

FreeBSD動作検証レポート

対象ハードウェア

maker:NEC, product:Express5800/R120d-1M [N8100-1791Y],
serial:2900171, version:FR1.4

対象OSバージョン

FreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59
UTC 2014

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BSDコンサルティング株式会社

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動作検証レポート 要約

ハードウェア基本情報

製品UUID	005e095d-7ff6-e111-8001-d43d7e06a650
製品データ	maker:NEC, product:Express5800/R120d-1M [N8100-1791Y], serial:2900171, version:FR1.4
筐体データ	maker:NEC, serial:01, tag:_____, version:856-857409-001
CPU	Intel(R) Xeon(R) CPU E5-2690 0 @ 2.90GHz
MEMORY	67108864[KB]
BIOS	reldate:04/27/2012, vendor:American Megatrends Inc., version:4.6.1010
ACPI	oem:ALASKA, revision:2, rsdp:0x000f0450, rsdt:0x7cf38028, xsdt:0x000000007cf38080
OS	FreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59 UTC 2014

動作検証レポート 要約

FreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59 UTC 2014のmfi(4)ドライバは検証対象ハードウェア「maker:NEC, product:Express5800/R120d-1M [N8100-1791Y], serial:2900171, version:FR1.4」のLSI MegaRAID SAS 9267-8iを高負荷時に適切に扱うことができないケースがある。mfi(4)デバイスドライバでストレージを操作できるが、高負荷時に同アダプタが原因とみられるパニックが発生することがある。このため、同ハードウェアを使用する場合にはカーネルからmfi(4)およびmpt(4)関連のデバイスドライバを削除するとともに、LSIが提供しているドライバを組み込んだカーネルを構築して利用することが推奨される。

ただしデフォルトカーネルでもこの問題が発生しないケースもある。同アダプタが原因とみられる高負荷時のパニック現象や応答不全の問題は同アダプタの特定のバージョンのファームウェアでのみ発生するという報告があり、ファームウェアをアップデートすることでデフォルトカーネルのままでも安定した使用を実現できるケースがある。また、ファイルシステムを継続的に高負荷にして使用することがないのであれば、デフォルトのカーネルのままでも運用できる。実際の状況を想定した負荷試験を実施したのち、デフォルトカーネルのmfi(4)ドライバを使用するか、LSIの提供しているドライバを組み込んだカーネルを使用するか検討することが推奨される。

FreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59 UTC 2014よりも前のバージョンではNIC (Broadcom BCM5719およびBroadcom BCM5718) を適切に扱うことができなかったが、本バージョンではNICを適切に認識する。また、本バージョンよりも前のバージョンでは同機で使われるBroadcom NetXtreme II BCM57810 10GbEを認識することはできなかったが、同バージョンからBroadcom NetXtreme II BCM57810 10GbEを認識する。同様に以前のバージョンに存在していたUSBデバイスの認識問題も本バージョンでは解決している。

検証実施時にリリースされているFreeBSDバージョンの中ではFreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59 UTC 2014はもっとも安定した利用ができるバージョンと言える。mfi(4)ドライバの問題はこれ以降のバージョンで改善されており、FreeBSD 10.0-STABLEまたはFreeBSD 10.1-RELEASE以降のバージョンではデフォルトカーネルのまま高負荷時にもパニックしない安定した運用ができるものとみられる。

※ より長期間に渡る負荷試験の実施やカスタムカーネルの開発とご提供、データセンターまたはオンプレミスでのFreeBSDシステムの設計、セットアップ、デプロイなど詳しい内容や業務に

関しましては弊社までお気軽にご相談ください。

ACPI認識データ

ACPI_APIC	Revision=3, OEMID=ALASKA, OEM_Table ID=05B0, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_BERT	Revision=1, OEMID=AMI, OEM_Table ID=AMI BERT, OEM_Revision=0x0, Creator_ID=, Creator_Revision=0x0
ACPI_DMAR	Revision=1, OEMID=A_M I, OEM_Table ID=OEMDMAR, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x1
ACPI_DSDT	Revision=2, OEMID=ALASKA, OEM_Table ID=05B0, OEM_Revision=0x15, Creator_ID=INTL, Creator_Revision=0x20091112
ACPI_FACP	Revision=4, OEMID=ALASKA, OEM_Table ID=05B0, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013, FACS=0x7f7a2f80, DSDT=0x7cf38188, SML_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0, FLUSH_STRIDE=16, DUTY_WIDTH=3, RESET_VALUE=0xfe
ACPI_FACS	HwSig=0x00000000, Firm_Wake_Vec=0x00000000
ACPI_HPET	Revision=1, OEMID=ALASKA, OEM_Table ID=05B0, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x5
ACPI_MCFG	Revision=1, OEMID=ALASKA, OEM_Table ID=OEMMCFG., OEM_Revision=0x1072009, Creator_ID=MSFT, Creator_Revision=0x97
ACPI_PRAD	Revision=2, OEMID=PRADID, OEM_Table ID=PRADTID, OEM_Revision=0x1, Creator_ID=MSFT, Creator_Revision=0x3000001
ACPI_RSD_PTR	OEM=ALASKA, ACPI_Rev=2.0x_(2), XSDT=0x7cf38080
ACPI_SLIT	Revision=1, OEMID=A_M I, OEM_Table ID=AMI SLIT, OEM_Revision=0x0, Creator_ID=AMI, Creator_Revision=0x0
ACPI_SPCR	Revision=1, OEMID=A_M I, OEM_Table ID=APTIO4, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x5
ACPI_SRAT	Revision=1, OEMID=A_M I, OEM_Table ID=AMI SRAT, OEM_Revision=0x1, Creator_ID=AMI, Creator_Revision=0x0
ACPI_XSDT	Revision=1, OEMID=ALASKA, OEM_Table ID=05B0, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_SSDT_1	Length=459012, Revision=2, Checksum=72, OEMID=INTEL, OEM_Table ID=CpuPm, OEM_Revision=0x4000, Creator_ID=INTL, Creator_Revision=0x20091112

MFIデバイス認識データ

アダプタ	mfi0 Adapter:, Product Name: LSI MegaRAID SAS 9267-8i, Serial Number: SV22513354, Firmware: 23.1.1-0014, RAID Levels: JBOD, RAID0, RAID1, RAID5, RAID6, RAID10, RAID50, Battery Backup: present, NVRAM: 32K, Onboard Memory: 1024M, Minimum Stripe: 8K, Maximum Stripe: 1M
ドライバ	mfi0 Physical Drives:, 8 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72F0A04XFRJ6gt; SAS E1:S3, 9 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A012FRJ6gt; SAS E1:S2, 10 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=8230A02RFRJ6gt; SAS E1:S1, 11 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A06IFRJ6gt; SAS E1:S0
ボリューム	mfi0 Volumes:, Id Size Level Stripe State Cache Name, mfid0 (558G) RAID-1 64K OPTIMAL Disabled
コンフィグ	mfi0 Configuration: 2 arrays, 1 volumes, 0 spares, array 0 of 2 drives:, drive 11 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A06IFRJ6gt; SAS, drive 10 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=8230A02RFRJ6gt; SAS, array 1 of 2 drives:, drive 9 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A012FRJ6gt; SAS, drive 8 (0.0) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72F0A04XFRJ6gt; SAS, volume mfid0 (558G) RAID-1 64K OPTIMAL spans:, array 0, array 1

※ 対象となるデバイスがmfi(4)ドライバを使用しないストレージ構成の場合、当項目は該当データなし。

MPTデバイス認識データ

アダプタ	該当データなし
ドライバ	該当データなし
ボリューム	該当データなし
コンフィグ	該当データなし

※ 対象となるデバイスがmpt(4)ドライバを使用しないストレージ構成の場合、当項目は該当データなし。

NIC認識データ

NIC	bge0, bge1, bge2, bge3, bge4, bge5, bge6, bge7, bxe0, bxe1, bge8, bge9
bge0	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:a5 nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge1	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:a5 nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge2	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:a5 nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge3	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:a5 nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge4	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:9f nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge5	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:9f nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge6	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:9f nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge7	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=00:25:5c:3d:9f nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge8	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=d4:3d:7e:06:a4 nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge9	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=d4:3d:7e:06:a4 nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bxe0	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TSO4, TSO6, LRO, VLAN_HWFILTER, VLAN_ ether=8c:89:a5:5f:37:c1, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (none)
bxe1	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TSO4, TSO6, LRO, VLAN_HWFILTER, VLAN_ ether=8c:89:a5:5f:37:c3, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (none)

カーネルデバイス認識データ

acpi	apm	apmctl	audit
bpf	bpf0(bpf)	cd0	console
consolectl	ctty	cuau0	cuau0.init
cuau0.lock	cuau1	cuau1.init	cuau1.lock
da0	da1	da2	devctl
devstat	dumpdev(mfid0p3)	fd	fd/0
fd/1	fd/2	fido	geom.ctf
gptid	gptid/df230923-a8fe-11e3-873a-00255c3da56c	io	kbd0(ukbd0)
kbd1(kbdmux0)	kbd2(ukbd1)	kbdmux0	klog
kmem	log(/var/run/log)	mdctl	megaraid_sas_ioctl_node(mfi0)
mem	mfi0	mfi0	mfi0p1
mfid0p2	mfid0p3	midistat	nfslock
null	pass0	pass1	pass2
pass3	pass4	pci	random
sndstat	stderr(fd/2)	stdin(fd/0)	stdout(fd/1)
sysmouse	ttyu0	ttyu0.init	ttyu0.lock
ttyu1	ttyu1.init	ttyu1.lock	ttyv0
ttyv1	ttyv2	ttyv3	ttyv4
ttyv5	ttyv6	ttyv7	ttyv8
ttyv9	ttyva	ttyvb	ttyvc
ttyvd	ttyve	ttyvf	ufssuspend
ugen0.1(usb/0.1.0)	ugen0.2(usb/0.2.0)	ugen0.3(usb/0.3.0)	ugen0.4(usb/0.4.0)
ugen0.5(usb/0.5.0)	ugen1.1(usb/1.1.0)	ugen1.2(usb/1.2.0)	ugen1.3(usb/1.3.0)
ugen1.4(usb/1.4.0)	ukbd0	ukbd1	ums0
urandom(random)	usb	usb/0.1.0	usb/0.1.1
usb/0.2.0	usb/0.2.1	usb/0.3.0	usb/0.3.1
usb/0.4.0	usb/0.4.1	usb/0.5.0	usb/0.5.1
usb/0.5.2	usb/1.1.0	usb/1.1.1	usb/1.2.0
usb/1.2.1	usb/1.3.0	usb/1.3.1	usb/1.3.2
usb/1.4.0	usb/1.4.3	usb/1.4.4	usbctl
xpt0	zero		

基礎性能データ

メモリアクセス速度	27.225 GBi/sec
IPv4スタック処理速度	290.995 MBi/sec
IPv6スタック処理速度	438.637 MBi/sec

PCI認識データ

1	pci0:0:0:0(hostb0), class=HOST-PCI, vendor='Intel Corporation', device='Xeon E5/Core i7 DMI2'
2	pci0:0:1:0(pciB1), class=PCI-PCI, vendor='Intel Corporation', device='Xeon E5/Core i7 IIO PCI Express Root Port 1a'
3	pci0:0:2:0(pciB2), class=PCI-PCI, vendor='Intel Corporation', device='Xeon E5/Core i7 IIO PCI Express Root Port 2a'
4	pci0:0:3:0(pciB3), class=PCI-PCI, vendor='Intel Corporation', device='Xeon E5/Core i7 IIO PCI Express Root Port 3a in PCI Express Mode'
5	pci0:0:3:2(pciB4), class=PCI-PCI, vendor='Intel Corporation', device='Xeon E5/Core i7 IIO PCI Express Root Port 3c'
6	pci0:0:4:0(none0), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 0'
7	pci0:0:4:1(none1), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 1'
8	pci0:0:4:2(none2), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 2'
9	pci0:0:4:3(none3), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 3'
10	pci0:0:4:4(none4), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 4'
11	pci0:0:4:5(none5), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 5'
12	pci0:0:4:6(none6), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 6'
13	pci0:0:4:7(none7), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 7'
14	pci0:0:5:0(none8), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Address Map, VTd_Misc, System Management'
15	pci0:0:5:2(none9), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Control Status and Global Errors'
16	pci0:0:5:4(ioapic0), class=interrupt controller, vendor='Intel Corporation', device='Xeon E5/Core i7 I/O APIC'
17	pci0:0:17:0(pciB5), class=PCI-PCI, vendor='Intel Corporation', device='C600/X79 series chipset PCI Express Virtual Root Port'
18	pci0:0:22:0(none10), class=simple comms, vendor='Intel Corporation', device='C600/X79 series chipset MEI Controller'
19	pci0:0:22:1(none11), class=simple comms, vendor='Intel Corporation', device='C600/X79 series chipset MEI Controller'
20	pci0:0:26:0(ehci0), class=USB, vendor='Intel Corporation', device='C600/X79 series chipset USB2 Enhanced Host Controller'
21	pci0:0:28:0(pciB6), class=PCI-PCI, vendor='Intel Corporation', device='C600/X79 series chipset PCI Express Root Port 1'
22	pci0:0:28:4(pciB7), class=PCI-PCI, vendor='Intel Corporation', device='C600/X79 series chipset PCI Express Root Port 5'
23	pci0:0:29:0(ehci1), class=USB, vendor='Intel Corporation', device='C600/X79 series chipset USB2 Enhanced Host Controller'
24	pci0:0:30:0(pciB8), class=PCI-PCI, vendor='Intel Corporation', device='82801 PCI Bridge'
25	pci0:0:31:0(isab0), class=PCI-ISA, vendor='Intel Corporation', device='C600/X79 series chipset LPC Controller'
26	pci0:0:31:2(atapci0), class=ATA, vendor='Intel Corporation', device='C600/X79 series chipset 4-Port SATA IDE Controller'
27	pci0:0:31:3(none12), class=SMBus, vendor='Intel Corporation', device='C600/X79 series chipset SMBus Host Controller'
28	pci0:0:31:5(atapci1), class=ATA, vendor='Intel Corporation', device='C600/X79 series chipset 2-Port SATA IDE Controller'
29	pci0:0:31:6(none13), class=dasp, vendor='Intel Corporation', device='C600/X79 series chipset Thermal Management Controller'
30	pci0:33:0:0(mfi0), class=RAID, vendor='LSI Logic / Symbios Logic', device='MegaRAID SAS 2208 [Thunderbolt]'
31	pci0:37:0:0(bge0), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
32	pci0:37:0:1(bge1), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
33	pci0:37:0:2(bge2), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
34	pci0:37:0:3(bge3), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
35	pci0:45:0:0(bge4), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
36	pci0:45:0:1(bge5), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
37	pci0:45:0:2(bge6), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
38	pci0:45:0:3(bge7), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
39	pci0:3:0:0(bxe0), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme II BCM57810 10 Gigabit Ethernet'
40	pci0:3:0:1(bxe1), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme II BCM57810 10 Gigabit Ethernet'
41	pci0:2:0:0(bge8), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5718 Gigabit Ethernet PCIe'
42	pci0:2:0:1(bge9), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5718 Gigabit Ethernet PCIe'
43	pci0:5:0:0(vgapci0), class=VGA, vendor='Matrox Electronics Systems Ltd.', device='MGA G200e [Pilot] ServerEngines (SEP1)'
44	pci0:127:8:0(none14), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link 0'

45	pci0:127:8:3(none15), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 0'
46	pci0:127:8:4(none16), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 0'
47	pci0:127:9:0(none17), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link 1'
48	pci0:127:9:3(none18), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 1'
49	pci0:127:9:4(none19), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 1'
50	pci0:127:10:0(none20), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 0'
51	pci0:127:10:1(none21), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 1'
52	pci0:127:10:2(none22), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 2'
53	pci0:127:10:3(none23), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 3'
54	pci0:127:11:0(none24), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Interrupt Control Registers'
55	pci0:127:11:3(none25), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Semaphore and Scratchpad Configuration Registers'
56	pci0:127:12:0(none26), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
57	pci0:127:12:1(none27), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
58	pci0:127:12:2(none28), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
59	pci0:127:12:3(none29), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
60	pci0:127:12:6(none30), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 0'
61	pci0:127:12:7(none31), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 System Address Decoder'
62	pci0:127:13:0(none32), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
63	pci0:127:13:1(none33), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
64	pci0:127:13:2(none34), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
65	pci0:127:13:3(none35), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
66	pci0:127:13:6(none36), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 1'
67	pci0:127:14:0(none37), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Processor Home Agent'
68	pci0:127:14:1(none38), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 Processor Home Agent Performance Monitoring'
69	pci0:127:15:0(none39), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Registers'
70	pci0:127:15:1(none40), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller RAS Registers'
71	pci0:127:15:2(none41), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 0'
72	pci0:127:15:3(none42), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 1'
73	pci0:127:15:4(none43), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 2'
74	pci0:127:15:5(none44), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 3'
75	pci0:127:15:6(none45), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 4'
76	pci0:127:16:0(none46), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 0'
77	pci0:127:16:1(none47), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 1'
78	pci0:127:16:2(none48), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 0'
79	pci0:127:16:3(none49), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 1'
80	pci0:127:16:4(none50), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 2'

81	pci0:127:16:5(none51), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 3'
82	pci0:127:16:6(none52), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 2'
83	pci0:127:16:7(none53), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 3'
84	pci0:127:17:0(none54), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DDRIO'
85	pci0:127:19:0(none55), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 R2PCIe'
86	pci0:127:19:1(none56), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 Ring to PCI Express Performance Monitor'
87	pci0:127:19:4(none57), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 QuickPath Interconnect Agent Ring Registers'
88	pci0:127:19:5(none58), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 Ring to QuickPath Interconnect Link 0 Performance Monitor'
89	pci0:127:19:6(none59), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Ring to QuickPath Interconnect Link 1 Performance Monitor'
90	pci0:128:0:0(pci11), class=PCI-PCI, vendor='Intel Corporation', device='Xeon E5/Core i7 DMI2 in PCI Express Mode'
91	pci0:128:2:0(pci12), class=PCI-PCI, vendor='Intel Corporation', device='Xeon E5/Core i7 IIO PCI Express Root Port 2a'
92	pci0:128:4:0(none60), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 0'
93	pci0:128:4:1(none61), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 1'
94	pci0:128:4:2(none62), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 2'
95	pci0:128:4:3(none63), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 3'
96	pci0:128:4:4(none64), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 4'
97	pci0:128:4:5(none65), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 5'
98	pci0:128:4:6(none66), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 6'
99	pci0:128:4:7(none67), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DMA Channel 7'
100	pci0:128:5:0(none68), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Address Map, Vtd_Misc, System Management'
101	pci0:128:5:2(none69), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Control Status and Global Errors'
102	pci0:128:5:4(ioapic1), class=interrupt controller, vendor='Intel Corporation', device='Xeon E5/Core i7 I/O APIC'
103	pci0:255:8:0(none70), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link 0'
104	pci0:255:8:3(none71), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 0'
105	pci0:255:8:4(none72), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 0'
106	pci0:255:9:0(none73), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link 1'
107	pci0:255:9:3(none74), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 1'
108	pci0:255:9:4(none75), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 QPI Link Reut 1'
109	pci0:255:10:0(none76), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 0'
110	pci0:255:10:1(none77), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 1'
111	pci0:255:10:2(none78), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 2'
112	pci0:255:10:3(none79), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Power Control Unit 3'
113	pci0:255:11:0(none80), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Interrupt Control Registers'
114	pci0:255:11:3(none81), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Semaphore and Scratchpad Configuration Registers'
115	pci0:255:12:0(none82), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
116	pci0:255:12:1(none83), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
117	pci0:255:12:2(none84), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
118	pci0:255:12:3(none85), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
119	pci0:255:12:6(none86), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 0'
120	pci0:255:12:7(none87), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 System Address Decoder'
121	pci0:255:13:0(none88), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'

122	pci0:255:13:1(none89), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
123	pci0:255:13:2(none90), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
124	pci0:255:13:3(none91), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Unicast Register 0'
125	pci0:255:13:6(none92), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 1'
126	pci0:255:14:0(none93), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Processor Home Agent'
127	pci0:255:14:1(none94), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 Processor Home Agent Performance Monitoring'
128	pci0:255:15:0(none95), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Registers'
129	pci0:255:15:1(none96), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller RAS Registers'
130	pci0:255:15:2(none97), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 0'
131	pci0:255:15:3(none98), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 1'
132	pci0:255:15:4(none99), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 2'
133	pci0:255:15:5(none100), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 3'
134	pci0:255:15:6(none101), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 4'
135	pci0:255:16:0(none102), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 0'
136	pci0:255:16:1(none103), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 1'
137	pci0:255:16:2(none104), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 0'
138	pci0:255:16:3(none105), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 1'
139	pci0:255:16:4(none106), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 2'
140	pci0:255:16:5(none107), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 3'
141	pci0:255:16:6(none108), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 2'
142	pci0:255:16:7(none109), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 3'
143	pci0:255:17:0(none110), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 DDRIO'
144	pci0:255:19:0(none111), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 R2PCIe'
145	pci0:255:19:1(none112), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 Ring to PCI Express Performance Monitor'
146	pci0:255:19:4(none113), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 QuickPath Interconnect Agent Ring Registers'
147	pci0:255:19:5(none114), class=dasp, vendor='Intel Corporation', device='Xeon E5/Core i7 Ring to QuickPath Interconnect Link 0 Performance Monitor'
148	pci0:255:19:6(none115), class=base peripheral, vendor='Intel Corporation', device='Xeon E5/Core i7 Ring to QuickPath Interconnect Link 1 Performance Monitor'

動作検証レポート 詳細データ

カーネル環境変数データ詳細一覧

```
LINES="24"
bootfile="kernel"
comconsole_pcidv="
comconsole_port="1016"
comconsole_speed="9600"
console="vidconsole"
currdev="disk2p2:"
hint.acpi.0.oem="ALASKA"
hint.acpi.0.revision="2"
hint.acpi.0.rsdv="0x000f0450"
hint.acpi.0.rsdv="0x7cf38028"
hint.acpi.0.xsdt="0x000000007cf38080"
hint.acpi.0.xsdt_length="36"
hint.atkbd.0.at="atkbd"
hint.atkbd.0.irq="1"
hint.atkbd.0.at="isa"
hint.atkbd.0.port="0x060"
hint.atrtc.0.at="isa"
hint.atrtc.0.irq="8"
hint.atrtc.0.port="0x70"
hint.attimer.0.at="isa"
hint.attimer.0.irq="0"
hint.attimer.0.port="0x40"
hint.fd.0.at="fdc0"
hint.fd.0.drive="0"
hint.fd.1.at="fdc0"
hint.fd.1.drive="1"
hint.fdc.0.at="isa"
hint.fdc.0.drq="2"
hint.fdc.0.irq="6"
hint.fdc.0.port="0x3F0"
hint.ppc.0.at="isa"
hint.ppc.0.irq="7"
hint.psm.0.at="atkbd"
hint.psm.0.irq="12"
hint.sc.0.at="isa"
hint.sc.0.flags="0x100"
hint.uart.0.at="isa"
hint.uart.0.flags="0x10"
hint.uart.0.irq="4"
hint.uart.0.port="0x3F8"
hint.uart.1.at="isa"
hint.uart.1.irq="3"
hint.uart.1.port="0x2F8"
hint.wbwd.0.at="isa"
hw.uart.console="io:1016,br:9600"
interpret="OK"
kernel="kernel"
kernel_options=""
kernelname="/boot/kernel/kernel"
loaddev="disk2p2:"
loader_conf_files="/boot/device.hints /boot/loader.conf /boot/loader.conf.local"
mac_ifoff="NO"
module_path="/boot/kernel;/boot/modules"
smbios.bios.reldate="04/27/2012"
smbios.bios.vendor="American Megatrends Inc."
smbios.bios.version="4.6.1010"
smbios.chassis.make="NEC"
smbios.chassis.serial="01"
smbios.chassis.tag=""
smbios.chassis.version="856-857409-001"
smbios.memory.enabled="67108864"
smbios.planar.make="MICRO-STAR"
smbios.planar.product="MS-S0051"
smbios.planar.serial="C717114762"
smbios.planar.version="S14"
smbios.socket.enabled="2"
smbios.socket.populated="2"
smbios.system.make="NEC"
smbios.system.product="Express5800/R120d-1M [N8100-1791Y]"
smbios.system.serial="2900171"
smbios.system.uid="005e095d-7ff6-e111-8001-d43d7e06a650"
smbios.system.version="FR1.4"
smbios.version="2.7"
vfs.root.mountfrom="ufs:/dev/mfid0p2"
vfs.root.mountfrom.options="rw"
```

カーネルステートデータ詳細一覧

```
kern.ostype: FreeBSD
kern.osrelease: 10.0-RELEASE
kern.osrevision: 199506
kern.version: FreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59 UTC 2014
    root@snap.freebsd.org:/usr/obj/usr/src/sys/GENERIC
kern.maxvnodes: 1164487
kern.maxproc: 70852
kern.maxfiles: 2094869
kern.argmax: 262144
kern.securelevel: -1
kern.hostname: r120d1m.bsdconsulting.co.jp
kern.hostid: 2227084879
kern.clockrate: { hz = 1000, tick = 1000, profhz = 8128, stathz = 127 }
kern.posix1version: 200112
kern.ngroups: 1023
kern.job_control: 1
kern.saved_ids: 0
kern.boottime: { sec = 1394530589, usec = 973945 } Tue Mar 11 18:36:29 2014
kern.domainname:
kern.osreldate: 1000510
kern.bootfile: /boot/kernel/kernel
kern.maxfilesperproc: 1885374
kern.maxprocperuid: 63766
kern.ipc.maxsockbuf: 2097152
kern.ipc.sockbuf_waste_factor: 8
kern.ipc.max_linkhdr: 16
kern.ipc.max_protobdr: 60
kern.ipc.max_hdr: 76
kern.ipc.max_datalen: 92
kern.ipc.maxmbufmem: 33420314624
kern.ipc.nmbclusters: 4079628
kern.ipc.nmbjumbop: 2039814
kern.ipc.nmbjumbo9: 1813167
kern.ipc.nmbjumbo16: 1359876
kern.ipc.nmbufs: 26109630
kern.ipc.maxpipekva: 1072570368
kern.ipc.pipekva: 0
kern.ipc.piperefragretry: 0
kern.ipc.pipellocfail: 0
kern.ipc.piperesizefail: 0
kern.ipc.piperesizeallowed: 1
kern.ipc.msgmax: 16384
kern.ipc.msgmni: 40
kern.ipc.msgmnb: 2048
kern.ipc.msgtql: 40
kern.ipc.msgssz: 8
kern.ipc.msgseg: 2048
kern.ipc.semni: 50
kern.ipc.semns: 340
kern.ipc.semnu: 150
kern.ipc.semmsl: 340
kern.ipc.semopm: 100
kern.ipc.semume: 50
kern.ipc.semusz: 632
kern.ipc.semvmx: 32767
kern.ipc.semaem: 16384
kern.ipc.shmmax: 536870912
kern.ipc.shmmin: 1
kern.ipc.shmmni: 192
kern.ipc.shmseg: 128
kern.ipc.shmall: 131072
kern.ipc.shm_use_phys: 0
kern.ipc.shm_allow_removed: 0
kern.ipc.soacceptqueue: 128
kern.ipc.numopensockets: 12
kern.ipc.maxsockets: 2094870
kern.ipc.sendfile.readahead: 1
kern.dummy: 0
kern.ps_strings: 140737488351200
kern.usrstack: 140737488351232
kern.logsigexit: 1
kern.iov_max: 1024
kern.hostuuid: 005e095d-7ff6-e111-8001-d43d7e06a650
kern.cam.sort_io_queues: 1
kern.cam.boot_delay: 0
kern.cam.dflags: 0
kern.cam.debug_delay: 0
kern.cam.pmp.retry_count: 1
kern.cam.pmp.default_timeout: 30
kern.cam.pmp.hide_special: 1
kern.cam.cam_srch_hi: 0
kern.cam.scsi_delay: 5000
kern.cam.cd.changer.min_busy_seconds: 5
kern.cam.cd.changer.max_busy_seconds: 15
kern.cam.cd.poll_period: 3
kern.cam.cd.retry_count: 4
```



```

kern.cam.cd.timeout: 30000
kern.cam.cd.0.minimum_cmd_size: 10
kern.cam.ada.legacy_aliases: 1
kern.cam.ada.retry_count: 4
kern.cam.ada.default_timeout: 30
kern.cam.ada.send_ordered: 1
kern.cam.ada.spindown_shutdown: 1
kern.cam.ada.spindown_suspend: 1
kern.cam.ada.read_ahead: 1
kern.cam.ada.write_cache: 1
kern.cam.da.poll_period: 3
kern.cam.da.retry_count: 4
kern.cam.da.default_timeout: 60
kern.cam.da.send_ordered: 1
kern.cam.da.0.delete_method: NONE
kern.cam.da.0.delete_max: 65536
kern.cam.da.0.minimum_cmd_size: 10
kern.cam.da.0.sort_io_queue: -1
kern.cam.da.0.error_inject: 0
kern.cam.da.1.delete_method: NONE
kern.cam.da.1.delete_max: 65536
kern.cam.da.1.minimum_cmd_size: 10
kern.cam.da.1.sort_io_queue: -1
kern.cam.da.1.error_inject: 0
kern.cam.da.2.delete_method: NONE
kern.cam.da.2.delete_max: 65536
kern.cam.da.2.minimum_cmd_size: 10
kern.cam.da.2.sort_io_queue: -1
kern.cam.da.2.error_inject: 0
kern.cam.da.3.delete_method: NONE
kern.cam.da.3.delete_max: 65536
kern.cam.da.3.minimum_cmd_size: 10
kern.cam.da.3.sort_io_queue: -1
kern.cam.da.3.error_inject: 0
kern.cam.enc.emulate_array_devices: 1
kern.random.adaptors: yarrow,dummy
kern.random.active_adaptor: yarrow
kern.random.yarrow.gengateinterval: 10
kern.random.yarrow.bins: 10
kern.random.yarrow.fastthresh: 96
kern.random.yarrow.slowthresh: 128
kern.random.yarrow.slowoverthresh: 2
kern.random.sys.seeded: 1
kern.random.sys.harvest.ethernet: 1
kern.random.sys.harvest.point_to_point: 1
kern.random.sys.harvest.interrupt: 1
kern.random.sys.harvest.swi: 1
kern.disks: da3 da2 da1 da0 cd0 mfid0
kern.geom.dev.delete_max_sectors: 262144
kern.geom.disk.mfid0.led:
kern.geom.disk.cd0.led:
kern.geom.disk.da0.led:
kern.geom.disk.da1.led:
kern.geom.disk.da2.led:
kern.geom.disk.da3.led:
kern.geom.transient_maps: 757
kern.geom.transient_map_retries: 10
kern.geom.transient_map_hard_failures: 0
kern.geom.transient_map_soft_failures: 0
kern.geom.inflight_transient_maps: 0
kern.geom.confxml: <mesh>
  <class id="0xffffffff813dc050">
    <name>FD</name>
  </class>
  <class id="0xffffffff8137f068">
    <name>RAID</name>
  </class>
  <class id="0xffffffff8137e1a8">
    <name>PART</name>
    <geom id="0xfffff8017d74c800">
      <class ref="0xffffffff8137e1a8"/>
      <name>mfid0</name>
      <rank>2</rank>
      <config>
        <scheme>GPT</scheme>
        <entries>128</entries>
        <first>34</first>
        <last>1169686494</last>
        <fwsectors>63</fwsectors>
        <fwheads>255</fwheads>
        <state>0K</state>
        <modified>>false</modified>
      </config>
      <consumer id="0xfffff8017d77c680">
        <geom ref="0xfffff8017d74c800"/>
        <provider ref="0xfffff8017d74b600"/>
        <mode>r2w2e3</mode>
        <config>
          </config>
        </consumer>

```

```

<provider id="0xfffff8017d74ab00">
  <geom ref="0xfffff8017d74c800"/>
  <mode>r1w1e0</mode>
  <name>mfid0p3</name>
  <mediasize>4026497024</mediasize>
  <sectorsize>512</sectorsize>
  <stripesize>0</stripesize>
  <stripeoffset>2147501056</stripeoffset>
  <config>
    <start>1161822242</start>
    <end>1169686493</end>
    <index>3</index>
    <type>freebsd-swap</type>
    <offset>594852987904</offset>
    <length>4026497024</length>
    <label></label>
    <rawtype>516e7cb5-6ecf-11d6-8ff8-00022d09712b</rawtype>
    <rawuid>df28112b-a8fe-11e3-873a-00255c3da56c</rawuid>
  </config>
</provider>
<provider id="0xfffff8017d74ad00">
  <geom ref="0xfffff8017d74c800"/>
  <mode>r1w1e1</mode>
  <name>mfid0p2</name>
  <mediasize>594852904960</mediasize>
  <sectorsize>512</sectorsize>
  <stripesize>0</stripesize>
  <stripeoffset>82944</stripeoffset>
  <config>
    <start>162</start>
    <end>1161822241</end>
    <index>2</index>
    <type>freebsd-ufs</type>
    <offset>82944</offset>
    <length>594852904960</length>
    <label></label>
    <rawtype>516e7cb6-6ecf-11d6-8ff8-00022d09712b</rawtype>
    <rawuid>df236ddc-a8fe-11e3-873a-00255c3da56c</rawuid>
  </config>
</provider>
<provider id="0xfffff8017d74b000">
  <geom ref="0xfffff8017d74c800"/>
  <mode>r0w0e0</mode>
  <name>mfid0p1</name>
  <mediasize>65536</mediasize>
  <sectorsize>512</sectorsize>
  <stripesize>0</stripesize>
  <stripeoffset>17408</stripeoffset>
  <config>
    <start>34</start>
    <end>161</end>
    <index>1</index>
    <type>freebsd-boot</type>
    <offset>17408</offset>
    <length>65536</length>
    <label></label>
    <rawtype>83bd6b9d-7f41-11dc-be0b-001560b84f0f</rawtype>
    <rawuid>df230923-a8fe-11e3-873a-00255c3da56c</rawuid>
  </config>
</provider>
</geom>
</class>
<class id="0xfffffffff813c8bf8">
  <name>SWAP</name>
  <geom id="0xfffffffff8017d8c5000">
    <class ref="0xfffffffff813c8bf8"/>
    <name>swap</name>
    <rank>3</rank>
    <consumer id="0xfffff8017d924480">
      <geom ref="0xfffffffff8017d8c5000"/>
      <provider ref="0xfffff8017d74ab00"/>
      <mode>r1w1e0</mode>
    </consumer>
  </geom>
</class>
<class id="0xfffffffff8137d1e8">
  <name>VFS</name>
  <geom id="0xfffffffff8017ddd2700">
    <class ref="0xfffffffff8137d1e8"/>
    <name>vfs.da3</name>
    <rank>2</rank>
    <consumer id="0xfffff8017de12280">
      <geom ref="0xfffffffff8017ddd2700"/>
      <provider ref="0xfffff8017df9dd00"/>
      <mode>r1w1e1</mode>
    </consumer>
  </geom>
<geom id="0xfffff8017d964e00">
  <class ref="0xfffffffff8137d1e8"/>
  <name>vfs.mfid0p2</name>

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```

<rank>3</rank>
  <consumer id="0xfffff8017d950a00">
    <geom ref="0xfffff8017d964e00"/>
    <provider ref="0xfffff8017d74ad00"/>
    <mode>r1w1e1</mode>
  </consumer>
</geom>
</class>
<class id="0xfffffff81313080">
  <name>MD</name>
</class>
<class id="0xfffffff8137ca80">
  <name>DISK</name>
  <geom id="0xfffff8017df9dc00">
    <class ref="0xfffffff8137ca80"/>
    <name>da3</name>
    <rank>1</rank>
    <config>
    </config>
    <provider id="0xfffff8017df9dd00">
      <geom ref="0xfffff8017df9dc00"/>
      <mode>r1w1e1</mode>
      <name>da3</name>
      <mediasize>32717537280</mediasize>
      <sectorsize>512</sectorsize>
      <stripesize>0</stripesize>
      <stripeoffset>0</stripeoffset>
      <config>
        <fwheads>255</fwheads>
        <fwsectors>63</fwsectors>
        <ident>1205010002800314</ident>
        <descr>UFD 2.0 Silicon-Power32G</descr>
      </config>
    </provider>
  </geom>
  <geom id="0xfffff8017d916000">
    <class ref="0xfffffff8137ca80"/>
    <name>da2</name>
    <rank>1</rank>
    <config>
    </config>
    <provider id="0xfffff8017d915e00">
      <geom ref="0xfffff8017d916000"/>
      <mode>r0w0e0</mode>
      <name>da2</name>
      <mediasize>0</mediasize>
      <sectorsize>512</sectorsize>
      <stripesize>0</stripesize>
      <stripeoffset>0</stripeoffset>
      <config>
        <fwheads>0</fwheads>
        <fwsectors>0</fwsectors>
        <ident>AAAABBBBCCCC4</ident>
        <descr>AMI Virtual Flash</descr>
      </config>
    </provider>
  </geom>
  <geom id="0xfffff8017d916300">
    <class ref="0xfffffff8137ca80"/>
    <name>da1</name>
    <rank>1</rank>
    <config>
    </config>
    <provider id="0xfffff8017d916200">
      <geom ref="0xfffff8017d916300"/>
      <mode>r0w0e0</mode>
      <name>da1</name>
      <mediasize>0</mediasize>
      <sectorsize>512</sectorsize>
      <stripesize>0</stripesize>
      <stripeoffset>0</stripeoffset>
      <config>
        <fwheads>0</fwheads>
        <fwsectors>0</fwsectors>
        <ident>AAAABBBBCCCC4</ident>
        <descr>AMI Remote USB MEM</descr>
      </config>
    </provider>
  </geom>
  <geom id="0xfffff8017d916600">
    <class ref="0xfffffff8137ca80"/>
    <name>da0</name>
    <rank>1</rank>
    <config>
    </config>
    <provider id="0xfffff8017d916500">
      <geom ref="0xfffff8017d916600"/>
      <mode>r0w0e0</mode>
      <name>da0</name>
      <mediasize>0</mediasize>

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```

    <sectorsize>512</sectorsize>
    <stripesize>0</stripesize>
    <stripeoffset>0</stripeoffset>
    <config>
      <fwheads>0</fwheads>
      <fwsectors>0</fwsectors>
      <ident>AAAA BBBBCCCC</ident>
      <descr>AMI Remote FD</descr>
    </config>
  </provider>
</geom>
<geom id="0xfffff8017d89d500">
  <class ref="0xfffffffff8137ca80"/>
  <name>cd0</name>
  <rank>1</rank>
  <config>
  </config>
  <provider id="0xfffff8017d89d400">
    <geom ref="0xfffff8017d89d500"/>
    <mode>r0w0e0</mode>
    <name>cd0</name>
    <mediasize>0</mediasize>
    <sectorsize>2048</sectorsize>
    <stripesize>0</stripesize>
    <stripeoffset>0</stripeoffset>
    <config>
      <fwheads>0</fwheads>
      <fwsectors>0</fwsectors>
      <ident></ident>
      <descr>AMI Remote CD/DVD</descr>
    </config>
  </provider>
</geom>
<geom id="0xfffff8017d74b700">
  <class ref="0xfffffffff8137ca80"/>
  <name>mfid0</name>
  <rank>1</rank>
  <config>
  </config>
  <provider id="0xfffff8017d74b600">
    <geom ref="0xfffff8017d74b700"/>
    <mode>r2w2e3</mode>
    <name>mfid0</name>
    <mediasize>598879502336</mediasize>
    <sectorsize>512</sectorsize>
    <stripesize>0</stripesize>
    <stripeoffset>0</stripeoffset>
    <config>
      <fwheads>255</fwheads>
      <fwsectors>63</fwsectors>
      <ident></ident>
      <descr></descr>
    </config>
  </provider>
</geom>
</class>
<class id="0xfffffffff8137c7b8">
  <name>DEV</name>
  <geom id="0xfffff8017db96700">
    <class ref="0xfffffffff8137c7b8"/>
    <name>da3</name>
    <rank>2</rank>
    <consumer id="0xfffff8017d8ba780">
      <geom ref="0xfffff8017db96700"/>
      <provider ref="0xfffff8017df9dd00"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
  <geom id="0xfffff8017d916100">
    <class ref="0xfffffffff8137c7b8"/>
    <name>da2</name>
    <rank>2</rank>
    <consumer id="0xfffff8017d924580">
      <geom ref="0xfffff8017d916100"/>
      <provider ref="0xfffff8017d915e00"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
  <geom id="0xfffff8017d916400">
    <class ref="0xfffffffff8137c7b8"/>
    <name>da1</name>
    <rank>2</rank>
    <consumer id="0xfffff8017d924680">
      <geom ref="0xfffff8017d916400"/>
      <provider ref="0xfffff8017d916200"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
  <geom id="0xfffff8017d8c5b00">
    <class ref="0xfffffffff8137c7b8"/>

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```

<name>da0</name>
<rank>2</rank>
  <consumer id="0xfffff8017d924700">
    <geom ref="0xfffff8017d8c5b00"/>
    <provider ref="0xfffff8017d916500"/>
    <mode>r0w0e0</mode>
  </consumer>
</geom>
<geom id="0xfffff8017d916700">
  <class ref="0xfffffff8137c7b8"/>
  <name>cd0</name>
  <rank>2</rank>
    <consumer id="0xfffff8017d924a80">
      <geom ref="0xfffff8017d916700"/>
      <provider ref="0xfffff8017d89d400"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
<geom id="0xfffff8017d74a500">
  <class ref="0xfffffff8137c7b8"/>
  <name>gptid/df230923-a8fe-11e3-873a-00255c3da56c</name>
  <rank>4</rank>
    <consumer id="0xfffff8017d78c200">
      <geom ref="0xfffff8017d74a500"/>
      <provider ref="0xfffff8017d74a300"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
<geom id="0xfffff8017d74ac00">
  <class ref="0xfffffff8137c7b8"/>
  <name>mfid0p3</name>
  <rank>3</rank>
    <consumer id="0xfffff8017d78c600">
      <geom ref="0xfffff8017d74ac00"/>
      <provider ref="0xfffff8017d74ab00"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
<geom id="0xfffff8017d74ae00">
  <class ref="0xfffffff8137c7b8"/>
  <name>mfid0p2</name>
  <rank>3</rank>
    <consumer id="0xfffff8017d78c700">
      <geom ref="0xfffff8017d74ae00"/>
      <provider ref="0xfffff8017d74ad00"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
<geom id="0xfffff8017d74b500">
  <class ref="0xfffffff8137c7b8"/>
  <name>mfid0p1</name>
  <rank>3</rank>
    <consumer id="0xfffff8017d78c800">
      <geom ref="0xfffff8017d74b500"/>
      <provider ref="0xfffff8017d74b000"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
<geom id="0xfffff8017d74a900">
  <class ref="0xfffffff8137c7b8"/>
  <name>mfid0</name>
  <rank>2</rank>
    <consumer id="0xfffff8017d78c880">
      <geom ref="0xfffff8017d74a900"/>
      <provider ref="0xfffff8017d74b600"/>
      <mode>r0w0e0</mode>
    </consumer>
  </geom>
</class>
<class id="0xfffffff8137d3c8">
  <name>LABEL</name>
  <geom id="0xfffff8017d74a400">
    <class ref="0xfffffff8137d3c8"/>
    <name>mfid0p1</name>
    <rank>3</rank>
    <config>
      </config>
    <consumer id="0xfffff8017d78c680">
      <geom ref="0xfffff8017d74a400"/>
      <provider ref="0xfffff8017d74b000"/>
      <mode>r0w0e0</mode>
    </consumer>
    <provider id="0xfffff8017d74a300">
      <geom ref="0xfffff8017d74a400"/>
      <mode>r0w0e0</mode>
      <name>gptid/df230923-a8fe-11e3-873a-00255c3da56c</name>
      <mediasize>65536</mediasize>
      <sectorsize>512</sectorsize>
    </provider>
  </geom>

```

```

<stripesize>0</stripesize>
<stripeoffset>17408</stripeoffset>
<config>
<index>0</index>
<length>65536</length>
<seclength>128</seclength>
<offset>0</offset>
<secoffset>0</secoffset>
</config>
</provider>
</geom>
</class>
</mesh>
kern.geom.confdot: digraph geom {
z0xfffff8017d74c800 [shape=box,label="PART\nmfi0\nnr#2"];
z0xfffff8017d77c680 [label="r2w2e3"];
z0xfffff8017d77c680 -> z0xfffff8017d74b600;
z0xfffff8017d74c800 -> z0xfffff8017d77c680;
z0xfffff8017d74ab00 [shape=hexagon,label="mfi0p3\nr1w1e0\nnerr#0"];
z0xfffff8017d74ab00 -> z0xfffff8017d74c800;
z0xfffff8017d74ad00 [shape=hexagon,label="mfi0p2\nr1w1e1\nnerr#0"];
z0xfffff8017d74ad00 -> z0xfffff8017d74c800;
z0xfffff8017d74b000 [shape=hexagon,label="mfi0p1\nr0w0e0\nnerr#0"];
z0xfffff8017d74b000 -> z0xfffff8017d74c800;
z0xfffff8017d8c5000 [shape=box,label="SWAP\nswap\nnr#3"];
z0xfffff8017d924480 [label="r1w1e0"];
z0xfffff8017d924480 -> z0xfffff8017d74ab00;
z0xfffff8017d8c5000 -> z0xfffff8017d924480;
z0xfffff8017ddd2700 [shape=box,label="VFS\nvfs.da3\nnr#2"];
z0xfffff8017de12280 [label="r1w1e1"];
z0xfffff8017de12280 -> z0xfffff8017df9dd00;
z0xfffff8017ddd2700 -> z0xfffff8017de12280;
z0xfffff8017d964e00 [shape=box,label="VFS\nvfs.mfi0p2\nnr#3"];
z0xfffff8017d950a00 [label="r1w1e1"];
z0xfffff8017d950a00 -> z0xfffff8017d74ad00;
z0xfffff8017d964e00 -> z0xfffff8017d950a00;
z0xfffff8017df9dc00 [shape=box,label="DISK\nda3\nnr#1"];
z0xfffff8017df9dd00 [shape=hexagon,label="da3\nr1w1e1\nnerr#0"];
z0xfffff8017df9dd00 -> z0xfffff8017df9dc00;
z0xfffff8017d916000 [shape=box,label="DISK\nda2\nnr#1"];
z0xfffff8017d915e00 [shape=hexagon,label="da2\nr0w0e0\nnerr#0"];
z0xfffff8017d915e00 -> z0xfffff8017d916000;
z0xfffff8017d916300 [shape=box,label="DISK\nda1\nnr#1"];
z0xfffff8017d916200 [shape=hexagon,label="da1\nr0w0e0\nnerr#0"];
z0xfffff8017d916200 -> z0xfffff8017d916300;
z0xfffff8017d916600 [shape=box,label="DISK\nda0\nnr#1"];
z0xfffff8017d916500 [shape=hexagon,label="da0\nr0w0e0\nnerr#0"];
z0xfffff8017d916500 -> z0xfffff8017d916600;
z0xfffff8017d89d500 [shape=box,label="DISK\ncd0\nnr#1"];
z0xfffff8017d89d400 [shape=hexagon,label="cd0\nr0w0e0\nnerr#0"];
z0xfffff8017d89d400 -> z0xfffff8017d89d500;
z0xfffff8017d74b700 [shape=box,label="DISK\nmfi0\nnr#1"];
z0xfffff8017d74b600 [shape=hexagon,label="mfi0\nr2w2e3\nnerr#0"];
z0xfffff8017d74b600 -> z0xfffff8017d74b700;
z0xfffff8017db96700 [shape=box,label="DEV\nda3\nnr#2"];
z0xfffff8017d8ba780 [label="r0w0e0"];
z0xfffff8017d8ba780 -> z0xfffff8017df9dd00;
z0xfffff8017db96700 -> z0xfffff8017d8ba780;
z0xfffff8017d916100 [shape=box,label="DEV\nda2\nnr#2"];
z0xfffff8017d924580 [label="r0w0e0"];
z0xfffff8017d924580 -> z0xfffff8017d915e00;
z0xfffff8017d916100 -> z0xfffff8017d924580;
z0xfffff8017d916400 [shape=box,label="DEV\nda1\nnr#2"];
z0xfffff8017d924680 [label="r0w0e0"];
z0xfffff8017d924680 -> z0xfffff8017d916200;
z0xfffff8017d916400 -> z0xfffff8017d924680;
z0xfffff8017d8c5b00 [shape=box,label="DEV\nda0\nnr#2"];
z0xfffff8017d924700 [label="r0w0e0"];
z0xfffff8017d924700 -> z0xfffff8017d916500;
z0xfffff8017d8c5b00 -> z0xfffff8017d924700;
z0xfffff8017d916700 [shape=box,label="DEV\ncd0\nnr#2"];
z0xfffff8017d924a80 [label="r0w0e0"];
z0xfffff8017d924a80 -> z0xfffff8017d89d400;
z0xfffff8017d916700 -> z0xfffff8017d924a80;
z0xfffff8017d74a500 [shape=box,label="DEV\nngtid/df230923-a8fe-11e3-873a-00255c3da56c\nnr#4"];
z0xfffff8017d78c200 [label="r0w0e0"];
z0xfffff8017d78c200 -> z0xfffff8017d74a300;
z0xfffff8017d74a500 -> z0xfffff8017d78c200;
z0xfffff8017d74a000 [shape=box,label="DEV\nmfi0p3\nnr#3"];
z0xfffff8017d78c600 [label="r0w0e0"];
z0xfffff8017d78c600 -> z0xfffff8017d74ab00;
z0xfffff8017d74a000 -> z0xfffff8017d78c600;
z0xfffff8017d74ae00 [shape=box,label="DEV\nmfi0p2\nnr#3"];
z0xfffff8017d78c700 [label="r0w0e0"];
z0xfffff8017d78c700 -> z0xfffff8017d74ad00;
z0xfffff8017d74ae00 -> z0xfffff8017d78c700;
z0xfffff8017d74b500 [shape=box,label="DEV\nmfi0p1\nnr#3"];
z0xfffff8017d78c800 [label="r0w0e0"];
z0xfffff8017d78c800 -> z0xfffff8017d74b000;
z0xfffff8017d74b500 -> z0xfffff8017d78c800;

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```

z0xfffff8017d74a900 [shape=box,label="DEV\nmfid0\nnr#2"];
z0xfffff8017d78c880 [label="r0w0e0"];
z0xfffff8017d78c880 -> z0xfffff8017d74b600;
z0xfffff8017d74a900 -> z0xfffff8017d78c880;
z0xfffff8017d74a400 [shape=box,label="LABEL\nmfid0p1\nnr#3"];
z0xfffff8017d78c680 [label="r0w0e0"];
z0xfffff8017d78c680 -> z0xfffff8017d74b000;
z0xfffff8017d74a400 -> z0xfffff8017d78c680;
z0xfffff8017d74a300 [shape=hexagon,label="gptid/df230923-a8fe-11e3-873a-00255c3da56c\nnr0w0e0\nnr#0"];
z0xfffff8017d74a300 -> z0xfffff8017d74a400;
}
kern.geom.conftxt: 0 DISK da3 32717537280 512 hd 255 sc 63
0 DISK da2 0 512 hd 0 sc 0
0 DISK da1 0 512 hd 0 sc 0
0 DISK da0 0 512 hd 0 sc 0
0 DISK cd0 0 2048 hd 0 sc 0
0 DISK mfid0 598879502336 512 hd 255 sc 63
1 PART mfid0p3 4026497024 512 i 3 o 594852987904 ty freebsd-swap xs GPT xt 516e7cb5-6ecf-11d6-8ff8-00022d09712b
1 PART mfid0p2 594852904960 512 i 2 o 82944 ty freebsd-ufs xs GPT xt 516e7cb6-6ecf-11d6-8ff8-00022d09712b
1 PART mfid0p1 65536 512 i 1 o 17408 ty freebsd-boot xs GPT xt 83bd6b9d-7f41-11dc-be0b-001560b84f0f
2 LABEL gptid/df230923-a8fe-11e3-873a-00255c3da56c 65536 512 i 0 o 0
kern.geom.debugflags: 0
kern.geom.notaste: 0
kern.geom.collectstats: 1
kern.geom.label.debug: 0
kern.geom.label.ext2fs.enable: 1
kern.geom.label.iso9660.enable: 1
kern.geom.label.msdosfs.enable: 1
kern.geom.label.ntfs.enable: 1
kern.geom.label.reiserfs.enable: 1
kern.geom.label.ufsid.enable: 1
kern.geom.label.ufs.enable: 1
kern.geom.label.gpt.enable: 1
kern.geom.label.gptid.enable: 1
kern.geom.label.disk_ident.enable: 1
kern.geom.part.check_integrity: 1
kern.geom.raid.enable: 1
kern.geom.raid.aggressive_spare: 0
kern.geom.raid.debug: 0
kern.geom.raid.read_err_thresh: 10
kern.geom.raid.start_timeout: 30
kern.geom.raid.clean_time: 5
kern.geom.raid.disconnect_on_failure: 1
kern.geom.raid.name_format: 0
kern.geom.raid.idle_threshold: 1000000
kern.geom.raid.legacy_aliases: 1
kern.geom.raid.ddf.enable: 1
kern.geom.raid.intel.enable: 1
kern.geom.raid.jmicron.enable: 1
kern.geom.raid.nvidia.enable: 1
kern.geom.raid.promise.enable: 1
kern.geom.raid.sii.enable: 1
kern.geom.raid.concat.enable: 1
kern.geom.raid.raid0.enable: 1
kern.geom.raid.raid1.rebuild_slab_size: 1048576
kern.geom.raid.raid1.rebuild_fair_io: 20
kern.geom.raid.raid1.rebuild_cluster_idle: 100
kern.geom.raid.raid1.rebuild_meta_update: 1024
kern.geom.raid.raid1.enable: 1
kern.geom.raid.raid1e.rebuild_slab_size: 1048576
kern.geom.raid.raid1e.rebuild_fair_io: 20
kern.geom.raid.raid1e.rebuild_cluster_idle: 100
kern.geom.raid.raid1e.rebuild_meta_update: 1024
kern.geom.raid.raid1e.enable: 1
kern.geom.raid.raid5.enable: 1
kern.elf64.fallback_brand: -1
kern.elf64.nxstack: 1
kern.elf32.fallback_brand: -1
kern.elf32.nxstack: 1
kern.elf32.read_exec: 0
kern.init_path: /sbin/init:/sbin/oinit:/sbin/init.bak:/rescue/init
kern.init_shutdown_timeout: 120
kern.acct_suspend: 2
kern.acct_resume: 4
kern.acct_chkfreq: 15
kern.acct_configured: 0
kern.acct_suspended: 0
kern.cp_time: 274 0 1436 82 627934
kern.cp_times: 3 0 558 35 19608 8 0 24 3 19627 22 0 46 0 19594 21 0 47 0 19594 2 0 19 1 19640 13 0 23 16 19610 34 0 21 9 19598 5 0 30 1 19626 4 0 24 0 19634
7 0 25 0 19630 3 0 28 0 19631 3 0 28 0 19631 37 0 28 1 19596 5 0 33 1 19623 22 0 30 0 19610 9 0 31 1 19621 0 0 26 1 19635 0 0 26 0 19636 3 0 37 2 19620 3 0
25 2 19632 4 0 22 2 19634 13 0 34 0 19615 20 0 28 1 19613 2 0 35 0 19625 5 0 37 1 19619 5 0 22 0 19635 4 0 30 0 19628 1 0 22 0 19639 3 0 29 2 19628 8 0 22 0
19632 4 0 30 3 19625 1 0 16 0 19645
kern.console: ttyv0,/ttyv0,uart,
kern.consmute: 0
kern.consmgbuf_size: 8192
kern.constty_wakeups_per_second: 5
kern.openfiles: 53
kern.eventtimer.et.LAPIC.flags: 7
kern.eventtimer.et.LAPIC.frequency: 50000965
kern.eventtimer.et.LAPIC.quality: 600

```

```

kern.eventtimer.et.i8254.flags: 1
kern.eventtimer.et.i8254.frequency: 1193182
kern.eventtimer.et.i8254.quality: 100
kern.eventtimer.et.RTC.flags: 17
kern.eventtimer.et.RTC.frequency: 32768
kern.eventtimer.et.RTC.quality: 0
kern.eventtimer.et.HPET.flags: 3
kern.eventtimer.et.HPET.frequency: 14318180
kern.eventtimer.et.HPET.quality: 350
kern.eventtimer.et.HPET1.flags: 3
kern.eventtimer.et.HPET1.frequency: 14318180
kern.eventtimer.et.HPET1.quality: 340
kern.eventtimer.et.HPET2.flags: 3
kern.eventtimer.et.HPET2.frequency: 14318180
kern.eventtimer.et.HPET2.quality: 340
kern.eventtimer.et.HPET3.flags: 3
kern.eventtimer.et.HPET3.frequency: 14318180
kern.eventtimer.et.HPET3.quality: 340
kern.eventtimer.et.HPET4.flags: 3
kern.eventtimer.et.HPET4.frequency: 14318180
kern.eventtimer.et.HPET4.quality: 340
kern.eventtimer.et.HPET5.flags: 3
kern.eventtimer.et.HPET5.frequency: 14318180
kern.eventtimer.et.HPET5.quality: 340
kern.eventtimer.et.HPET6.flags: 3
kern.eventtimer.et.HPET6.frequency: 14318180
kern.eventtimer.et.HPET6.quality: 340
kern.eventtimer.et.HPET7.flags: 3
kern.eventtimer.et.HPET7.frequency: 14318180
kern.eventtimer.et.HPET7.quality: 340
kern.eventtimer.choice: LAPIC(600) HPET(350) HPET1(340) HPET2(340) HPET3(340) HPET4(340) HPET5(340) HPET6(340) HPET7(340) i8254(100) RTC(0)
kern.eventtimer.singlemul: 2
kern.eventtimer.idletick: 0
kern.eventtimer.timer: LAPIC
kern.eventtimer.periodic: 0
kern.kq_calloutmax: 4096
kern.stackprot: 7
kern.ps_arg_cache_limit: 256
kern.disallow_high_osrel: 0
kern.lastpid: 4454
kern.randompid: 0
kern.ktrace.genio_size: 4096
kern.ktrace.request_pool: 100
kern.module_path: /boot/kernel;/boot/modules
kern.malloc_count: 342
kern.ident: GENERIC
kern.compiler_version: FreeBSD clang version 3.3 (tags/RELEASE_33/final 183502) 20130610
kern.maxusers: 4427
kern.supported_archs: amd64 i386
kern.confctx: options CONFIG_AUTOGENERATED
ident GENERIC
machine amd64
cpu HAMMER
makeoptions WITH_CTF=1
makeoptions DEBUG=-g
options XENHVM
options USB_DEBUG
options ATH_ENABLE_11N
options AH_ARS416_INTERRUPT_MITIGATION
options AH_SUPPORT_ARS416
options IEEE80211_SUPPORT_MESH
options IEEE80211_AMPDU_AGE
options IEEE80211_DEBUG
options SC_PIXEL_MODE
options VESA
options AHD_REG_PRETTY_PRINT
options AHC_REG_PRETTY_PRINT
options ATA_STATIC_ID
options SMP
options KDB_TRACE
options KDB
options INCLUDE_CONFIG_FILE
options DDB_CTF
options KDTRACE_HOOKS
options KDTRACE_FRAME
options MAC
options PROCDESC
options CAPABILITIES
options CAPABILITY_MODE
options AUDIT
options HWPMC_HOOKS
options KBD_INSTALL_CDEV
options PRINTF_BUFR_SIZE=128
options _KPOSIX_PRIORITY_SCHEDULING
options SYSVSEM
options SYSVMSG
options SYSVSHM
options STACK
options KTRACE
options SCSI_DELAY=5000

```


options COMPAT_FREEBSD7
options COMPAT_FREEBSD6
options COMPAT_FREEBSD5
options COMPAT_FREEBSD4
options COMPAT_FREEBSD32
options GEOM_LABEL
options GEOM_RAID
options GEOM_PART_GPT
options PSEUDOFSTFS
options PROCFS
options CD9660
options MSDOSFS
options NFS_ROOT
options NFSLOCKD
options NFSD
options NFSL
options MD_ROOT
options QUOTA
options UFS_GJOURNAL
options UFS_DIRHASH
options UFS_ACL
options SOFTUPDATES
options FFS
options SCTP
options TCP_OFFLOAD
options INET6
options INET
options PREEMPTION
options SCHED_ULE
options NEW_PCIB
options GEOM_PART_MBR
options GEOM_PART_EBR_COMPAT
options GEOM_PART_EBR
options GEOM_PART_BSD
device isa
device mem
device io
device uart_ns8250
device cpufreq
device acpi
device pci
device fdc
device ahci
device ata
device mvs
device siis
device ahc
device ahd
device esp
device hptiop
device isp
device mpt
device mps
device sym
device trm
device adv
device adw
device aic
device bt
device isci
device scbus
device ch
device da
device sa
device cd
device pass
device ses
device amr
device arcmsr
device ciss
device dpt
device hptmv
device hptnr
device hptrr
device hpt27xx
device iir
device ips
device mly
device twa
device tws
device aac
device aacp
device aacraid
device ida
device mfi
device mlx
device twe
device atkbd
device atkbd
device psm

device kbdmux
device vga
device splash
device sc
device agp
device cbb
device pccard
device cardbus
device uart
device ppc
device pppbus
device lpt
device ppi
device puc
device bxe
device de
device em
device igb
device ixgbe
device le
device ti
device txp
device vx
device miibus
device ae
device age
device alc
device ale
device bce
device bfe
device bge
device cas
device dc
device et
device fxp
device gem
device hme
device jme
device lge
device msk
device nfe
device nge
device pcn
device re
device rl
device sf
device sge
device sis
device sk
device ste
device stge
device tl
device tx
device vge
device vr
device wb
device xl
device cs
device ed
device ex
device ep
device fe
device sn
device xe
device wlan
device wlan_wep
device wlan_ccmp
device wlan_tkip
device wlan_amrr
device an
device ath
device ath_pci
device ath_hal
device ath_rate_sample
device ipw
device iwi
device iwn
device malo
device mwl
device ral
device wi
device wpi
device loop
device random
device padlock_rng
device rdrand_rng
device ether
device vlan
device tun
device md

```
device gif
device faith
device firmware
device bpf
device uhci
device ohci
device ehci
device xhci
device usb
device ukbd
device umass
device sound
device snd_cmi
device snd_csa
device snd_emu10kx
device snd_es137x
device snd_hda
device snd_ich
device snd_via8233
device mmc
device mmcsd
device sdhci
device virtio
device virtio_pci
device vtnet
device virtio_blk
device virtio_scsi
device virtio_balloon
device hyperv
device xenpci
device vmx
kern.features.scbus: 1
kern.features.compat_freebsd_32bit: 1
kern.features.ata_cam: 1
kern.features.nfscl: 1
kern.features.nfsd: 1
kern.features.geom_label: 1
kern.features.geom_part_bsd: 1
kern.features.geom_part_ebr: 1
kern.features.geom_part_ebr_compat: 1
kern.features.geom_part_gpt: 1
kern.features.geom_part_mbr: 1
kern.features.kposix_priority_scheduling: 1
kern.features.kdtrace_hooks: 1
kern.features.ktrace: 1
kern.features.compat_freebsd4: 1
kern.features.compat_freebsd5: 1
kern.features.compat_freebsd6: 1
kern.features.compat_freebsd7: 1
kern.features.hwpmc_hooks: 1
kern.features.stack: 1
kern.features.security_capability_mode: 1
kern.features.security_capabilities: 1
kern.features.process_descriptors: 1
kern.features.sysv_msg: 1
kern.features.sysv_sem: 1
kern.features.sysv_shm: 1
kern.features.posix_shm: 1
kern.features.inet: 1
kern.features.inet6: 1
kern.features.audit: 1
kern.features.security_mac: 1
kern.features.uffs_snapshot: 1
kern.features.softupdates: 1
kern.features.ufs_acl: 1
kern.features.ufs_gjournal: 1
kern.features.ufs_quota: 1
kern.features.ufs_quota64: 1
kern.pid_max: 99999
kern.fallback_elf_brand: -1
kern.hwpmc.softevents: 16
kern.kstack_pages: 4
kern.sync_on_panic: 0
kern.shutdown.show_busybufs: 0
kern.shutdown.poweroff_delay: 5000
kern.shutdown.kproc_shutdown_wait: 60
kern.shutdown.dumpdevname: mfid0p3
kern.forcesigexit: 1
kern.sigqueue.max_pending_per_proc: 128
kern.sigqueue.preallocate: 1024
kern.sigqueue.overflow: 0
kern.sigqueue.alloc_fail: 0
kern.sugid_coredump: 0
kern.capmode_coredump: 0
kern.coredump: 1
kern.nodump_coredump: 0
kern.corefile: %N.core
kern.fscale: 2048
kern.timecounter.tc.i8254.mask: 65535
kern.timecounter.tc.i8254.counter: 32028
```

```

kern.timecounter.tc.i8254.frequency: 1193182
kern.timecounter.tc.i8254.quality: 0
kern.timecounter.tc.HPET.mask: 4294967295
kern.timecounter.tc.HPET.counter: 386531829
kern.timecounter.tc.HPET.frequency: 14318180
kern.timecounter.tc.HPET.quality: 950
kern.timecounter.tc.ACPI-fast.mask: 16777215
kern.timecounter.tc.ACPI-fast.counter: 9394142
kern.timecounter.tc.ACPI-fast.frequency: 3579545
kern.timecounter.tc.ACPI-fast.quality: 900
kern.timecounter.tc.TSC-low.mask: 4294967295
kern.timecounter.tc.TSC-low.counter: 3709570099
kern.timecounter.tc.TSC-low.frequency: 1450027620
kern.timecounter.tc.TSC-low.quality: 1000
kern.timecounter.stepwarnings: 0
kern.timecounter.alloweddeviation: 5
kern.timecounter.hardware: TSC-low
kern.timecounter.choice: TSC-low(1000) ACPI-fast(900) HPET(950) i8254(0) dummy(-1000000)
kern.timecounter.tick: 1
kern.timecounter.fast_gettime: 1
kern.timecounter.invariant_tsc: 1
kern.timecounter.smp_tsc: 1
kern.timecounter.smp_tsc_adjust: 0
kern.timecounter.tsc_shift: 1
kern.threads.max_threads_per_proc: 1500
kern.threads.max_threads_hits: 0
kern.ncallout: 18508
kern.callout_stat: 0
kern.sched.cpusetsize: 8
kern.sched.preemption: 1
kern.sched.name: ULE
kern.sched.quantum: 94488
kern.sched.slice: 12
kern.sched.interact: 30
kern.sched.preempt_thresh: 80
kern.sched.static_boost: 152
kern.sched.idlespins: 10000
kern.sched.idlespinthresh: 157
kern.sched.affinity: 1
kern.sched.balance: 1
kern.sched.balance_interval: 127
kern.sched.steal_idle: 1
kern.sched.steal_thresh: 2
kern.sched.topology_spec: <groups>
<group level="1" cache-level="0">
<cpu count="32" mask="ffffffff">0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31</cpu>
<children>
<group level="2" cache-level="2">
<cpu count="16" mask="ffff">0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15</cpu>
<children>
<group level="3" cache-level="1">
<cpu count="2" mask="3">0, 1</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
<cpu count="2" mask="c">2, 3</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
<cpu count="2" mask="30">4, 5</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
<cpu count="2" mask="c0">6, 7</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
<cpu count="2" mask="300">8, 9</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
<cpu count="2" mask="c00">10, 11</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
<cpu count="2" mask="3000">12, 13</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
<cpu count="2" mask="c000">14, 15</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
</children>
</group>
<group level="2" cache-level="2">
<cpu count="16" mask="ffff0000">16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31</cpu>
<children>
<group level="3" cache-level="1">
<cpu count="2" mask="30000">16, 17</cpu>
<flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>

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</group>
<group level="3" cache-level="1">
  <cpu count="2" mask="c0000">18, 19</cpu>
  <flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
  <cpu count="2" mask="300000">20, 21</cpu>
  <flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
  <cpu count="2" mask="c00000">22, 23</cpu>
  <flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
  <cpu count="2" mask="3000000">24, 25</cpu>
  <flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
  <cpu count="2" mask="c000000">26, 27</cpu>
  <flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
  <cpu count="2" mask="30000000">28, 29</cpu>
  <flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
<group level="3" cache-level="1">
  <cpu count="2" mask="c0000000">30, 31</cpu>
  <flags><flag name="THREAD">THREAD group</flag><flag name="SMT">SMT group</flag></flags>
</group>
</children>
</group>
</children>
</group>
</groups>
kern.ccpu: 0
kern.devstat.numdevs: 11
kern.devstat.generation: 501
kern.devstat.version: 6
kern.hintmode: 0
kern.kobj_methodcount: 227
kern.log_wakeups_per_second: 5
kern.msgbuf_show_timestamp: 0
kern.hz: 1000
kern.nbuf: 105931
kern.nsbbuf: 256
kern.msgbufsize: 98304
kern.maxswzone: 0
kern.maxbcache: 0
kern.bio_transient_maxcnt: 1024
kern.maxtsiz: 134217728
kern.dfltsiz: 34359738368
kern.maxdsiz: 34359738368
kern.dflssiz: 8388608
kern.maxssiz: 536870912
kern.sgrowsiz: 131072
kern.vm_guest: none
kern.log_console_output: 1
kern.log_console_add_linefeed: 0
kern.always_console_output: 0
kern.msgbuf:
kern.msgbuf_clear: 0
kern.smp.maxid: 31
kern.smp.maxcpus: 64
kern.smp.active: 1
kern.smp.disabled: 0
kern.smp.cpus: 32
kern.smp.topology: 0
kern.smp.forward_signal_enabled: 1
kern.tty_inq_flush_secure: 1
kern.tty_nin: 223
kern.tty_nout: 28829
kern.filedelay: 30
kern.dirdelay: 29
kern.metadelay: 28
kern.minnodes: 291121
kern.chroot_allow_open_directories: 1
vm.vmtotal:
System wide totals computed every five seconds: (values in kilobytes)
=====
Processes:          (RUNQ: 1 Disk Wait: 0 Page Wait: 0 Sleep: 18)
Virtual Memory:    (Total: 425404K Active: 412308K)
Real Memory:       (Total: 214024K Active: 24636K)
Shared Virtual Memory: (Total: 5324K Active: 5324K)
Shared Real Memory: (Total: 4940K Active: 4940K)
Free Memory:       64861676K
vm.loadavg: { 0.19 0.26 0.13 }
vm.v_free_min: 102889
vm.v_free_target: 347662
vm.v_free_reserved: 21298
vm.v_inactive_target: 521493

```

vm.v_cache_min: 0
vm.v_cache_max: 0
vm.v_pageout_free_min: 34
vm.swap_enabled: 1
vm.md_malloc_wait: 0
vm.kmem_size: 66840629248
vm.kmem_size_min: 0
vm.kmem_size_max: 1319413950874
vm.kmem_size_scale: 1
vm.kmem_map_size: 99926016
vm.kmem_map_free: 66740703232
vm.swap_total: 4026494976
vm.swap_reserved: 214155264
vm.overcommit: 0
vm.swap_async_max: 4
vm.dnmax: 32
vm.nswapdev: 1
vm.zone_count: 97
vm.zone_warnings: 1
vm.kstack_cache_size: 128
vm.kstacks: 226
vm.swap_idle_threshold1: 2
vm.swap_idle_threshold2: 10
vm.exec_map_entries: 16
vm.min_kernel_address: 18446741874686296064
vm.max_kernel_address: 18446744073709547520
vm.v_free_severe: 62093
vm.stats.sys.v_swch: 109489
vm.stats.sys.v_trap: 236017
vm.stats.sys.v_syscall: 246613
vm.stats.sys.v_intr: 7845
vm.stats.sys.v_soft: 5471
vm.stats.vm.v_vm_faults: 221348
vm.stats.vm.v_io_faults: 357
vm.stats.vm.v_cow_faults: 117258
vm.stats.vm.v_cow_optim: 889
vm.stats.vm.v_zfod: 62675
vm.stats.vm.v_ozfod: 0
vm.stats.vm.v_swapin: 0
vm.stats.vm.v_swapout: 0
vm.stats.vm.v_swappgsin: 0
vm.stats.vm.v_swappgsout: 0
vm.stats.vm.v_vnodein: 443
vm.stats.vm.v_vnodeout: 0
vm.stats.vm.v_vnodepgsin: 3246
vm.stats.vm.v_vnodepgsout: 0
vm.stats.vm.v_intrans: 0
vm.stats.vm.v_reactivated: 0
vm.stats.vm.v_pdwakeup: 0
vm.stats.vm.v_pdpages: 702
vm.stats.vm.v_tcached: 144
vm.stats.vm.v_dfree: 0
vm.stats.vm.v_pfree: 132925
vm.stats.vm.v_tfree: 483676
vm.stats.vm.v_page_size: 4096
vm.stats.vm.v_page_count: 16318513
vm.stats.vm.v_free_reserved: 21298
vm.stats.vm.v_free_target: 347662
vm.stats.vm.v_free_min: 102889
vm.stats.vm.v_free_count: 16215275
vm.stats.vm.v_wire_count: 95988
vm.stats.vm.v_active_count: 3259
vm.stats.vm.v_inactive_target: 521493
vm.stats.vm.v_inactive_count: 3759
vm.stats.vm.v_cache_count: 144
vm.stats.vm.v_cache_min: 0
vm.stats.vm.v_cache_max: 0
vm.stats.vm.v_pageout_free_min: 34
vm.stats.vm.v_interrupt_free_min: 2
vm.stats.vm.v_forks: 4120
vm.stats.vm.v_vforks: 318
vm.stats.vm.v_rforks: 0
vm.stats.vm.v_kthreads: 16
vm.stats.vm.v_forkpages: 145725
vm.stats.vm.v_vforkpages: 11607
vm.stats.vm.v_rforkpages: 0
vm.stats.vm.v_kthreadpages: 0
vm.stats.misc.zero_page_count: 26
vm.stats.misc.cnt_prezero: 0
vm.stats.object.collapses: 12971
vm.stats.object.bypasses: 1408
vm.old_mlock: 0
vm.old_msync: 0
vm.boot_pages: 64
vm.tryrelock_restart: 0
vm.pageout_wakeup_thresh: 113168
vm.max_laundry: 32
vm.pageout_update_period: 600
vm.lowmem_period: 10
vm.swap_idle_enabled: 0

```

vm.defer_swapspace_pageouts: 0
vm.disable_swapspace_pageouts: 0
vm.pageout_lock_miss: 0
vm.max_wired: 5412152
vm.phys_free:
DOMAIN 0:
FREE LIST 0:
  ORDER (SIZE) | NUMBER
                | POOL 0 | POOL 1 | POOL 2
  ---
12 ( 16384K) | 3950 | 0 | 0
11 ( 8192K) | 1 | 0 | 0
10 ( 4096K) | 1 | 0 | 0
9 ( 2048K) | 1 | 1 | 0
8 ( 1024K) | 1 | 0 | 0
7 ( 512K) | 0 | 1 | 0
6 ( 256K) | 1 | 0 | 0
5 ( 128K) | 1 | 0 | 0
4 ( 64K) | 1 | 1 | 3
3 ( 32K) | 1 | 0 | 5
2 ( 16K) | 1 | 0 | 8
1 ( 8K) | 1 | 1 | 11
0 ( 4K) | 1 | 1 | 2
FREE LIST 1:
  ORDER (SIZE) | NUMBER
                | POOL 0 | POOL 1 | POOL 2
  ---
12 ( 16384K) | 0 | 0 | 0
11 ( 8192K) | 0 | 0 | 0
10 ( 4096K) | 0 | 0 | 0
9 ( 2048K) | 0 | 0 | 0
8 ( 1024K) | 1 | 0 | 0
7 ( 512K) | 0 | 0 | 0
6 ( 256K) | 1 | 0 | 0
5 ( 128K) | 1 | 0 | 0
4 ( 64K) | 1 | 0 | 0
3 ( 32K) | 1 | 0 | 0
2 ( 16K) | 1 | 0 | 0
1 ( 8K) | 1 | 0 | 0
0 ( 4K) | 1 | 0 | 0
vm.phys_segs:
SEGMENT 0:
start: 0x10000
end: 0x95000
domain: 0
free list: 0xffffffff814842b8
SEGMENT 1:
start: 0x100000
end: 0x200000
domain: 0
free list: 0xffffffff814842b8
SEGMENT 2:
start: 0x1815000
end: 0x7cf38000
domain: 0
free list: 0xffffffff81483f10
SEGMENT 3:
start: 0x100000000
end: 0x1014789000
domain: 0
free list: 0xffffffff81483f10
vm.ndomains: 1
vm.reserv.broken: 0
vm.reserv.freed: 15463
vm.reserv.partpopq:
LEVEL SIZE NUMBER
-1: 124260K, 74
vm.reserv.reclaimed: 0
vm.idlezero_enable: 0
vm.pmap.pat_works: 1
vm.pmap.pg_ps_enabled: 1
vm.pmap.pcid_enabled: 1
vm.pmap.invpcid_works: 0
vm.pmap.pcid_save_cnt: 38959
vm.pmap.pde.demotions: 284
vm.pmap.pde.mappings: 0
vm.pmap.pde.p_failures: 108
vm.pmap.pde.promotions: 358
vm.pmap.pdpe.demotions: 3
vm.kvm_size: 2199023251456
vm.kvm_free: 2129104203776
vfs.ufs.dirhash_minsize: 2560
vfs.ufs.dirhash_maxmem: 27111424
vfs.ufs.dirhash_mem: 49180
vfs.ufs.dirhash_dochck: 0
vfs.ufs.dirhash_lowmemcount: 0
vfs.ufs.dirhash_reclaimage: 60
vfs.ufs.rename_restarts: 0
vfs.nfs.downdelayinitial: 12
vfs.nfs.downdelayinterval: 30

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vfs.nfs.bufpackets: 4
vfs.nfs.reconnects: 0
vfs.nfs.nfs3_jukebox_delay: 10
vfs.nfs.skip_wcc_data_onerr: 1
vfs.nfs.realign_test: 0
vfs.nfs.realign_count: 0
vfs.nfs.callback_addr:
vfs.nfs.debuglevel: 0
vfs.nfs.access_cache_timeout: 60
vfs.nfs.prime_access_cache: 0
vfs.nfs.commit_on_close: 0
vfs.nfs.clean_pages_on_close: 1
vfs.nfs.nfs_directio_enable: 0
vfs.nfs.nfs_keep_dirty_on_error: 0
vfs.nfs.nfs_directio_allow_mmap: 1
vfs.nfs.nfs_ip_paranoid: 1
vfs.nfs.diskless_valid: 0
vfs.nfs.diskless_rootpath:
vfs.nfs.iocmdidle: 120
vfs.nfs.iocmdin: 0
vfs.nfs.iocmdmax: 20
vfs.nfs.defect: 0
vfs.devfs.generation: 238
vfs.devfs.rule_depth: 1
vfs.nfsd.disable_checkutf8: 0
vfs.nfsd.nfs_privport: 0
vfs.nfsd.server_min_nfsvers: 2
vfs.nfsd.server_max_nfsvers: 4
vfs.nfsd.async: 0
vfs.nfsd.mirrormnt: 1
vfs.nfsd.commit_blks: 0
vfs.nfsd.commit_miss: 0
vfs.nfsd.issue_delegations: 0
vfs.nfsd.enable_locallocks: 0
vfs.nfsd.tcphighwater: 0
vfs.nfsd.udphighwater: 500
vfs.nfsd.tcpcachetime: 43200
vfs.nfsd.cachetcp: 1
vfs.nfsd.minthreads: 1
vfs.nfsd.maxthreads: 1
vfs.nfsd.threads: 0
vfs.nfsd.request_space_used: 0
vfs.nfsd.request_space_used_highest: 0
vfs.nfsd.request_space_high: 47185920
vfs.nfsd.request_space_low: 31457280
vfs.nfsd.request_space_throttled: 0
vfs.nfsd.request_space_throttle_count: 0
vfs.nfsd.fha.enable: 1
vfs.nfsd.fha.bin_shift: 22
vfs.nfsd.fha.max_nfsds_per_fh: 8
vfs.nfsd.fha.max_reqs_per_nfsd: 0
vfs.nfsd.fha.fhe_stats: No file handle entries.
vfs.pfs.trace: 0
vfs.pfs.vncache.entries: 0
vfs.pfs.vncache.maxentries: 0
vfs.pfs.vncache.hits: 0
vfs.pfs.vncache.misses: 0
vfs.acl_nfs4_old_semantics: 0
vfs.vmioidrenable: 1
vfs.runningbufspace: 0
vfs.bufspace: 27475968
vfs.unmapped_bufspace: 21757952
vfs.maxbufspace: 1735573504
vfs.bufmallospace: 0
vfs.maxmallocbufspace: 86745907
vfs.lobufspace: 1734852608
vfs.hibufspace: 1734918144
vfs.bufreuscnt: 862
vfs.buffreekvacnt: 20
vfs.bufdefragcnt: 0
vfs.lorunningspace: 11206656
vfs.hirunningspace: 16777216
vfs.dirtybufferflushes: 0
vfs.bdwriteskip: 0
vfs.altbufferflushes: 0
vfs.recursiveflushes: 20
vfs.numdirtybuffers: 431
vfs.lodirtybuffers: 13251
vfs.hidirtybuffers: 26502
vfs.dirtybufthresh: 23851
vfs.numfreebuffers: 105499
vfs.lofreebuffers: 5890
vfs.hifreebuffers: 11780
vfs.getnewbufcalls: 892
vfs.getnewbufrestarts: 0
vfs.mappingrestarts: 0
vfs.flushbufqtarget: 100
vfs.notbufdflushes: 0
vfs.barrierwrites: 4
vfs.unmapped_buf_allowed: 1

vfs.flushwithdeps: 0
vfs.ncnegfactor: 16
vfs.ncsizefactor: 2
vfs.cache.numneg: 32
vfs.cache.numcache: 515
vfs.cache.numcalls: 74617
vfs.cache.dothis: 204
vfs.cache.dotdothis: 17
vfs.cache.numchecks: 72496
vfs.cache.nummiss: 1872
vfs.cache.nummisszap: 32
vfs.cache.numposzaps: 36
vfs.cache.numposhits: 58912
vfs.cache.numnegzaps: 370
vfs.cache.numneghits: 13173
vfs.cache.numupgrades: 4
vfs.cache.numfullpathcalls: 4
vfs.cache.numfullpathfail1: 0
vfs.cache.numfullpathfail2: 0
vfs.cache.numfullpathfail4: 0
vfs.cache.numfullpathfound: 4
vfs.write_behind: 1
vfs.read_max: 64
vfs.read_min: 1
vfs.tyenumhash: 1
vfs.lookup_shared: 1
vfs.usermount: 0
vfs.numnodes: 890
vfs.wantfreevnodes: 291121
vfs.freevnodes: 31
vfs.vlru_allow_cache_src: 0
vfs.reassignbufcalls: 936
vfs.timestamp_precision: 0
vfs.worklist_len: 392
vfs.ffs.doasyncfree: 1
vfs.ffs.doreallocblks: 1
vfs.ffs.compute_summary_at_mount: 0
net.local.stream.sendspace: 8192
net.local.stream.recvspace: 8192
net.local.dgram.maxdgram: 2048
net.local.dgram.recvspace: 4096
net.local.seqpacket.maxseqpacket: 8192
net.local.seqpacket.recvspace: 8192
net.local.inflight: 0
net.local.deferred: 0
net.local.recycled: 0
net.local.taskcount: 0
net.inet.ip.portrange.lowfirst: 1023
net.inet.ip.portrange.lowlast: 600
net.inet.ip.portrange.first: 10000
net.inet.ip.portrange.last: 65535
net.inet.ip.portrange.hifirst: 49152
net.inet.ip.portrange.hilast: 65535
net.inet.ip.portrange.reservedhigh: 1023
net.inet.ip.portrange.reservedlow: 0
net.inet.ip.portrange.randomized: 1
net.inet.ip.portrange.randomcps: 10
net.inet.ip.portrange.randomtime: 45
net.inet.ip.forwarding: 0
net.inet.ip.redirect: 1
net.inet.ip.ttl: 64
net.inet.ip.rtxpire: 3600
net.inet.ip.rtxminexpire: 10
net.inet.ip.rtxmaxcache: 128
net.inet.ip.sourceroute: 0
net.inet.ip.intr_queue_maxlen: 256
net.inet.ip.intr_queue_drops: 0
net.inet.ip.accept_sourceroute: 0
net.inet.ip.keepfaith: 0
net.inet.ip.giffttl: 30
net.inet.ip.no_same_prefix: 0
net.inet.ip.random_id_period: 8192
net.inet.ip.random_id_collisions: 0
net.inet.ip.random_id_total: 0
net.inet.ip.mcast.maxgrpsrc: 512
net.inet.ip.mcast.maxsocksrc: 128
net.inet.ip.mcast.loop: 1
net.inet.ip.fastforwarding: 0
net.inet.ip.sendsourcequench: 0
net.inet.ip.random_id: 0
net.inet.ip.check_interface: 0
net.inet.ip.fragpackets: 0
net.inet.ip.maxfragsperpacket: 16
net.inet.ip.maxfragpackets: 127488
net.inet.ip.process_options: 1
net.inet.icmp.maskrepl: 0
net.inet.icmp.icmplim: 200
net.inet.icmp.icmplim_output: 1
net.inet.icmp.maskfake: 0
net.inet.icmp.log_redirect: 0

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net.inet.icmp.reply_src:
net.inet.icmp.reply_from_interface: 0
net.inet.icmp.quotelen: 8
net.inet.icmp.bmcastecho: 0
net.inet.icmp.drop_redirect: 0
net.inet.igmp.recvifkludge: 1
net.inet.igmp.sendra: 1
net.inet.igmp.sendlocal: 1
net.inet.igmp.v1enable: 1
net.inet.igmp.v2enable: 1
net.inet.igmp.legacysupp: 0
net.inet.igmp.default_version: 3
net.inet.igmp.gsrdelay: 10
net.inet.tcp.rfc1323: 1
net.inet.tcp.mssdflt: 536
net.inet.tcp.keepidle: 7200000
net.inet.tcp.keepintvl: 75000
net.inet.tcp.sendspace: 32768
net.inet.tcp.recvspace: 65536
net.inet.tcp.keepinit: 75000
net.inet.tcp.delacktime: 100
net.inet.tcp.v6mssdflt: 1220
net.inet.tcp.cc.algorithm: newreno
net.inet.tcp.cc.available: newreno
net.inet.tcp.hostcache.cachelimit: 15360
net.inet.tcp.hostcache.hashsize: 512
net.inet.tcp.hostcache.bucketlimit: 30
net.inet.tcp.hostcache.count: 0
net.inet.tcp.hostcache.expire: 3600
net.inet.tcp.hostcache.prune: 300
net.inet.tcp.hostcache.purge: 0
net.inet.tcp.log_in_vain: 0
net.inet.tcp.blackhole: 0
net.inet.tcp.delayed_ack: 1
net.inet.tcp.drop_synfin: 0
net.inet.tcp.rfc3042: 1
net.inet.tcp.rfc3390: 1
net.inet.tcp.experimental.initscwnd10: 1
net.inet.tcp.rfc3465: 1
net.inet.tcp.abc_l_var: 2
net.inet.tcp.ecn.enable: 0
net.inet.tcp.ecn.maxretries: 1
net.inet.tcp.insecure_rst: 0
net.inet.tcp.recvbuf_auto: 1
net.inet.tcp.recvbuf_inc: 16384
net.inet.tcp.recvbuf_max: 2097152
net.inet.tcp.path_mtu_discovery: 1
net.inet.tcp.tso: 1
net.inet.tcp.sendbuf_auto: 1
net.inet.tcp.sendbuf_inc: 8192
net.inet.tcp.sendbuf_max: 2097152
net.inet.tcp.reass.maxsegments: 255000
net.inet.tcp.reass.cursegments: 0
net.inet.tcp.reass.overflow: 0
net.inet.tcp.sack.enable: 1
net.inet.tcp.sack.maxholes: 128
net.inet.tcp.sack.globalmaxholes: 65536
net.inet.tcp.sack.globalholes: 0
net.inet.tcp.minmss: 216
net.inet.tcp.log_debug: 0
net.inet.tcp.tcbhashsize: 524288
net.inet.tcp.do_tcpdrain: 1
net.inet.tcp.pcbcount: 3
net.inet.tcp.icmp_may_rst: 1
net.inet.tcp.isn_reseed_interval: 0
net.inet.tcp.soreceive_stream: 0
net.inet.tcp.syncookies: 1
net.inet.tcp.syncookies_only: 0
net.inet.tcp.syncache.bucketlimit: 30
net.inet.tcp.syncache.cachelimit: 15375
net.inet.tcp.syncache.count: 0
net.inet.tcp.syncache.hashsize: 512
net.inet.tcp.syncache.rexmtlimit: 3
net.inet.tcp.syncache.rst_on_sock_fail: 1
net.inet.tcp.msl: 30000
net.inet.tcp.rexmit_min: 30
net.inet.tcp.rexmit_slop: 200
net.inet.tcp.always_keepalive: 1
net.inet.tcp.fast_finwait2_recycle: 0
net.inet.tcp.finwait2_timeout: 60000
net.inet.tcp.keepcnt: 8
net.inet.tcp.rexmit_drop_options: 0
net.inet.tcp.per_cpu_timers: 0
net.inet.tcp.timer_race: 0
net.inet.tcp.maxtcpw: 27767
net.inet.tcp.nolocaltimewait: 0
net.inet.udp.checksum: 1
net.inet.udp.maxdgram: 9216
net.inet.udp.recvspace: 42080
net.inet.udp.log_in_vain: 0
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net.inet.udp.blackhole: 0
net.inet.sctp.sendspace: 1864135
net.inet.sctp.recvspace: 1864135
net.inet.sctp.auto_asconf: 1
net.inet.sctp.ecn_enable: 1
net.inet.sctp.strict_sacks: 1
net.inet.sctp.peer_chkoh: 256
net.inet.sctp.maxburst: 4
net.inet.sctp.fr_maxburst: 4
net.inet.sctp.maxchunks: 509953
net.inet.sctp.tcbhashsize: 1024
net.inet.sctp.pcbhashsize: 256
net.inet.sctp.min_split_point: 2904
net.inet.sctp.chunkscale: 10
net.inet.sctp.delayed_sack_time: 200
net.inet.sctp.sack_freq: 2
net.inet.sctp.sys_resource: 1000
net.inet.sctp.asoc_resource: 10
net.inet.sctp.heartbeat_interval: 30000
net.inet.sctp.pmtu_raise_time: 600
net.inet.sctp.shutdown_guard_time: 180
net.inet.sctp.secret_lifetime: 3600
net.inet.sctp.rto_max: 60000
net.inet.sctp.rto_min: 1000
net.inet.sctp.rto_initial: 3000
net.inet.sctp.init_rto_max: 60000
net.inet.sctp.valid_cookie_life: 60000
net.inet.sctp.init_rtx_max: 8
net.inet.sctp.assoc_rtx_max: 10
net.inet.sctp.path_rtx_max: 5
net.inet.sctp.path_pf_threshold: 65535
net.inet.sctp.add_more_on_output: 1452
net.inet.sctp.incoming_streams: 2048
net.inet.sctp.outgoing_streams: 10
net.inet.sctp.cmt_on_off: 0
net.inet.sctp.nr_sack_on_off: 0
net.inet.sctp.cmt_use_dac: 0
net.inet.sctp.cwnd_maxburst: 1
net.inet.sctp.asconf_auth_nochk: 0
net.inet.sctp.auth_disable: 0
net.inet.sctp.nat_friendly: 1
net.inet.sctp.abc_l_var: 2
net.inet.sctp.max_chained_mbufs: 5
net.inet.sctp.do_sctp_drain: 1
net.inet.sctp.hb_max_burst: 4
net.inet.sctp.abort_at_limit: 0
net.inet.sctp.strict_data_order: 0
net.inet.sctp.min_residual: 1452
net.inet.sctp.max_retran_chunk: 30
net.inet.sctp.log_level: 0
net.inet.sctp.default_cc_module: 0
net.inet.sctp.default_ss_module: 0
net.inet.sctp.default_frag_interleave: 1
net.inet.sctp.mobility_base: 0
net.inet.sctp.mobility_fasthandoff: 0
net.inet.sctp.udp_tunneling_port: 0
net.inet.sctp.enable_sack_immediately: 0
net.inet.sctp.nat_friendly_init: 0
net.inet.sctp.vtag_time_wait: 60
net.inet.sctp.buffer_splitting: 0
net.inet.sctp.initial_cwnd: 3
net.inet.sctp.rttvar_bw: 4
net.inet.sctp.rttvar_rtt: 5
net.inet.sctp.rttvar_eqret: 0
net.inet.sctp.rttvar_steady_step: 20
net.inet.sctp.use_dcccecn: 1
net.inet.sctp.blackhole: 0
net.inet.raw.maxdgram: 9216
net.inet.raw.recvspace: 9216
net.inet.accf.unloadable: 0
net.link.generic.system.ifcount: 13
net.link.ether.inet.max_age: 1200
net.link.ether.inet.maxtries: 5
net.link.ether.inet.useloopback: 1
net.link.ether.inet.proxyall: 0
net.link.ether.inet.wait: 20
net.link.ether.inet.maxhold: 1
net.link.ether.inet.log_arp_wrong_iface: 1
net.link.ether.inet.log_arp_movements: 1
net.link.ether.inet.log_arp_permanent_modify: 1
net.link.ether.inet.allow_multicast: 0
net.link.ether.inet.max_log_per_second: 1
net.link.vlan.soft_pad: 0
net.link.gif.max_nesting: 1
net.link.gif.parallel_tunnels: 0
net.link.ifqmaxlen: 50
net.link.log_link_state_change: 1
net.link.tun.devfs_cloning: 1
net.inet6.ip6.forwarding: 0
net.inet6.ip6.redirect: 1
```

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net.inet6.ip6.hlim: 64
net.inet6.ip6.maxfragpackets: 1019907
net.inet6.ip6.accept_rtadv: 0
net.inet6.ip6.keepfaith: 0
net.inet6.ip6.log_interval: 5
net.inet6.ip6.hdrnestlimit: 15
net.inet6.ip6.dad_count: 1
net.inet6.ip6.auto_flowlabel: 1
net.inet6.ip6.defmcasthlim: 1
net.inet6.ip6.gifhlim: 30
net.inet6.ip6.kame_version: FreeBSD
net.inet6.ip6.use_deprecated: 1
net.inet6.ip6.rr_prune: 5
net.inet6.ip6.v6only: 1
net.inet6.ip6.rtmxocache: 128
net.inet6.ip6.use_tempaddr: 0
net.inet6.ip6.templtime: 86400
net.inet6.ip6.templtime: 604800
net.inet6.ip6.auto_linklocal: 1
net.inet6.ip6.prefer_tempaddr: 0
net.inet6.ip6.use_defaultzone: 0
net.inet6.ip6.maxfrags: 1019907
net.inet6.ip6.mcast_pmtu: 0
net.inet6.ip6.no_radr: 0
net.inet6.ip6.norbit_raif: 0
net.inet6.ip6.rfc6204w3: 0
net.inet6.ip6.mcast.maxgrpsrc: 512
net.inet6.ip6.mcast.maxsocksrc: 128
net.inet6.ip6.mcast.loop: 1
net.inet6.ip6.deembed_scopeid: 1
net.inet6.icmp6.rediraccept: 1
net.inet6.icmp6.redirtimeout: 600
net.inet6.icmp6.nd6_prune: 1
net.inet6.icmp6.nd6_delay: 5
net.inet6.icmp6.nd6_umaxtries: 3
net.inet6.icmp6.nd6_rmaxtries: 3
net.inet6.icmp6.nd6_uselookback: 1
net.inet6.icmp6.nodeinfo: 3
net.inet6.icmp6.errppslimit: 100
net.inet6.icmp6.nd6_maxnudhint: 0
net.inet6.icmp6.nd6_debug: 0
net.inet6.icmp6.nd6_maxqueuelen: 1
net.inet6.icmp6.nodeinfo_oldmcprefix: 1
net.inet6.icmp6.nd6_onlink_ns_rfc4861: 0
net.inet6.mld.gsrdelay: 10
net.inet6.mld.v1enable: 1
net.inet6.mld.use_allow: 1
net.bpf.maxinsns: 512
net.bpf.zerocopy_enable: 0
net.bpf.optimize_writers: 0
net.bpf.bufsize: 4096
net.bpf.maxbufsize: 524288
net.ifdescr_maxlen: 1024
net.isr.dispatch: direct
net.isr.maxthreads: 1
net.isr.bindthreads: 0
net.isr.maxqlimit: 10240
net.isr.defaultqlimit: 256
net.isr.maxprot: 16
net.isr.numthreads: 1
net.raw.sendspace: 8192
net.raw.recvspace: 8192
net.fibs: 1
net.add_addr_allfibs: 1
net.my_fibnum: 0
net.route.netisr_maxqlen: 256
net.wlan.nol_timeout: 1800
net.wlan.cac_timeout: 60
net.wlan.debug: 0
net.wlan.ampdu_age: 500
net.wlan.recv_bar: 1
net.wlan.addba_timeout: 250
net.wlan.addba_backoff: 10000
net.wlan.addba_maxtries: 3
net.wlan.hwmp.targetonly: 0
net.wlan.hwmp.pathlifetime: 5000
net.wlan.hwmp.maxpreg_retries: 3
net.wlan.hwmp.net_diameter_traversal_time: 512
net.wlan.hwmp.roottimeout: 5000
net.wlan.hwmp.rootint: 2000
net.wlan.hwmp.rannint: 1000
net.wlan.hwmp.rootconfint: 2000
net.wlan.hwmp.inact: 5000
net.wlan.mesh.gateint: 10000
net.wlan.mesh.retrytimeout: 40
net.wlan.mesh.holdingtimeout: 40
net.wlan.mesh.confirmtimeout: 40
net.wlan.mesh.backofftimeout: 5000
net.wlan.mesh.maxretries: 2
net.wlan.mesh.maxholding: 2
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debug.acpi.acpi_ca_version: 20130823
debug.acpi.enable_debug_objects: 0
debug.acpi.interpreter_slack: 1
debug.acpi.reset_clock: 1
debug.acpi.suspend_bounce: 0
debug.acpi.cpu_unordered: 0
debug.acpi.ec.burst: 0
debug.acpi.ec.polled: 0
debug.acpi.ec.timeout: 750
debug.acpi.batt.batt_sleep_ms: 0
debug.acpi.resume_beeper: 0
debug.ipw: 0
debug.iwi: 0
debug.mddebug: 0
debug.wpi: 0
debug.elf64_legacy_core_dump: 0
debug.elf32_legacy_core_dump: 0
debug.boothowto: 0
debug.bootverbose: 0
debug.cpubufreq.lowest: 0
debug.cpubufreq.verbose: 0
debug.fail_point.sysctl_running: off
debug.fail_point.buf_pressure: off
debug.fail_point.nlm_deny_grant: off
debug.sizeof.cdev: 288
debug.sizeof.cdev_priv: 376
debug.sizeof.g_class: 176
debug.sizeof.g_geom: 176
debug.sizeof.g_provider: 136
debug.sizeof.g_consumer: 96
debug.sizeof.g_bioq: 56
debug.sizeof.vnode: 472
debug.sizeof.proc: 1208
debug.sizeof.bio: 248
debug.sizeof.buf: 600
debug.sizeof.kinfo_proc: 1088
debug.sizeof.devstat: 288
debug.sizeof.namecache: 72
debug.adaptive_machine_arch: 1
debug.osd: 0
debug.rwlock.retry: 10
debug.rwlock.loops: 10000
debug.debugger_on_panic: 1
debug.trace_on_panic: 1
debug.ncores: 5
debug.sx.retries: 10
debug.sx.loops: 10000
debug.umtx.umtx_pi_allocated: 0
debug.clocktime: 0
debug.kdb.current:
debug.kdb.enter: 0
debug.kdb.panic: 0
debug.kdb.trap: 0
debug.kdb.trap_code: 0
debug.kdb.break_to_debugger: 0
debug.kdb.alt_break_to_debugger: 0
debug.rman_debug: 0
debug.iosize_max_clamp: 1
debug.devfs_iosize_max_clamp: 1
debug.nchash: 2097151
debug.numneg: 32
debug.numcache: 515
debug.numcachehv: 54
debug.vfscache: 1
debug.disablecwd: 0
debug.disablefullpath: 0
debug.rush_requests: 0
debug.vnlru_nowhere: 0
debug.vn_io_fault_enable: 1
debug.vn_io_faults: 170
debug.if_tun_debug: 0
debug.nlm_debug: 0
debug.fsckcmds: 0
debug.dopersistence: 0
debug.snapdebug: 0
debug.collectsnapstats: 0
debug.softdep.total.pagedep: 63
debug.softdep.total.inodedep: 483
debug.softdep.total.bmsafemap: 470
debug.softdep.total.newblk: 555
debug.softdep.total.allocdirect: 546
debug.softdep.total.indirdep: 1
debug.softdep.total.allocindir: 9
debug.softdep.total.freefrag: 19
debug.softdep.total.freeblks: 26
debug.softdep.total.freefile: 27
debug.softdep.total.diradd: 482
debug.softdep.total.mkdir: 98
debug.softdep.total.dirrem: 44
debug.softdep.total.newdirblk: 49

debug.softdep.total.freework: 26
debug.softdep.total.freedep: 0
debug.softdep.total.jaddrf: 580
debug.softdep.total.jremref: 56
debug.softdep.total.jmhref: 0
debug.softdep.total.jnewblk: 555
debug.softdep.total.jfreeblk: 0
debug.softdep.total.jfreefrag: 19
debug.softdep.total.jseg: 11
debug.softdep.total.jsegdep: 1210
debug.softdep.total.sbdep: 8
debug.softdep.total.jtrunc: 0
debug.softdep.total.jfsync: 0
debug.softdep.highuse.pagedep: 42
debug.softdep.highuse.inodep: 395
debug.softdep.highuse.bmsafemap: 6
debug.softdep.highuse.newblk: 1
debug.softdep.highuse.allocdirect: 429
debug.softdep.highuse.indirdep: 1
debug.softdep.highuse.allocindir: 9
debug.softdep.highuse.freefrag: 14
debug.softdep.highuse.freeblks: 10
debug.softdep.highuse.freefile: 6
debug.softdep.highuse.diradd: 393
debug.softdep.highuse.mkdir: 76
debug.softdep.highuse.dirrem: 11
debug.softdep.highuse.newdirblk: 38
debug.softdep.highuse.freework: 10
debug.softdep.highuse.freedep: 0
debug.softdep.highuse.jaddrf: 461
debug.softdep.highuse.jremref: 17
debug.softdep.highuse.jmhref: 0
debug.softdep.highuse.jnewblk: 425
debug.softdep.highuse.jfreeblk: 0
debug.softdep.highuse.jfreefrag: 2
debug.softdep.highuse.jseg: 9
debug.softdep.highuse.jsegdep: 914
debug.softdep.highuse.sbdep: 1
debug.softdep.highuse.jtrunc: 0
debug.softdep.highuse.jfsync: 0
debug.softdep.current.pagedep: 40
debug.softdep.current.inodep: 389
debug.softdep.current.bmsafemap: 1
debug.softdep.current.newblk: 0
debug.softdep.current.allocdirect: 428
debug.softdep.current.indirdep: 1
debug.softdep.current.allocindir: 9
debug.softdep.current.freefrag: 2
debug.softdep.current.freeblks: 0
debug.softdep.current.freefile: 0
debug.softdep.current.diradd: 389
debug.softdep.current.mkdir: 75
debug.softdep.current.dirrem: 0
debug.softdep.current.newdirblk: 38
debug.softdep.current.freework: 0
debug.softdep.current.freedep: 0
debug.softdep.current.jaddrf: 1
debug.softdep.current.jremref: 0
debug.softdep.current.jmhref: 0
debug.softdep.current.jnewblk: 4
debug.softdep.current.jfreeblk: 0
debug.softdep.current.jfreefrag: 0
debug.softdep.current.jseg: 3
debug.softdep.current.jsegdep: 828
debug.softdep.current.sbdep: 0
debug.softdep.current.jtrunc: 0
debug.softdep.current.jfsync: 0
debug.softdep.write.pagedep: 21
debug.softdep.write.inodep: 542
debug.softdep.write.bmsafemap: 13
debug.softdep.write.newblk: 0
debug.softdep.write.allocdirect: 61
debug.softdep.write.indirdep: 0
debug.softdep.write.allocindir: 9
debug.softdep.write.freefrag: 0
debug.softdep.write.freeblks: 3
debug.softdep.write.freefile: 0
debug.softdep.write.diradd: 0
debug.softdep.write.mkdir: 0
debug.softdep.write.dirrem: 0
debug.softdep.write.newdirblk: 0
debug.softdep.write.freework: 0
debug.softdep.write.freedep: 0
debug.softdep.write.jaddrf: 0
debug.softdep.write.jremref: 0
debug.softdep.write.jmhref: 0
debug.softdep.write.jnewblk: 0
debug.softdep.write.jfreeblk: 0
debug.softdep.write.jfreefrag: 0
debug.softdep.write.jseg: 11

debug.softdep.write.jsegdep: 3
debug.softdep.write.sbdep: 8
debug.softdep.write.jtrunc: 0
debug.softdep.write.jfsync: 0
debug.softdep.max_softdeps: 4657948
debug.softdep.tickdelay: 2
debug.softdep.maxindirdeps: 50
debug.softdep.worklist_push: 0
debug.softdep.blk_limit_push: 0
debug.softdep.ino_limit_push: 0
debug.softdep.blk_limit_hit: 0
debug.softdep.ino_limit_hit: 0
debug.softdep.sync_limit_hit: 0
debug.softdep.indir_blk_ptrs: 0
debug.softdep.inode_bitmap: 10
debug.softdep.direct_blk_ptrs: 17
debug.softdep.dir_entry: 4
debug.softdep.jaddrref_rollback: 0
debug.softdep.jnewblk_rollback: 0
debug.softdep.journal_low: 0
debug.softdep.journal_min: 0
debug.softdep.journal_wait: 2
debug.softdep.jwait_filepage: 0
debug.softdep.jwait_freeblks: 0
debug.softdep.jwait_inode: 1
debug.softdep.jwait_newblk: 1
debug.softdep.cleanup_blkrequests: 0
debug.softdep.cleanup_inorequests: 0
debug.softdep.cleanup_high_delay: 0
debug.softdep.cleanup_retries: 0
debug.softdep.cleanup_failures: 0
debug.softdep.flushcache: 0
debug.bigcgs: 0
debug.dobkgdwrite: 1
debug.dircheck: 0
debug.psm.loglevel: 0
debug.psm.hz: 20
debug.psm.errsecs: 2
debug.psm.errusecs: 0
debug.psm.secs: 0
debug.psm.usecs: 500000
debug.psm.pkterrthresh: 2
debug.vesa.shadow_rom: 0
debug.fdc.fifo: 8
debug.fdc.debugflags: 0
debug.fdc.retries: 10
debug.fdc.spec1: 175
debug.fdc.spec2: 16
debug.fdc.settle: 0
debug.x86bios.call: 0
debug.x86bios.int: 0
debug.hwpstate_verbose: 0
debug.minidump: 1
hw.machine: amd64
hw.model: Intel(R) Xeon(R) CPU E5-2690 0 @ 2.90GHz
hw.ncpu: 32
hw.byteorder: 1234
hw.physmem: 68644667392
hw.usermem: 68251471872
hw.pagesize: 4096
hw.floatingpoint: 1
hw.machine_arch: amd64
hw.realmem: 68719476736
hw.aac.enable_msi: 1
hw.amr.force_sg32: 0
hw.an.an_dump: off
hw.an.an_cache_mode: dbm
hw.an.an_cache_mcastonly: 0
hw.an.an_cache_iponly: 1
hw.ata.ata_dma_check_80pin: 1
hw.ath.longcal: 30
hw.ath.shortcal: 100
hw.ath.resetcal: 1200
hw.ath.amical: 100
hw.ath.rxbuf: 512
hw.ath.txbuf: 512
hw.ath.txbuf_mgmt: 32
hw.ath.bstuck: 4
hw.bce.verbose: 1
hw.bce.tso_enable: 1
hw.bce.msi_enable: 1
hw.bce.rx_pages: 2
hw.bce.tx_pages: 2
hw.bce.hdr_split: 1
hw.bce.strict_rx_mtu: 0
hw.bce.tx_quick_cons_trip_int: 20
hw.bce.tx_quick_cons_trip: 20
hw.bce.tx_ticks_int: 80
hw.bce.tx_ticks: 80
hw.bce.rx_quick_cons_trip_int: 6

hw.bce.rx_quick_cons_trip: 6
hw.bce.rx_ticks_int: 18
hw.bce.rx_ticks: 18
hw.bge.allow_asf: 1
hw.cardbus.debug: 0
hw.cardbus.cis_debug: 0
hw.cs.ignore_checksum_failure: 0
hw.cs.recv_delay: 570
hw.em.tx_int_delay: 66
hw.em.rx_int_delay: 0
hw.em.tx_abs_int_delay: 66
hw.em.rx_abs_int_delay: 66
hw.em.rxd: 1024
hw.em.txd: 1024
hw.em.smart_pwr_down: 0
hw.em.sbp: 0
hw.em.enable_msix: 1
hw.em.rx_process_limit: 100
hw.em.eee_setting: 1
hw.igb.rxd: 1024
hw.igb.txd: 1024
hw.igb.enable_aim: 1
hw.igb.enable_msix: 1
hw.igb.max_interrupt_rate: 8000
hw.igb.buf_ring_size: 4096
hw.igb.header_split: 0
hw.igb.num_queues: 0
hw.igb.rx_process_limit: 100
hw.ix.enable_aim: 1
hw.ix.max_interrupt_rate: 31250
hw.ix.rx_process_limit: 256
hw.ix.tx_process_limit: 256
hw.ix.enable_msix: 1
hw.ix.num_queues: 0
hw.ix.txd: 2048
hw.ix.rxd: 2048
hw.malo.txcoalesce: 8
hw.malo.rxbuf: 256
hw.malo.rxquota: 256
hw.malo.txbuf: 256
hw.malo.pci.msi_disable: 0
hw.mfi.event_locale: 65535
hw.mfi.event_class: 0
hw.mfi.max_cmds: 128
hw.mfi.detect_jbod_change: 1
hw.mfi.polled_cmd_timeout: 60
hw.mfi.cmd_timeout: 30
hw.mfi.msi: 1
hw.mmc.debug: 0
hw.mwl.rxdesc: 256
hw.mwl.rxbuf: 640
hw.mwl.txbuf: 256
hw.mwl.txcoalesce: 8
hw.mwl.rxquota: 640
hw.mwl.rxdmalo: 3
hw.pccard.debug: 0
hw.pccard.cis_debug: 0
hw.cbb.start_memory: 2281701376
hw.cbb.start_16_io: 256
hw.cbb.start_32_io: 4096
hw.cbb.debug: 0
hw.pci.intr_mask: 57016
hw.pci.pd6722_vsense: 1
hw.pci.enable_io_modes: 1
hw.pci.reallocBars: 0
hw.pci.do_power_nodriver: 0
hw.pci.do_power_resume: 1
hw.pci.do_power_suspend: 1
hw.pci.enable_msi: 1
hw.pci.enable_msix: 1
hw.pci.honor_msi_blacklist: 1
hw.pci.usb_early_takeover: 1
hw.pci.default_vgapci_unit: 0
hw.pci.mcfg: 1
hw.pci.host_mem_start: 2147483648
hw.sdhci.debug: 0
hw.sdhci_pci.debug: 0
hw.snd.report_soft_formats: 1
hw.snd.report_soft_matrix: 1
hw.snd.latency: 5
hw.snd.latency_profile: 1
hw.snd.vpc_autoreset: 1
hw.snd.vpc_0db: 45
hw.snd.vpc_reset: 0
hw.snd.compat_linux_mmap: 0
hw.snd.feeder_eq_presets: FEQ:16000,0.2500,62,0.2500:-9,9,1.0:44100,48000,88200,96000,176400,192000
hw.snd.feeder_eq_exact_rate: 0
hw.snd.feeder_rate_presets: 100:8:0.85 100:36:0.92 100:164:0.97
hw.snd.feeder_rate_polyphase_max: 183040
hw.snd.feeder_rate_min: 1

hw.snd.feeder_rate_max: 2016000
hw.snd.feeder_rate_round: 25
hw.snd.feeder_rate_quality: 1
hw.snd.vpc_mixer_bypass: 1
hw.snd.verbose: 0
hw.snd.default_auto: -1
hw.snd.version: 2009061500/amd64
hw.snd.default_unit: -1
hw.snd.maxautovchans: 16
hw.midi.stat.verbose: 0
hw.midi.debug: 0
hw.midi.dumpraw: 0
hw.midi.instrdiff: 0
hw.midi.seq.debug: 0
hw.syscons.saver.keyonly: 1
hw.syscons.bell: 1
hw.syscons.kbd_reboot: 1
hw.syscons.kbd_debug: 1
hw.syscons.sc_no_suspend_vtswitch: 0
hw.broken_txfifo: 0
hw.usb.ehci.debug: 0
hw.usb.ehci.no_hs: 0
hw.usb.ehci.iaadbug: 0
hw.usb.ehci.lostintrbug: 0
hw.usb.oHCI.debug: 0
hw.usb.uhci.debug: 0
hw.usb.uhci.loop: 0
hw.usb.xhci.streams: 0
hw.usb.xhci.debug: 0
hw.usb.xhci.xhci_port_route: 0
hw.usb.xhci.use_polling: 0
hw.usb.ctrl.debug: 0
hw.usb.no_boot_wait: 0
hw.usb.no_suspend_wait: 0
hw.usb.no_shutdown_wait: 0
hw.usb.umass.debug: 0
hw.usb.umass.throttle: 0
hw.usb.debug: 0
hw.usb.timings.port_reset_delay: 50
hw.usb.timings.port_root_reset_delay: 250
hw.usb.timings.port_reset_recovery: 250
hw.usb.timings.port_powerup_delay: 300
hw.usb.timings.port_resume_delay: 40
hw.usb.timings.set_address_settle: 10
hw.usb.timings.resume_delay: 250
hw.usb.timings.resume_wait: 50
hw.usb.timings.resume_recovery: 50
hw.usb.timings.extra_power_up_time: 20
hw.usb.dev.debug: 0
hw.usb.template: 0
hw.usb.usb_lang_id: 9
hw.usb.usb_lang_mask: 255
hw.usb.ugen.debug: 0
hw.usb.uhub.debug: 0
hw.usb.power_timeout: 30
hw.usb.proc.debug: 0
hw.usb.no_cs_fail: 0
hw.usb.full_ddesc: 0
hw.usb.ukbd.debug: 0
hw.usb.ukbd.no_leds: 0
hw.usb.ukbd.pollrate: 0
hw.usb.ums.debug: 0
hw.watchdog.wd_last_u: 0
hw.watchdog.wd_last_u_secs: 0
hw.wi.txrate: 0
hw.wi.debug: 0
hw.xe.debug: 0
hw.intr_storm_threshold: 1000
hw.availpages: 16758952
hw.pagesizes: 4096 2097152 0
hw.bus.devctl_disable: 0
hw.bus.devctl_queue: 1000
hw.clockrate: 2900
hw.instruction_sse: 1
hw.via_feature_rng: 0
hw.via_feature_xcrypt: 0
hw.psm.tap_enabled: -1
hw.psm.tap_threshold: 25
hw.psm.tap_timeout: 125000
hw.bxe.debug: 0
hw.bxe.interrupt_mode: 2
hw.bxe.queue_count: 4
hw.bxe.max_rx_bufs: 4080
hw.bxe.hc_rx_ticks: 25
hw.bxe.hc_tx_ticks: 50
hw.bxe.rx_budget: -1
hw.bxe.max_aggregation_size: 32768
hw.bxe.mrrs: -1
hw.bxe.autogreen: 0
hw.bxe.udp_rss: 0

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hw.kbd.keymap_restrict_change: 0
hw.bsdma.total_bpages: 3692
hw.bsdma.zone0.total_bpages: 64
hw.bsdma.zone0.free_bpages: 64
hw.bsdma.zone0.reserved_bpages: 0
hw.bsdma.zone0.active_bpages: 0
hw.bsdma.zone0.total_bounced: 0
hw.bsdma.zone0.total_deferred: 0
hw.bsdma.zone0.lowaddr: 0xfffffffffffff
hw.bsdma.zone0.alignment: 4096
hw.bsdma.zone1.total_bpages: 3628
hw.bsdma.zone1.free_bpages: 3611
hw.bsdma.zone1.reserved_bpages: 0
hw.bsdma.zone1.active_bpages: 17
hw.bsdma.zone1.total_bounced: 1894
hw.bsdma.zone1.total_deferred: 0
hw.bsdma.zone1.lowaddr: 0xffffffff
hw.bsdma.zone1.alignment: 4096
hw.apic.enable_extint: 0
hw.mca.enabled: 1
hw.mca.amd10h_L1TP: 1
hw.mca.erratum383: 0
hw.mca.count: 0
hw.mca.interval: 3600
hw.mca.force_scan: 0
hw.mca.cmc_throttle: 60
hw.acpi.supported_sleep_state: S1 S4 S5
hw.acpi.power_button_state: S5
hw.acpi.sleep_button_state: S1
hw.acpi.lid_switch_state: NONE
hw.acpi.standby_state: S1
hw.acpi.suspend_state: NONE
hw.acpi.sleep_delay: 1
hw.acpi.s4bios: 0
hw.acpi.verbose: 0
hw.acpi.disable_on_reboot: 0
hw.acpi.handle_reboot: 1
hw.acpi.reset_video: 0
hw.acpi.cpu.cx_lowest: C1
machdep.acpi_timer_freq: 3579545
machdep.enable_panic_key: 0
machdep.rtc_save_period: 1800
machdep.adjkerntz: 0
machdep.wall_cmos_clock: 0
machdep.disable_rtc_set: 0
machdep.disable_mtrrs: 0
machdep.idle_mwait: 1
machdep.idle_available: spin, mwait, hlt, acpi
machdep.idle: acpi
machdep.nkpt: 21
machdep.max_ldt_segment: 1024
machdep.kdb_on_nmi: 1
machdep.panic_on_nmi: 1
machdep.prot_fault_translation: 0
machdep.uprintf_signal: 0
machdep.acpi_root: 984144
machdep.i8254_freq: 1193182
machdep.disable_tsc: 0
machdep.disable_tsc_calibration: 0
machdep.tsc_freq: 2900055240
user.cs_path:
user.bc_base_max: 0
user.bc_dim_max: 0
user.bc_scale_max: 0
user.bc_string_max: 0
user.coll_weights_max: 0
user.expr_nest_max: 0
user.line_max: 0
user.re_dup_max: 0
user.posix2_version: 0
user.posix2_c_bind: 0
user.posix2_c_dev: 0
user.posix2_char_term: 0
user.posix2_fort_dev: 0
user.posix2_fort_run: 0
user.posix2_localedef: 0
user.posix2_sw_dev: 0
user.posix2_upe: 0
user.stream_max: 0
user.tzname_max: 0
p1003_1b.asynchronous_io: 0
p1003_1b.mapped_files: 200112
p1003_1b.memlock: 0
p1003_1b.memlock_range: 0
p1003_1b.memory_protection: 0
p1003_1b.message_passing: 0
p1003_1b.prioritized_io: 0
p1003_1b.priority_scheduling: 200112
p1003_1b.realtime_signals: 200112
p1003_1b.semaphores: 0

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p1003_1b.fsync: 200112
p1003_1b.shared_memory_objects: 200112
p1003_1b.synchronized_io: 0
p1003_1b.timers: 200112
p1003_1b.aio_listio_max: -1
p1003_1b.aio_max: -1
p1003_1b.aio_prio_delta_max: -1
p1003_1b.delaytimer_max: 2147483647
p1003_1b.mq_open_max: 0
p1003_1b.pagesize: 4096
p1003_1b.rtsig_max: 62
p1003_1b.sem_nsems_max: 0
p1003_1b.sem_value_max: 0
p1003_1b.sigqueue_max: 128
p1003_1b.timer_max: 32
compat.ia32.maxdsiz: 536870912
compat.ia32.maxssiz: 67108864
compat.ia32.maxvmem: 0
security.jail.jailed: 0
security.jail.vnet: 0
security.jail.jail_max_af_ips: 255
security.jail.set_hostname_allowed: 1
security.jail.socket_unixiproute_only: 1
security.jail.sysvipc_allowed: 0
security.jail.allow_raw_sockets: 0
security.jail.chflags_allowed: 0
security.jail.mount_allowed: 0
security.jail.mount_devfs_allowed: 0
security.jail.mount_nullfs_allowed: 0
security.jail.mount_procfs_allowed: 0
security.jail.mount_tmpfs_allowed: 0
security.jail.mount_zfs_allowed: 0
security.jail.enforce_statfs: 2
security.jail.devfs_ruleset: 0
security.jail.param.jid: 0
security.jail.param.parent: 0
security.jail.param.name: 256
security.jail.param.path: 1024
security.jail.param.securelevel: 0
security.jail.param.enforce_statfs: 0
security.jail.param.devfs_ruleset: 0
security.jail.param.persist: 0
security.jail.param.dying: 0
security.jail.param.children.cur: 0
security.jail.param.children.max: 0
security.jail.param.host.: 0
security.jail.param.host.hostname: 256
security.jail.param.host.domainname: 256
security.jail.param.host.hostuid: 64
security.jail.param.host.hostid: 0
security.jail.param.cpuset.id: 0
security.jail.param.ip4.: 0
security.jail.param.ip4.saddrsel: 0
security.jail.param.ip6.: 0
security.jail.param.ip6.saddrsel: 0
security.jail.param.allow.set_hostname: 0
security.jail.param.allow.sysvipc: 0
security.jail.param.allow.raw_sockets: 0
security.jail.param.allow.chflags: 0
security.jail.param.allow.quotas: 0
security.jail.param.allow.socket_af: 0
security.jail.param.allow.mount.: 0
security.jail.param.allow.mount.devfs: 0
security.jail.param.allow.mount.nullfs: 0
security.jail.param.allow.mount.procfs: 0
security.jail.param.allow.mount.tmpfs: 0
security.jail.param.allow.mount.zfs: 0
security.bsd.map_at_zero: 0
security.bsd.suser_enabled: 1
security.bsd.unprivileged_mlock: 1
security.bsd.see_other_uids: 1
security.bsd.see_other_gids: 1
security.bsd.conservative_signals: 1
security.bsd.unprivileged_proc_debug: 1
security.bsd.unprivileged_idprio: 0
security.bsd.unprivileged_read_msgbuf: 1
security.bsd.hardlink_check_uid: 0
security.bsd.hardlink_check_gid: 0
security.bsd.unprivileged_get_quota: 0
security.bsd.stack_guard_page: 0
security.mac.version: 4
security.mac.max_slots: 4
security.mac.labeled: 0
security.mac.mmap_revocation: 1
security.mac.mmap_revocation_via_cow: 0
dev.xen.balloon.current: 0
dev.xen.balloon.target: 0
dev.xen.balloon.driver_pages: 0
dev.xen.balloon.hard_limit: 0
dev.xen.balloon.low_mem: 0

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dev.xen.balloon.high_mem: 0
dev.xen.xsd_port: 0
dev.xen.xsd_kva: 0
dev.nexus.0.%driver: nexus
dev.nexus.0.%parent: root0
dev.ram.0.%desc: System RAM
dev.ram.0.%driver: ram
dev.ram.0.%parent: nexus0
dev.acpi.0.%desc: ALASKA 05B0
dev.acpi.0.%driver: acpi
dev.acpi.0.%parent: nexus0
dev.acpi_sysresource.0.%desc: System Resource
dev.acpi_sysresource.0.%driver: acpi_sysresource
dev.acpi_sysresource.0.%location: handle=_SB_.PCI0.IOH_
dev.acpi_sysresource.0.%pnpinfo: _HID=PNP0C01 _UID=10
dev.acpi_sysresource.0.%parent: acpi0
dev.acpi_sysresource.1.%desc: System Resource
dev.acpi_sysresource.1.%driver: acpi_sysresource
dev.acpi_sysresource.1.%location: handle=_SB_.PCI0.VTDR
dev.acpi_sysresource.1.%pnpinfo: _HID=PNP0C02 _UID=4
dev.acpi_sysresource.1.%parent: acpi0
dev.acpi_sysresource.2.%desc: System Resource
dev.acpi_sysresource.2.%driver: acpi_sysresource
dev.acpi_sysresource.2.%location: handle=_SB_.PCI0.SBRG.SI01
dev.acpi_sysresource.2.%pnpinfo: _HID=PNP0C02 _UID=78
dev.acpi_sysresource.2.%parent: acpi0
dev.acpi_sysresource.3.%desc: System Resource
dev.acpi_sysresource.3.%driver: acpi_sysresource
dev.acpi_sysresource.3.%location: handle=_SB_.PCI0.SBRG.RMSC
dev.acpi_sysresource.3.%pnpinfo: _HID=PNP0C02 _UID=16
dev.acpi_sysresource.3.%parent: acpi0
dev.acpi_sysresource.4.%desc: System Resource
dev.acpi_sysresource.4.%driver: acpi_sysresource
dev.acpi_sysresource.4.%location: handle=_SB_.PCI0.SBRG.MBRD
dev.acpi_sysresource.4.%pnpinfo: _HID=PNP0C02 _UID=31
dev.acpi_sysresource.4.%parent: acpi0
dev.acpi_sysresource.5.%desc: System Resource
dev.acpi_sysresource.5.%driver: acpi_sysresource
dev.acpi_sysresource.5.%location: handle=_SB_.PCI0.PCH_
dev.acpi_sysresource.5.%pnpinfo: _HID=PNP0C01 _UID=455
dev.acpi_sysresource.5.%parent: acpi0
dev.acpi_sysresource.6.%desc: System Resource
dev.acpi_sysresource.6.%driver: acpi_sysresource
dev.acpi_sysresource.6.%location: handle=_SB_.PCI0.CWDT
dev.acpi_sysresource.6.%pnpinfo: _HID=INT3F0D _UID=0
dev.acpi_sysresource.6.%parent: acpi0
dev.acpi_sysresource.7.%desc: System Resource
dev.acpi_sysresource.7.%driver: acpi_sysresource
dev.acpi_sysresource.7.%location: handle=_SB_.PCI1.IOH1
dev.acpi_sysresource.7.%pnpinfo: _HID=PNP0C01 _UID=0
dev.acpi_sysresource.7.%parent: acpi0
dev.acpi_sysresource.8.%desc: System Resource
dev.acpi_sysresource.8.%driver: acpi_sysresource
dev.acpi_sysresource.8.%location: handle=_SB_.PCI1.VTDR
dev.acpi_sysresource.8.%pnpinfo: _HID=PNP0C02 _UID=5
dev.acpi_sysresource.8.%parent: acpi0
dev.acpi_sysresource.9.%desc: System Resource
dev.acpi_sysresource.9.%driver: acpi_sysresource
dev.acpi_sysresource.9.%location: handle=_SB_.RMEM
dev.acpi_sysresource.9.%pnpinfo: _HID=PNP0C01 _UID=1
dev.acpi_sysresource.9.%parent: acpi0
dev.acpi_sysresource.10.%desc: System Resource
dev.acpi_sysresource.10.%driver: acpi_sysresource
dev.acpi_sysresource.10.%location: handle=\OMSC
dev.acpi_sysresource.10.%pnpinfo: _HID=PNP0C02 _UID=3601
dev.acpi_sysresource.10.%parent: acpi0
dev.cpu.0.%desc: ACPI CPU
dev.cpu.0.%driver: cpu
dev.cpu.0.%location: handle=_SB_.SCK0.CP00
dev.cpu.0.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.0.%parent: acpi0
dev.cpu.0.%freq: 1400
dev.cpu.0.%freq_levels: 2901/135000 2900/135000 2800/128126 2700/122703 2500/110866 2400/104480 2300/99500 2200/93350 2000/82640 1900/78048 1800/73564
1700/67984 1600/63681 1400/54216 1300/49081 1200/45172 1050/39525 900/33879 750/28232 600/22586 450/16939 300/11293 150/5646
dev.cpu.0.%cx_supported: C1/1/3 C2/2/93
dev.cpu.0.%cx_lowest: C1
dev.cpu.0.%cx_usage: 100.00% 0.00% last 16620us
dev.cpu.1.%desc: ACPI CPU
dev.cpu.1.%driver: cpu
dev.cpu.1.%location: handle=_SB_.SCK0.CP01
dev.cpu.1.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.1.%parent: acpi0
dev.cpu.1.%cx_supported: C1/1/3 C2/2/93
dev.cpu.1.%cx_lowest: C1
dev.cpu.1.%cx_usage: 100.00% 0.00% last 15358us
dev.cpu.2.%desc: ACPI CPU
dev.cpu.2.%driver: cpu
dev.cpu.2.%location: handle=_SB_.SCK0.CP02
dev.cpu.2.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.2.%parent: acpi0

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dev.cpu.2.cx_supported: C1/1/3 C2/2/93
dev.cpu.2.cx_lowest: C1
dev.cpu.2.cx_usage: 100.00% 0.00% last 15642us
dev.cpu.3.%desc: ACPI CPU
dev.cpu.3.%driver: cpu
dev.cpu.3.%location: handle=_SB_.SCK0.CP03
dev.cpu.3.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.3.%parent: acpi0
dev.cpu.3.cx_supported: C1/1/3 C2/2/93
dev.cpu.3.cx_lowest: C1
dev.cpu.3.cx_usage: 100.00% 0.00% last 12449us
dev.cpu.4.%desc: ACPI CPU
dev.cpu.4.%driver: cpu
dev.cpu.4.%location: handle=_SB_.SCK0.CP04
dev.cpu.4.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.4.%parent: acpi0
dev.cpu.4.cx_supported: C1/1/3 C2/2/93
dev.cpu.4.cx_lowest: C1
dev.cpu.4.cx_usage: 100.00% 0.00% last 16196us
dev.cpu.5.%desc: ACPI CPU
dev.cpu.5.%driver: cpu
dev.cpu.5.%location: handle=_SB_.SCK0.CP05
dev.cpu.5.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.5.%parent: acpi0
dev.cpu.5.cx_supported: C1/1/3 C2/2/93
dev.cpu.5.cx_lowest: C1
dev.cpu.5.cx_usage: 100.00% 0.00% last 15030us
dev.cpu.6.%desc: ACPI CPU
dev.cpu.6.%driver: cpu
dev.cpu.6.%location: handle=_SB_.SCK0.CP06
dev.cpu.6.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.6.%parent: acpi0
dev.cpu.6.cx_supported: C1/1/3 C2/2/93
dev.cpu.6.cx_lowest: C1
dev.cpu.6.cx_usage: 100.00% 0.00% last 16755us
dev.cpu.7.%desc: ACPI CPU
dev.cpu.7.%driver: cpu
dev.cpu.7.%location: handle=_SB_.SCK0.CP07
dev.cpu.7.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.7.%parent: acpi0
dev.cpu.7.cx_supported: C1/1/3 C2/2/93
dev.cpu.7.cx_lowest: C1
dev.cpu.7.cx_usage: 100.00% 0.00% last 17036us
dev.cpu.8.%desc: ACPI CPU
dev.cpu.8.%driver: cpu
dev.cpu.8.%location: handle=_SB_.SCK0.CP08
dev.cpu.8.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.8.%parent: acpi0
dev.cpu.8.cx_supported: C1/1/3 C2/2/93
dev.cpu.8.cx_lowest: C1
dev.cpu.8.cx_usage: 100.00% 0.00% last 19413us
dev.cpu.9.%desc: ACPI CPU
dev.cpu.9.%driver: cpu
dev.cpu.9.%location: handle=_SB_.SCK0.CP09
dev.cpu.9.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.9.%parent: acpi0
dev.cpu.9.cx_supported: C1/1/3 C2/2/93
dev.cpu.9.cx_lowest: C1
dev.cpu.9.cx_usage: 100.00% 0.00% last 17598us
dev.cpu.10.%desc: ACPI CPU
dev.cpu.10.%driver: cpu
dev.cpu.10.%location: handle=_SB_.SCK0.CP0A
dev.cpu.10.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.10.%parent: acpi0
dev.cpu.10.cx_supported: C1/1/3 C2/2/93
dev.cpu.10.cx_lowest: C1
dev.cpu.10.cx_usage: 100.00% 0.00% last 17874us
dev.cpu.11.%desc: ACPI CPU
dev.cpu.11.%driver: cpu
dev.cpu.11.%location: handle=_SB_.SCK0.CP0B
dev.cpu.11.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.11.%parent: acpi0
dev.cpu.11.cx_supported: C1/1/3 C2/2/93
dev.cpu.11.cx_lowest: C1
dev.cpu.11.cx_usage: 100.00% 0.00% last 18158us
dev.cpu.12.%desc: ACPI CPU
dev.cpu.12.%driver: cpu
dev.cpu.12.%location: handle=_SB_.SCK0.CP0C
dev.cpu.12.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.12.%parent: acpi0
dev.cpu.12.cx_supported: C1/1/3 C2/2/93
dev.cpu.12.cx_lowest: C1
dev.cpu.12.cx_usage: 100.00% 0.00% last 18431us
dev.cpu.13.%desc: ACPI CPU
dev.cpu.13.%driver: cpu
dev.cpu.13.%location: handle=_SB_.SCK0.CP0D
dev.cpu.13.%npninfo: _HID=ACPI0007 _UID=0
dev.cpu.13.%parent: acpi0
dev.cpu.13.cx_supported: C1/1/3 C2/2/93
dev.cpu.13.cx_lowest: C1

dev.cpu.13.cx_usage: 100.00% 0.00% last 16343us
dev.cpu.14.%desc: ACPI CPU
dev.cpu.14.%driver: cpu
dev.cpu.14.%location: handle=_SB_.SCK0.CP0E
dev.cpu.14.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.14.%parent: acpi0
dev.cpu.14.cx_supported: C1/1/3 C2/2/93
dev.cpu.14.cx_lowest: C1
dev.cpu.14.cx_usage: 100.00% 0.00% last 19002us
dev.cpu.15.%desc: ACPI CPU
dev.cpu.15.%driver: cpu
dev.cpu.15.%location: handle=_SB_.SCK0.CP0F
dev.cpu.15.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.15.%parent: acpi0
dev.cpu.15.cx_supported: C1/1/3 C2/2/93
dev.cpu.15.cx_lowest: C1
dev.cpu.15.cx_usage: 100.00% 0.00% last 19278us
dev.cpu.16.%desc: ACPI CPU
dev.cpu.16.%driver: cpu
dev.cpu.16.%location: handle=_SB_.SCK1.CP10
dev.cpu.16.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.16.%parent: acpi0
dev.cpu.16.cx_supported: C1/1/3 C2/2/93
dev.cpu.16.cx_lowest: C1
dev.cpu.16.cx_usage: 100.00% 0.00% last 18848us
dev.cpu.17.%desc: ACPI CPU
dev.cpu.17.%driver: cpu
dev.cpu.17.%location: handle=_SB_.SCK1.CP11
dev.cpu.17.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.17.%parent: acpi0
dev.cpu.17.cx_supported: C1/1/3 C2/2/93
dev.cpu.17.cx_lowest: C1
dev.cpu.17.cx_usage: 100.00% 0.00% last 19847us
dev.cpu.18.%desc: ACPI CPU
dev.cpu.18.%driver: cpu
dev.cpu.18.%location: handle=_SB_.SCK1.CP12
dev.cpu.18.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.18.%parent: acpi0
dev.cpu.18.cx_supported: C1/1/3 C2/2/93
dev.cpu.18.cx_lowest: C1
dev.cpu.18.cx_usage: 100.00% 0.00% last 4871us
dev.cpu.19.%desc: ACPI CPU
dev.cpu.19.%driver: cpu
dev.cpu.19.%location: handle=_SB_.SCK1.CP13
dev.cpu.19.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.19.%parent: acpi0
dev.cpu.19.cx_supported: C1/1/3 C2/2/93
dev.cpu.19.cx_lowest: C1
dev.cpu.19.cx_usage: 100.00% 0.00% last 20402us
dev.cpu.20.%desc: ACPI CPU
dev.cpu.20.%driver: cpu
dev.cpu.20.%location: handle=_SB_.SCK1.CP14
dev.cpu.20.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.20.%parent: acpi0
dev.cpu.20.cx_supported: C1/1/3 C2/2/93
dev.cpu.20.cx_lowest: C1
dev.cpu.20.cx_usage: 100.00% 0.00% last 20681us
dev.cpu.21.%desc: ACPI CPU
dev.cpu.21.%driver: cpu
dev.cpu.21.%location: handle=_SB_.SCK1.CP15
dev.cpu.21.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.21.%parent: acpi0
dev.cpu.21.cx_supported: C1/1/3 C2/2/93
dev.cpu.21.cx_lowest: C1
dev.cpu.21.cx_usage: 100.00% 0.00% last 20963us
dev.cpu.22.%desc: ACPI CPU
dev.cpu.22.%driver: cpu
dev.cpu.22.%location: handle=_SB_.SCK1.CP16
dev.cpu.22.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.22.%parent: acpi0
dev.cpu.22.cx_supported: C1/1/3 C2/2/93
dev.cpu.22.cx_lowest: C1
dev.cpu.22.cx_usage: 100.00% 0.00% last 17766us
dev.cpu.23.%desc: ACPI CPU
dev.cpu.23.%driver: cpu
dev.cpu.23.%location: handle=_SB_.SCK1.CP17
dev.cpu.23.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.23.%parent: acpi0
dev.cpu.23.cx_supported: C1/1/3 C2/2/93
dev.cpu.23.cx_lowest: C1
dev.cpu.23.cx_usage: 100.00% 0.00% last 21519us
dev.cpu.24.%desc: ACPI CPU
dev.cpu.24.%driver: cpu
dev.cpu.24.%location: handle=_SB_.SCK1.CP18
dev.cpu.24.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.24.%parent: acpi0
dev.cpu.24.cx_supported: C1/1/3 C2/2/93
dev.cpu.24.cx_lowest: C1
dev.cpu.24.cx_usage: 100.00% 0.00% last 21790us
dev.cpu.25.%desc: ACPI CPU

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dev.cpu.25.%driver: cpu
dev.cpu.25.%location: handle=\_SB_.SCK1.CP19
dev.cpu.25.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.25.%parent: acpi0
dev.cpu.25.cx_supported: C1/1/3 C2/2/93
dev.cpu.25.cx_lowest: C1
dev.cpu.25.cx_usage: 100.00% 0.00% last 22069us
dev.cpu.26.%desc: ACPI CPU
dev.cpu.26.%driver: cpu
dev.cpu.26.%location: handle=\_SB_.SCK1.CP1A
dev.cpu.26.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.26.%parent: acpi0
dev.cpu.26.cx_supported: C1/1/3 C2/2/93
dev.cpu.26.cx_lowest: C1
dev.cpu.26.cx_usage: 100.00% 0.00% last 17210us
dev.cpu.27.%desc: ACPI CPU
dev.cpu.27.%driver: cpu
dev.cpu.27.%location: handle=\_SB_.SCK1.CP1B
dev.cpu.27.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.27.%parent: acpi0
dev.cpu.27.cx_supported: C1/1/3 C2/2/93
dev.cpu.27.cx_lowest: C1
dev.cpu.27.cx_usage: 100.00% 0.00% last 22629us
dev.cpu.28.%desc: ACPI CPU
dev.cpu.28.%driver: cpu
dev.cpu.28.%location: handle=\_SB_.SCK1.CP1C
dev.cpu.28.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.28.%parent: acpi0
dev.cpu.28.cx_supported: C1/1/3 C2/2/93
dev.cpu.28.cx_lowest: C1
dev.cpu.28.cx_usage: 100.00% 0.00% last 22908us
dev.cpu.29.%desc: ACPI CPU
dev.cpu.29.%driver: cpu
dev.cpu.29.%location: handle=\_SB_.SCK1.CP1D
dev.cpu.29.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.29.%parent: acpi0
dev.cpu.29.cx_supported: C1/1/3 C2/2/93
dev.cpu.29.cx_lowest: C1
dev.cpu.29.cx_usage: 100.00% 0.00% last 23188us
dev.cpu.30.%desc: ACPI CPU
dev.cpu.30.%driver: cpu
dev.cpu.30.%location: handle=\_SB_.SCK1.CP1E
dev.cpu.30.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.30.%parent: acpi0
dev.cpu.30.cx_supported: C1/1/3 C2/2/93
dev.cpu.30.cx_lowest: C1
dev.cpu.30.cx_usage: 100.00% 0.00% last 23469us
dev.cpu.31.%desc: ACPI CPU
dev.cpu.31.%driver: cpu
dev.cpu.31.%location: handle=\_SB_.SCK1.CP1F
dev.cpu.31.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.31.%parent: acpi0
dev.cpu.31.cx_supported: C1/1/3 C2/2/93
dev.cpu.31.cx_lowest: C1
dev.cpu.31.cx_usage: 100.00% 0.00% last 23750us
dev.attimer.0.%desc: AT timer
dev.attimer.0.%driver: attimer
dev.attimer.0.%location: handle=\_SB_.PCI0.SBRG.TMR_
dev.attimer.0.%pnpinfo: _HID=PNP0100 _UID=0
dev.attimer.0.%parent: acpi0
dev.atrtc.0.%desc: AT realtime clock
dev.atrtc.0.%driver: atrtc
dev.atrtc.0.%location: handle=\_SB_.PCI0.SBRG.RTC0
dev.atrtc.0.%pnpinfo: _HID=PNP0B00 _UID=0
dev.atrtc.0.%parent: acpi0
dev.hpet.0.%desc: High Precision Event Timer
dev.hpet.0.%driver: hpet
dev.hpet.0.%location: handle=\_SB_.PCI0.HPET
dev.hpet.0.%pnpinfo: _HID=PNP0103 _UID=0
dev.hpet.0.%parent: acpi0
dev.acpi_timer.0.%desc: 24-bit timer at 3.579545MHz
dev.acpi_timer.0.%driver: acpi_timer
dev.acpi_timer.0.%location: unknown
dev.acpi_timer.0.%pnpinfo: unknown
dev.acpi_timer.0.%parent: acpi0
dev.pci_link.0.%desc: ACPI PCI Link LNKA
dev.pci_link.0.%driver: pci_link
dev.pci_link.0.%location: handle=\_SB_.LNKA
dev.pci_link.0.%pnpinfo: _HID=PNP0C0F _UID=1
dev.pci_link.0.%parent: acpi0
dev.pci_link.1.%desc: ACPI PCI Link LNKB
dev.pci_link.1.%driver: pci_link
dev.pci_link.1.%location: handle=\_SB_.LNKB
dev.pci_link.1.%pnpinfo: _HID=PNP0C0F _UID=2
dev.pci_link.1.%parent: acpi0
dev.pci_link.2.%desc: ACPI PCI Link LNKC
dev.pci_link.2.%driver: pci_link
dev.pci_link.2.%location: handle=\_SB_.LNKC
dev.pci_link.2.%pnpinfo: _HID=PNP0C0F _UID=3
dev.pci_link.2.%parent: acpi0

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dev.pci_link.3.%desc: ACPI PCI Link LNKD
dev.pci_link.3.%driver: pci_link
dev.pci_link.3.%location: handle=_SB_.LNKD
dev.pci_link.3.%pnpinfo: _HID=PNP0C0F _UID=4
dev.pci_link.3.%parent: acpi0
dev.pci_link.4.%desc: ACPI PCI Link LNK E
dev.pci_link.4.%driver: pci_link
dev.pci_link.4.%location: handle=_SB_.LNKE
dev.pci_link.4.%pnpinfo: _HID=PNP0C0F _UID=5
dev.pci_link.4.%parent: acpi0
dev.pci_link.5.%desc: ACPI PCI Link LNK F
dev.pci_link.5.%driver: pci_link
dev.pci_link.5.%location: handle=_SB_.LNKF
dev.pci_link.5.%pnpinfo: _HID=PNP0C0F _UID=6
dev.pci_link.5.%parent: acpi0
dev.pci_link.6.%desc: ACPI PCI Link LNK G
dev.pci_link.6.%driver: pci_link
dev.pci_link.6.%location: handle=_SB_.LNKG
dev.pci_link.6.%pnpinfo: _HID=PNP0C0F _UID=7
dev.pci_link.6.%parent: acpi0
dev.pci_link.7.%desc: ACPI PCI Link LNK H
dev.pci_link.7.%driver: pci_link
dev.pci_link.7.%location: handle=_SB_.LNKH
dev.pci_link.7.%pnpinfo: _HID=PNP0C0F _UID=8
dev.pci_link.7.%parent: acpi0
dev.pci_b.0.%desc: ACPI Host-PCI bridge
dev.pci_b.0.%driver: pci_b
dev.pci_b.0.%location: handle=_SB_.PCI0
dev.pci_b.0.%pnpinfo: _HID=PNP0A08 _UID=0
dev.pci_b.0.%parent: acpi0
dev.pci_b.1.%desc: ACPI PCI-PCI bridge
dev.pci_b.1.%driver: pci_b
dev.pci_b.1.%location: slot=1 function=0 handle=_SB_.PCI0.NPE1
dev.pci_b.1.%pnpinfo: vendor=0x8086 device=0x3c02 subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci_b.1.%parent: pci0
dev.pci_b.1.%domain: 0
dev.pci_b.1.%pbus: 0
dev.pci_b.1.%secbus: 33
dev.pci_b.1.%subbus: 36
dev.pci_b.1.%wake: 0
dev.pci_b.2.%desc: ACPI PCI-PCI bridge
dev.pci_b.2.%driver: pci_b
dev.pci_b.2.%location: slot=2 function=0 handle=_SB_.PCI0.NPE3
dev.pci_b.2.%pnpinfo: vendor=0x8086 device=0x3c04 subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci_b.2.%parent: pci0
dev.pci_b.2.%domain: 0
dev.pci_b.2.%pbus: 0
dev.pci_b.2.%secbus: 37
dev.pci_b.2.%subbus: 40
dev.pci_b.2.%wake: 0
dev.pci_b.3.%desc: ACPI PCI-PCI bridge
dev.pci_b.3.%driver: pci_b
dev.pci_b.3.%location: slot=3 function=0 handle=_SB_.PCI0.NPE7
dev.pci_b.3.%pnpinfo: vendor=0x8086 device=0x3c08 subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci_b.3.%parent: pci0
dev.pci_b.3.%domain: 0
dev.pci_b.3.%pbus: 0
dev.pci_b.3.%secbus: 45
dev.pci_b.3.%subbus: 48
dev.pci_b.3.%wake: 0
dev.pci_b.4.%desc: ACPI PCI-PCI bridge
dev.pci_b.4.%driver: pci_b
dev.pci_b.4.%location: slot=3 function=2 handle=_SB_.PCI0.NPE9
dev.pci_b.4.%pnpinfo: vendor=0x8086 device=0x3c0a subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci_b.4.%parent: pci0
dev.pci_b.4.%domain: 0
dev.pci_b.4.%pbus: 0
dev.pci_b.4.%secbus: 3
dev.pci_b.4.%subbus: 4
dev.pci_b.4.%wake: 0
dev.pci_b.5.%desc: ACPI PCI-PCI bridge
dev.pci_b.5.%driver: pci_b
dev.pci_b.5.%location: slot=17 function=0 handle=_SB_.PCI0.BR3A
dev.pci_b.5.%pnpinfo: vendor=0x8086 device=0x1d3e subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci_b.5.%parent: pci0
dev.pci_b.5.%domain: 0
dev.pci_b.5.%pbus: 0
dev.pci_b.5.%secbus: 58
dev.pci_b.5.%subbus: 59
dev.pci_b.6.%desc: ACPI PCI-PCI bridge
dev.pci_b.6.%driver: pci_b
dev.pci_b.6.%location: slot=28 function=0 handle=_SB_.PCI0.PEX0
dev.pci_b.6.%pnpinfo: vendor=0x8086 device=0x1d10 subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci_b.6.%parent: pci0
dev.pci_b.6.%domain: 0
dev.pci_b.6.%pbus: 0
dev.pci_b.6.%secbus: 2
dev.pci_b.6.%subbus: 2
dev.pci_b.6.%wake: 0
dev.pci_b.7.%desc: ACPI PCI-PCI bridge

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dev.pci.7.%driver: pcib
dev.pci.7.%location: slot=28 function=4 handle=\_SB_.PCI0.PEX4
dev.pci.7.%pnpinfo: vendor=0x8086 device=0x1d18 subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci.7.%parent: pci0
dev.pci.7.domain: 0
dev.pci.7.pribus: 0
dev.pci.7.secbus: 5
dev.pci.7.subbus: 32
dev.pci.7.wake: 0
dev.pci.8.%desc: ACPI PCI-PCI bridge
dev.pci.8.%driver: pcib
dev.pci.8.%location: slot=30 function=0 handle=\_SB_.PCI0.BR3C
dev.pci.8.%pnpinfo: vendor=0x8086 device=0x244e subvendor=0x1bcf subdevice=0x800f class=0x060401
dev.pci.8.%parent: pci0
dev.pci.8.domain: 0
dev.pci.8.pribus: 0
dev.pci.8.secbus: 60
dev.pci.8.subbus: 79
dev.pci.8.wake: 0
dev.pci.9.%desc: ACPI Host-PCI bridge
dev.pci.9.%driver: pcib
dev.pci.9.%location: handle=\_SB_.UNC0
dev.pci.9.%pnpinfo: _HID=PNP0A03 _UID=127
dev.pci.9.%parent: acpi0
dev.pci.10.%desc: ACPI Host-PCI bridge
dev.pci.10.%driver: pcib
dev.pci.10.%location: handle=\_SB_.PCI1
dev.pci.10.%pnpinfo: _HID=PNP0A08 _UID=128
dev.pci.10.%parent: acpi0
dev.pci.11.%desc: ACPI PCI-PCI bridge
dev.pci.11.%driver: pcib
dev.pci.11.%location: slot=0 function=0 handle=\_SB_.PCI1.NPE0
dev.pci.11.%pnpinfo: vendor=0x8086 device=0x3c01 subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci.11.%parent: pci128
dev.pci.11.domain: 0
dev.pci.11.pribus: 128
dev.pci.11.secbus: 129
dev.pci.11.subbus: 129
dev.pci.12.%desc: ACPI PCI-PCI bridge
dev.pci.12.%driver: pcib
dev.pci.12.%location: slot=2 function=0 handle=\_SB_.PCI1.NPE3
dev.pci.12.%pnpinfo: vendor=0x8086 device=0x3c04 subvendor=0x1bcf subdevice=0x800f class=0x060400
dev.pci.12.%parent: pci128
dev.pci.12.domain: 0
dev.pci.12.pribus: 128
dev.pci.12.secbus: 132
dev.pci.12.subbus: 144
dev.pci.12.wake: 0
dev.pci.13.%desc: ACPI Host-PCI bridge
dev.pci.13.%driver: pcib
dev.pci.13.%location: handle=\_SB_.UNC1
dev.pci.13.%pnpinfo: _HID=PNP0A03 _UID=255
dev.pci.13.%parent: acpi0
dev.pci.0.%desc: ACPI PCI bus
dev.pci.0.%driver: pci
dev.pci.0.%parent: pci0
dev.pci.33.%desc: ACPI PCI bus
dev.pci.33.%driver: pci
dev.pci.33.%parent: pci0
dev.pci.33.wake: 0
dev.pci.37.%desc: ACPI PCI bus
dev.pci.37.%driver: pci
dev.pci.37.%parent: pci0
dev.pci.37.wake: 0
dev.pci.45.%desc: ACPI PCI bus
dev.pci.45.%driver: pci
dev.pci.45.%parent: pci0
dev.pci.45.wake: 0
dev.pci.3.%desc: ACPI PCI bus
dev.pci.3.%driver: pci
dev.pci.3.%parent: pci0
dev.pci.3.wake: 0
dev.pci.58.%desc: ACPI PCI bus
dev.pci.58.%driver: pci
dev.pci.58.%parent: pci0
dev.pci.2.%desc: ACPI PCI bus
dev.pci.2.%driver: pci
dev.pci.2.%parent: pci0
dev.pci.2.wake: 0
dev.pci.5.%desc: ACPI PCI bus
dev.pci.5.%driver: pci
dev.pci.5.%parent: pci0
dev.pci.5.wake: 0
dev.pci.60.%desc: ACPI PCI bus
dev.pci.60.%driver: pci
dev.pci.60.%parent: pci0
dev.pci.60.wake: 0
dev.pci.127.%desc: ACPI PCI bus
dev.pci.127.%driver: pci
dev.pci.127.%parent: pci0

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dev.pci.128.%desc: ACPI PCI bus
dev.pci.128.%driver: pci
dev.pci.128.%parent: pcib10
dev.pci.129.%desc: ACPI PCI bus
dev.pci.129.%driver: pci
dev.pci.129.%parent: pcib11
dev.pci.132.%desc: ACPI PCI bus
dev.pci.132.%driver: pci
dev.pci.132.%parent: pcib12
dev.pci.132.wake: 0
dev.pci.255.%desc: ACPI PCI bus
dev.pci.255.%driver: pci
dev.pci.255.%parent: pcib13
dev.hostb.0.%desc: Host to PCI bridge
dev.hostb.0.%driver: hostb
dev.hostb.0.%location: slot=0 function=0
dev.hostb.0.%pnpinfo: vendor=0x8086 device=0x3c00 subvendor=0x1bcf subdevice=0x800f class=0x060000
dev.hostb.0.%parent: pci0
dev.mfi.0.%desc: ThunderBolt
dev.mfi.0.%driver: mfi
dev.mfi.0.%location: slot=0 function=0 handle=\_SB_.PCI0.NPE1.BR35
dev.mfi.0.%pnpinfo: vendor=0x1000 device=0x005b subvendor=0x1000 subdevice=0x9267 class=0x010400
dev.mfi.0.%parent: pci33
dev.mfi.0.delete_busy_volumes: 0
dev.mfi.0.keep_deleted_volumes: 0
dev.bge.0.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.0.%driver: bge
dev.bge.0.%location: slot=0 function=0
dev.bge.0.%pnpinfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.0.%parent: pci37
dev.bge.0.forced_collapse: 0
dev.bge.0.msi: 1
dev.bge.0.forced_udpcsum: 0
dev.bge.0.stats.FramesDroppedDueToFilters: 0
dev.bge.0.stats.DmaWriteQueueFull: 0
dev.bge.0.stats.DmaWriteHighPriQueueFull: 0
dev.bge.0.stats.NoMoreRxBDs: 0
dev.bge.0.stats.InputDiscards: 0
dev.bge.0.stats.InputErrors: 0
dev.bge.0.stats.RecvThresholdHit: 0
dev.bge.0.stats.rx.ifHCInOctets: 0
dev.bge.0.stats.rx.Fragments: 0
dev.bge.0.stats.rx.UnicastPkts: 0
dev.bge.0.stats.rx.MulticastPkts: 0
dev.bge.0.stats.rx.BroadcastPkts: 0
dev.bge.0.stats.rx.FCSErrors: 0
dev.bge.0.stats.rx.AlignmentErrors: 0
dev.bge.0.stats.rx.xonPauseFramesReceived: 0
dev.bge.0.stats.rx.xoffPauseFramesReceived: 0
dev.bge.0.stats.rx.ControlFramesReceived: 0
dev.bge.0.stats.rx.xoffStateEntered: 0
dev.bge.0.stats.rx.FramesTooLong: 0
dev.bge.0.stats.rx.Jabbers: 0
dev.bge.0.stats.rx.UndersizePkts: 0
dev.bge.0.stats.tx.ifHCOutOctets: 0
dev.bge.0.stats.tx.Collisions: 0
dev.bge.0.stats.tx.XonSent: 0
dev.bge.0.stats.tx.XoffSent: 0
dev.bge.0.stats.tx.InternalMacTransmitErrors: 0
dev.bge.0.stats.tx.SingleCollisionFrames: 0
dev.bge.0.stats.tx.MultipleCollisionFrames: 0
dev.bge.0.stats.tx.DeferredTransmissions: 0
dev.bge.0.stats.tx.ExcessiveCollisions: 0
dev.bge.0.stats.tx.LateCollisions: 0
dev.bge.0.stats.tx.UnicastPkts: 0
dev.bge.0.stats.tx.MulticastPkts: 0
dev.bge.0.stats.tx.BroadcastPkts: 0
dev.bge.1.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.1.%driver: bge
dev.bge.1.%location: slot=0 function=1
dev.bge.1.%pnpinfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.1.%parent: pci37
dev.bge.1.forced_collapse: 0
dev.bge.1.msi: 1
dev.bge.1.forced_udpcsum: 0
dev.bge.1.stats.FramesDroppedDueToFilters: 0
dev.bge.1.stats.DmaWriteQueueFull: 0
dev.bge.1.stats.DmaWriteHighPriQueueFull: 0
dev.bge.1.stats.NoMoreRxBDs: 0
dev.bge.1.stats.InputDiscards: 0
dev.bge.1.stats.InputErrors: 0
dev.bge.1.stats.RecvThresholdHit: 0
dev.bge.1.stats.rx.ifHCInOctets: 0
dev.bge.1.stats.rx.Fragments: 0
dev.bge.1.stats.rx.UnicastPkts: 0
dev.bge.1.stats.rx.MulticastPkts: 0
dev.bge.1.stats.rx.BroadcastPkts: 0
dev.bge.1.stats.rx.FCSErrors: 0
dev.bge.1.stats.rx.AlignmentErrors: 0
dev.bge.1.stats.rx.xonPauseFramesReceived: 0

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dev.bge.1.stats.rx.xoffPauseFramesReceived: 0
dev.bge.1.stats.rx.ControlFramesReceived: 0
dev.bge.1.stats.rx.xoffStateEntered: 0
dev.bge.1.stats.rx.FramesTooLong: 0
dev.bge.1.stats.rx.Jabbers: 0
dev.bge.1.stats.rx.UndersizePkts: 0
dev.bge.1.stats.tx.ifHCOutOctets: 0
dev.bge.1.stats.tx.Collisions: 0
dev.bge.1.stats.tx.XonSent: 0
dev.bge.1.stats.tx.XoffSent: 0
dev.bge.1.stats.tx.InternalMacTransmitErrors: 0
dev.bge.1.stats.tx.SingleCollisionFrames: 0
dev.bge.1.stats.tx.MultipleCollisionFrames: 0
dev.bge.1.stats.tx.DeferredTransmissions: 0
dev.bge.1.stats.tx.ExcessiveCollisions: 0
dev.bge.1.stats.tx.LateCollisions: 0
dev.bge.1.stats.tx.UnicastPkts: 0
dev.bge.1.stats.tx.MulticastPkts: 0
dev.bge.1.stats.tx.BroadcastPkts: 0
dev.bge.2.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.2.%driver: bge
dev.bge.2.%location: slot=0 function=2
dev.bge.2.%npninfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.2.%parent: pci37
dev.bge.2.forced_collapse: 0
dev.bge.2.msi: 1
dev.bge.2.forced_udpcsum: 0
dev.bge.2.stats.FramesDroppedDueToFilters: 0
dev.bge.2.stats.DmaWriteQueueFull: 0
dev.bge.2.stats.DmaWriteHighPriQueueFull: 0
dev.bge.2.stats.NoMoreRxBDs: 0
dev.bge.2.stats.InputDiscards: 0
dev.bge.2.stats.InputErrors: 0
dev.bge.2.stats.RecvThresholdHit: 0
dev.bge.2.stats.rx.ifHCInOctets: 0
dev.bge.2.stats.rx.Fragments: 0
dev.bge.2.stats.rx.UnicastPkts: 0
dev.bge.2.stats.rx.MulticastPkts: 0
dev.bge.2.stats.rx.BroadcastPkts: 0
dev.bge.2.stats.rx.FCSErrors: 0
dev.bge.2.stats.rx.AlignmentErrors: 0
dev.bge.2.stats.rx.xonPauseFramesReceived: 0
dev.bge.2.stats.rx.xoffPauseFramesReceived: 0
dev.bge.2.stats.rx.ControlFramesReceived: 0
dev.bge.2.stats.rx.xoffStateEntered: 0
dev.bge.2.stats.rx.FramesTooLong: 0
dev.bge.2.stats.rx.Jabbers: 0
dev.bge.2.stats.rx.UndersizePkts: 0
dev.bge.2.stats.tx.ifHCOutOctets: 0
dev.bge.2.stats.tx.Collisions: 0
dev.bge.2.stats.tx.XonSent: 0
dev.bge.2.stats.tx.XoffSent: 0
dev.bge.2.stats.tx.InternalMacTransmitErrors: 0
dev.bge.2.stats.tx.SingleCollisionFrames: 0
dev.bge.2.stats.tx.MultipleCollisionFrames: 0
dev.bge.2.stats.tx.DeferredTransmissions: 0
dev.bge.2.stats.tx.ExcessiveCollisions: 0
dev.bge.2.stats.tx.LateCollisions: 0
dev.bge.2.stats.tx.UnicastPkts: 0
dev.bge.2.stats.tx.MulticastPkts: 0
dev.bge.2.stats.tx.BroadcastPkts: 0
dev.bge.3.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.3.%driver: bge
dev.bge.3.%location: slot=0 function=3
dev.bge.3.%npninfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.3.%parent: pci37
dev.bge.3.forced_collapse: 0
dev.bge.3.msi: 1
dev.bge.3.forced_udpcsum: 0
dev.bge.3.stats.FramesDroppedDueToFilters: 0
dev.bge.3.stats.DmaWriteQueueFull: 0
dev.bge.3.stats.DmaWriteHighPriQueueFull: 0
dev.bge.3.stats.NoMoreRxBDs: 0
dev.bge.3.stats.InputDiscards: 0
dev.bge.3.stats.InputErrors: 0
dev.bge.3.stats.RecvThresholdHit: 0
dev.bge.3.stats.rx.ifHCInOctets: 0
dev.bge.3.stats.rx.Fragments: 0
dev.bge.3.stats.rx.UnicastPkts: 0
dev.bge.3.stats.rx.MulticastPkts: 0
dev.bge.3.stats.rx.BroadcastPkts: 0
dev.bge.3.stats.rx.FCSErrors: 0
dev.bge.3.stats.rx.AlignmentErrors: 0
dev.bge.3.stats.rx.xonPauseFramesReceived: 0
dev.bge.3.stats.rx.xoffPauseFramesReceived: 0
dev.bge.3.stats.rx.ControlFramesReceived: 0
dev.bge.3.stats.rx.xoffStateEntered: 0
dev.bge.3.stats.rx.FramesTooLong: 0
dev.bge.3.stats.rx.Jabbers: 0
dev.bge.3.stats.rx.UndersizePkts: 0
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dev.bge.3.stats.tx.ifHCOutOctets: 0
dev.bge.3.stats.tx.Collisions: 0
dev.bge.3.stats.tx.XonSent: 0
dev.bge.3.stats.tx.XoffSent: 0
dev.bge.3.stats.tx.InternalMacTransmitErrors: 0
dev.bge.3.stats.tx.SingleCollisionFrames: 0
dev.bge.3.stats.tx.MultipleCollisionFrames: 0
dev.bge.3.stats.tx.DeferredTransmissions: 0
dev.bge.3.stats.tx.ExcessiveCollisions: 0
dev.bge.3.stats.tx.LateCollisions: 0
dev.bge.3.stats.tx.UnicastPkts: 0
dev.bge.3.stats.tx.MulticastPkts: 0
dev.bge.3.stats.tx.BroadcastPkts: 0
dev.bge.4.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.4.%driver: bge
dev.bge.4.%location: slot=0 function=0
dev.bge.4.%pnpinfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.4.%parent: pci45
dev.bge.4.forced_collapse: 0
dev.bge.4.msi: 1
dev.bge.4.forced_udpcsum: 0
dev.bge.4.stats.FramesDroppedDueToFilters: 0
dev.bge.4.stats.DmaWriteQueueFull: 0
dev.bge.4.stats.DmaWriteHighPriQueueFull: 0
dev.bge.4.stats.NoMoreRxBDs: 0
dev.bge.4.stats.InputDiscards: 0
dev.bge.4.stats.InputErrors: 0
dev.bge.4.stats.RecvThresholdHit: 0
dev.bge.4.stats.rx.ifHCInOctets: 0
dev.bge.4.stats.rx.Fragments: 0
dev.bge.4.stats.rx.UnicastPkts: 0
dev.bge.4.stats.rx.MulticastPkts: 0
dev.bge.4.stats.rx.BroadcastPkts: 0
dev.bge.4.stats.rx.FCSErrors: 0
dev.bge.4.stats.rx.AlignmentErrors: 0
dev.bge.4.stats.rx.xonPauseFramesReceived: 0
dev.bge.4.stats.rx.xoffPauseFramesReceived: 0
dev.bge.4.stats.rx.ControlFramesReceived: 0
dev.bge.4.stats.rx.xoffStateEntered: 0
dev.bge.4.stats.rx.FramesTooLong: 0
dev.bge.4.stats.rx.Jabbers: 0
dev.bge.4.stats.rx.UndersizePkts: 0
dev.bge.4.stats.tx.ifHCOutOctets: 0
dev.bge.4.stats.tx.Collisions: 0
dev.bge.4.stats.tx.XonSent: 0
dev.bge.4.stats.tx.XoffSent: 0
dev.bge.4.stats.tx.InternalMacTransmitErrors: 0
dev.bge.4.stats.tx.SingleCollisionFrames: 0
dev.bge.4.stats.tx.MultipleCollisionFrames: 0
dev.bge.4.stats.tx.DeferredTransmissions: 0
dev.bge.4.stats.tx.ExcessiveCollisions: 0
dev.bge.4.stats.tx.LateCollisions: 0
dev.bge.4.stats.tx.UnicastPkts: 0
dev.bge.4.stats.tx.MulticastPkts: 0
dev.bge.4.stats.tx.BroadcastPkts: 0
dev.bge.5.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.5.%driver: bge
dev.bge.5.%location: slot=0 function=1
dev.bge.5.%pnpinfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.5.%parent: pci45
dev.bge.5.forced_collapse: 0
dev.bge.5.msi: 1
dev.bge.5.forced_udpcsum: 0
dev.bge.5.stats.FramesDroppedDueToFilters: 0
dev.bge.5.stats.DmaWriteQueueFull: 0
dev.bge.5.stats.DmaWriteHighPriQueueFull: 0
dev.bge.5.stats.NoMoreRxBDs: 0
dev.bge.5.stats.InputDiscards: 0
dev.bge.5.stats.InputErrors: 0
dev.bge.5.stats.RecvThresholdHit: 0
dev.bge.5.stats.rx.ifHCInOctets: 0
dev.bge.5.stats.rx.Fragments: 0
dev.bge.5.stats.rx.UnicastPkts: 0
dev.bge.5.stats.rx.MulticastPkts: 0
dev.bge.5.stats.rx.BroadcastPkts: 0
dev.bge.5.stats.rx.FCSErrors: 0
dev.bge.5.stats.rx.AlignmentErrors: 0
dev.bge.5.stats.rx.xonPauseFramesReceived: 0
dev.bge.5.stats.rx.xoffPauseFramesReceived: 0
dev.bge.5.stats.rx.ControlFramesReceived: 0
dev.bge.5.stats.rx.xoffStateEntered: 0
dev.bge.5.stats.rx.FramesTooLong: 0
dev.bge.5.stats.rx.Jabbers: 0
dev.bge.5.stats.rx.UndersizePkts: 0
dev.bge.5.stats.tx.ifHCOutOctets: 0
dev.bge.5.stats.tx.Collisions: 0
dev.bge.5.stats.tx.XonSent: 0
dev.bge.5.stats.tx.XoffSent: 0
dev.bge.5.stats.tx.InternalMacTransmitErrors: 0
dev.bge.5.stats.tx.SingleCollisionFrames: 0
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dev.bge.5.stats.tx.MultipleCollisionFrames: 0
dev.bge.5.stats.tx.DeferredTransmissions: 0
dev.bge.5.stats.tx.ExcessiveCollisions: 0
dev.bge.5.stats.tx.LateCollisions: 0
dev.bge.5.stats.tx.UnicastPkts: 0
dev.bge.5.stats.tx.MulticastPkts: 0
dev.bge.5.stats.tx.BroadcastPkts: 0
dev.bge.6.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.6.%driver: bge
dev.bge.6.%location: slot=0 function=2
dev.bge.6.%pnpinf: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.6.%parent: pci45
dev.bge.6.forced_collapse: 0
dev.bge.6.msi: 1
dev.bge.6.forced_udpcsum: 0
dev.bge.6.stats.FramesDroppedDueToFilters: 0
dev.bge.6.stats.DmaWriteQueueFull: 0
dev.bge.6.stats.DmaWriteHighPriQueueFull: 0
dev.bge.6.stats.NoMoreRxBds: 0
dev.bge.6.stats.InputDiscards: 0
dev.bge.6.stats.InputErrors: 0
dev.bge.6.stats.RecvThresholdHit: 0
dev.bge.6.stats.rx.ifHCInOctets: 0
dev.bge.6.stats.rx.Fragments: 0
dev.bge.6.stats.rx.UnicastPkts: 0
dev.bge.6.stats.rx.MulticastPkts: 0
dev.bge.6.stats.rx.BroadcastPkts: 0
dev.bge.6.stats.rx.FCSErrors: 0
dev.bge.6.stats.rx.AlignmentErrors: 0
dev.bge.6.stats.rx.xonPauseFramesReceived: 0
dev.bge.6.stats.rx.xoffPauseFramesReceived: 0
dev.bge.6.stats.rx.ControlFramesReceived: 0
dev.bge.6.stats.rx.xoffStateEntered: 0
dev.bge.6.stats.rx.FramesTooLong: 0
dev.bge.6.stats.rx.Jabbers: 0
dev.bge.6.stats.rx.UndersizePkts: 0
dev.bge.6.stats.tx.ifHCOutOctets: 0
dev.bge.6.stats.tx.Collisions: 0
dev.bge.6.stats.tx.XonSent: 0
dev.bge.6.stats.tx.XoffSent: 0
dev.bge.6.stats.tx.InternalMacTransmitErrors: 0
dev.bge.6.stats.tx.SingleCollisionFrames: 0
dev.bge.6.stats.tx.MultipleCollisionFrames: 0
dev.bge.6.stats.tx.DeferredTransmissions: 0
dev.bge.6.stats.tx.ExcessiveCollisions: 0
dev.bge.6.stats.tx.LateCollisions: 0
dev.bge.6.stats.tx.UnicastPkts: 0
dev.bge.6.stats.tx.MulticastPkts: 0
dev.bge.6.stats.tx.BroadcastPkts: 0
dev.bge.7.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.7.%driver: bge
dev.bge.7.%location: slot=0 function=3
dev.bge.7.%pnpinf: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8014 class=0x020000
dev.bge.7.%parent: pci45
dev.bge.7.forced_collapse: 0
dev.bge.7.msi: 1
dev.bge.7.forced_udpcsum: 0
dev.bge.7.stats.FramesDroppedDueToFilters: 0
dev.bge.7.stats.DmaWriteQueueFull: 0
dev.bge.7.stats.DmaWriteHighPriQueueFull: 0
dev.bge.7.stats.NoMoreRxBds: 0
dev.bge.7.stats.InputDiscards: 0
dev.bge.7.stats.InputErrors: 0
dev.bge.7.stats.RecvThresholdHit: 0
dev.bge.7.stats.rx.ifHCInOctets: 0
dev.bge.7.stats.rx.Fragments: 0
dev.bge.7.stats.rx.UnicastPkts: 0
dev.bge.7.stats.rx.MulticastPkts: 0
dev.bge.7.stats.rx.BroadcastPkts: 0
dev.bge.7.stats.rx.FCSErrors: 0
dev.bge.7.stats.rx.AlignmentErrors: 0
dev.bge.7.stats.rx.xonPauseFramesReceived: 0
dev.bge.7.stats.rx.xoffPauseFramesReceived: 0
dev.bge.7.stats.rx.ControlFramesReceived: 0
dev.bge.7.stats.rx.xoffStateEntered: 0
dev.bge.7.stats.rx.FramesTooLong: 0
dev.bge.7.stats.rx.Jabbers: 0
dev.bge.7.stats.rx.UndersizePkts: 0
dev.bge.7.stats.tx.ifHCOutOctets: 0
dev.bge.7.stats.tx.Collisions: 0
dev.bge.7.stats.tx.XonSent: 0
dev.bge.7.stats.tx.XoffSent: 0
dev.bge.7.stats.tx.InternalMacTransmitErrors: 0
dev.bge.7.stats.tx.SingleCollisionFrames: 0
dev.bge.7.stats.tx.MultipleCollisionFrames: 0
dev.bge.7.stats.tx.DeferredTransmissions: 0
dev.bge.7.stats.tx.ExcessiveCollisions: 0
dev.bge.7.stats.tx.LateCollisions: 0
dev.bge.7.stats.tx.UnicastPkts: 0
dev.bge.7.stats.tx.MulticastPkts: 0

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dev.bge.7.stats.tx.BroadcastPkts: 0
dev.bge.8.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5717100
dev.bge.8.%driver: bge
dev.bge.8.%location: slot=0 function=0 handle=_\SB_.PCI0.PEX0.LAN1
dev.bge.8.%pnpinf: vendor=0x14e4 device=0x1656 subvendor=0x1bcf subdevice=0x800f class=0x020000
dev.bge.8.%parent: pci2
dev.bge.8.forced_collapse: 0
dev.bge.8.msi: 1
dev.bge.8.forced_udpcsum: 0
dev.bge.8.stats.FramesDroppedDueToFilters: 0
dev.bge.8.stats.DmaWriteQueueFull: 0
dev.bge.8.stats.DmaWriteHighPriQueueFull: 0
dev.bge.8.stats.NoMoreRxBDs: 0
dev.bge.8.stats.InputDiscards: 0
dev.bge.8.stats.InputErrors: 0
dev.bge.8.stats.RecvThresholdHit: 0
dev.bge.8.stats.rx.ifHCInOctets: 0
dev.bge.8.stats.rx.Fragments: 0
dev.bge.8.stats.rx.UnicastPkts: 0
dev.bge.8.stats.rx.MulticastPkts: 0
dev.bge.8.stats.rx.BroadcastPkts: 0
dev.bge.8.stats.rx.FCSErrors: 0
dev.bge.8.stats.rx.AlignmentErrors: 0
dev.bge.8.stats.rx.xonPauseFramesReceived: 0
dev.bge.8.stats.rx.xoffPauseFramesReceived: 0
dev.bge.8.stats.rx.ControlFramesReceived: 0
dev.bge.8.stats.rx.xoffStateEntered: 0
dev.bge.8.stats.rx.FramesTooLong: 0
dev.bge.8.stats.rx.Jabbers: 0
dev.bge.8.stats.rx.UndersizePkts: 0
dev.bge.8.stats.tx.ifHCOutOctets: 0
dev.bge.8.stats.tx.Collisions: 0
dev.bge.8.stats.tx.XonSent: 0
dev.bge.8.stats.tx.XoffSent: 0
dev.bge.8.stats.tx.InternalMacTransmitErrors: 0
dev.bge.8.stats.tx.SingleCollisionFrames: 0
dev.bge.8.stats.tx.MultipleCollisionFrames: 0
dev.bge.8.stats.tx.DeferredTransmissions: 0
dev.bge.8.stats.tx.ExcessiveCollisions: 0
dev.bge.8.stats.tx.LateCollisions: 0
dev.bge.8.stats.tx.UnicastPkts: 0
dev.bge.8.stats.tx.MulticastPkts: 0
dev.bge.8.stats.tx.BroadcastPkts: 0
dev.bge.8.wake: 0
dev.bge.9.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5717100
dev.bge.9.%driver: bge
dev.bge.9.%location: slot=0 function=1 handle=_\SB_.PCI0.PEX0.LAN2
dev.bge.9.%pnpinf: vendor=0x14e4 device=0x1656 subvendor=0x1bcf subdevice=0x800f class=0x020000
dev.bge.9.%parent: pci2
dev.bge.9.forced_collapse: 0
dev.bge.9.msi: 1
dev.bge.9.forced_udpcsum: 0
dev.bge.9.stats.FramesDroppedDueToFilters: 0
dev.bge.9.stats.DmaWriteQueueFull: 0
dev.bge.9.stats.DmaWriteHighPriQueueFull: 0
dev.bge.9.stats.NoMoreRxBDs: 0
dev.bge.9.stats.InputDiscards: 0
dev.bge.9.stats.InputErrors: 0
dev.bge.9.stats.RecvThresholdHit: 0
dev.bge.9.stats.rx.ifHCInOctets: 0
dev.bge.9.stats.rx.Fragments: 0
dev.bge.9.stats.rx.UnicastPkts: 0
dev.bge.9.stats.rx.MulticastPkts: 0
dev.bge.9.stats.rx.BroadcastPkts: 0
dev.bge.9.stats.rx.FCSErrors: 0
dev.bge.9.stats.rx.AlignmentErrors: 0
dev.bge.9.stats.rx.xonPauseFramesReceived: 0
dev.bge.9.stats.rx.xoffPauseFramesReceived: 0
dev.bge.9.stats.rx.ControlFramesReceived: 0
dev.bge.9.stats.rx.xoffStateEntered: 0
dev.bge.9.stats.rx.FramesTooLong: 0
dev.bge.9.stats.rx.Jabbers: 0
dev.bge.9.stats.rx.UndersizePkts: 0
dev.bge.9.stats.tx.ifHCOutOctets: 0
dev.bge.9.stats.tx.Collisions: 0
dev.bge.9.stats.tx.XonSent: 0
dev.bge.9.stats.tx.XoffSent: 0
dev.bge.9.stats.tx.InternalMacTransmitErrors: 0
dev.bge.9.stats.tx.SingleCollisionFrames: 0
dev.bge.9.stats.tx.MultipleCollisionFrames: 0
dev.bge.9.stats.tx.DeferredTransmissions: 0
dev.bge.9.stats.tx.ExcessiveCollisions: 0
dev.bge.9.stats.tx.LateCollisions: 0
dev.bge.9.stats.tx.UnicastPkts: 0
dev.bge.9.stats.tx.MulticastPkts: 0
dev.bge.9.stats.tx.BroadcastPkts: 0
dev.bge.9.wake: 0
dev.miibus.0.%desc: MII bus
dev.miibus.0.%driver: miibus
dev.miibus.0.%parent: bge0

```

```

dev.miibus.1.%desc: MII bus
dev.miibus.1.%driver: miibus
dev.miibus.1.%parent: bge1
dev.miibus.2.%desc: MII bus
dev.miibus.2.%driver: miibus
dev.miibus.2.%parent: bge2
dev.miibus.3.%desc: MII bus
dev.miibus.3.%driver: miibus
dev.miibus.3.%parent: bge3
dev.miibus.4.%desc: MII bus
dev.miibus.4.%driver: miibus
dev.miibus.4.%parent: bge4
dev.miibus.5.%desc: MII bus
dev.miibus.5.%driver: miibus
dev.miibus.5.%parent: bge5
dev.miibus.6.%desc: MII bus
dev.miibus.6.%driver: miibus
dev.miibus.6.%parent: bge6
dev.miibus.7.%desc: MII bus
dev.miibus.7.%driver: miibus
dev.miibus.7.%parent: bge7
dev.miibus.8.%desc: MII bus
dev.miibus.8.%driver: miibus
dev.miibus.8.%parent: bge8
dev.miibus.9.%desc: MII bus
dev.miibus.9.%driver: miibus
dev.miibus.9.%parent: bge9
dev.brgphy.0.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.0.%driver: brgphy
dev.brgphy.0.%location: phyno=1
dev.brgphy.0.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.0.%parent: miibus0
dev.brgphy.1.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.1.%driver: brgphy
dev.brgphy.1.%location: phyno=2
dev.brgphy.1.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.1.%parent: miibus1
dev.brgphy.2.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.2.%driver: brgphy
dev.brgphy.2.%location: phyno=3
dev.brgphy.2.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.2.%parent: miibus2
dev.brgphy.3.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.3.%driver: brgphy
dev.brgphy.3.%location: phyno=4
dev.brgphy.3.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.3.%parent: miibus3
dev.brgphy.4.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.4.%driver: brgphy
dev.brgphy.4.%location: phyno=1
dev.brgphy.4.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.4.%parent: miibus4
dev.brgphy.5.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.5.%driver: brgphy
dev.brgphy.5.%location: phyno=2
dev.brgphy.5.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.5.%parent: miibus5
dev.brgphy.6.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.6.%driver: brgphy
dev.brgphy.6.%location: phyno=3
dev.brgphy.6.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.6.%parent: miibus6
dev.brgphy.7.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.7.%driver: brgphy
dev.brgphy.7.%location: phyno=4
dev.brgphy.7.%npninfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.7.%parent: miibus7
dev.brgphy.8.%desc: BCM5717C 1000BASE-T media interface
dev.brgphy.8.%driver: brgphy
dev.brgphy.8.%location: phyno=1
dev.brgphy.8.%npninfo: oui=0x1be9 model=0x20 rev=0x0
dev.brgphy.8.%parent: miibus8
dev.brgphy.9.%desc: BCM5717C 1000BASE-T media interface
dev.brgphy.9.%driver: brgphy
dev.brgphy.9.%location: phyno=2
dev.brgphy.9.%npninfo: oui=0x1be9 model=0x20 rev=0x0
dev.brgphy.9.%parent: miibus9
dev.bxe.0.%desc: Broadcom NetXtreme II BCM57810 10GbE (B0) BXE v:1.78.75
dev.bxe.0.%driver: bxe
dev.bxe.0.%location: slot=0 function=0
dev.bxe.0.%npninfo: vendor=0x14e4 device=0x168e subvendor=0x1bcf subdevice=0x8034 class=0x020000
dev.bxe.0.%parent: pci3
dev.bxe.0.%version: 1.78.75
dev.bxe.0.%bc_version: 7.0.49
dev.bxe.0.%fw_version: 7.8.51.0
dev.bxe.0.%mf_mode: Single
dev.bxe.0.%mf_vnics: 1
dev.bxe.0.%mac_addr: 8c:89:a5:5f:37:c1
dev.bxe.0.%pci_link: 5.0GT/s x8
dev.bxe.0.%debug: 0

```

dev.bxe.0.rx_budget: 4294967295
dev.bxe.0.state: 0
dev.bxe.0.rx_bytes: 0
dev.bxe.0.rx_error_bytes: 0
dev.bxe.0.rx_ucast_packets: 0
dev.bxe.0.rx_mcast_packets: 0
dev.bxe.0.rx_bcast_packets: 0
dev.bxe.0.rx_crc_errors: 0
dev.bxe.0.rx_align_errors: 0
dev.bxe.0.rx_undersize_packets: 0
dev.bxe.0.rx_oversize_packets: 0
dev.bxe.0.rx_fragments: 0
dev.bxe.0.rx_jabbers: 0
dev.bxe.0.rx_discards: 0
dev.bxe.0.rx_filtered_packets: 0
dev.bxe.0.rx_mf_tag_discard: 0
dev.bxe.0.pfc_frames_received: 0
dev.bxe.0.pfc_frames_sent: 0
dev.bxe.0.rx_brbr_discard: 0
dev.bxe.0.rx_brbr_truncate: 0
dev.bxe.0.rx_pause_frames: 0
dev.bxe.0.rx_mac_ctrl_frames: 0
dev.bxe.0.rx_constant_pause_events: 0
dev.bxe.0.tx_bytes: 0
dev.bxe.0.tx_error_bytes: 0
dev.bxe.0.tx_ucast_packets: 0
dev.bxe.0.tx_mcast_packets: 0
dev.bxe.0.tx_bcast_packets: 0
dev.bxe.0.tx_mac_errors: 0
dev.bxe.0.tx_carrier_errors: 0
dev.bxe.0.tx_single_collisions: 0
dev.bxe.0.tx_multi_collisions: 0
dev.bxe.0.tx_deferred: 0
dev.bxe.0.tx_excess_collisions: 0
dev.bxe.0.tx_late_collisions: 0
dev.bxe.0.tx_total_collisions: 0
dev.bxe.0.tx_64_byte_packets: 0
dev.bxe.0.tx_65_to_127_byte_packets: 0
dev.bxe.0.tx_128_to_255_byte_packets: 0
dev.bxe.0.tx_256_to_511_byte_packets: 0
dev.bxe.0.tx_512_to_1023_byte_packets: 0
dev.bxe.0.tx_1024_to_1522_byte_packets: 0
dev.bxe.0.tx_1523_to_9022_byte_packets: 0
dev.bxe.0.tx_pause_frames: 0
dev.bxe.0.tpa_aggregations: 0
dev.bxe.0.tpa_aggregated_frames: 0
dev.bxe.0.tpa_bytes: 0
dev.bxe.0.eee_tx_lpi: 0
dev.bxe.0.rx_calls: 0
dev.bxe.0.rx_pkts: 0
dev.bxe.0.rx_tpa_pkts: 0
dev.bxe.0.rx_soft_errors: 0
dev.bxe.0.rx_hw_csum_errors: 0
dev.bxe.0.rx_ofld_frames_csum_ip: 0
dev.bxe.0.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.0.rx_budget_reached: 0
dev.bxe.0.tx_pkts: 0
dev.bxe.0.tx_soft_errors: 0
dev.bxe.0.tx_ofld_frames_csum_ip: 0
dev.bxe.0.tx_ofld_frames_csum_tcp: 0
dev.bxe.0.tx_ofld_frames_csum_udp: 0
dev.bxe.0.tx_ofld_frames_lso: 0
dev.bxe.0.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.tx_encap_failures: 0
dev.bxe.0.tx_hw_queue_full: 0
dev.bxe.0.tx_hw_max_queue_depth: 0
dev.bxe.0.tx_dma_mapping_failure: 0
dev.bxe.0.tx_max_drbr_queue_depth: 0
dev.bxe.0.tx_window_violation_std: 0
dev.bxe.0.tx_window_violation_tso: 0
dev.bxe.0.tx_chain_lost_mbuf: 0
dev.bxe.0.tx_frames_deferred: 0
dev.bxe.0.tx_queue_xoff: 0
dev.bxe.0.mbuf_defrag_attempts: 0
dev.bxe.0.mbuf_defrag_failures: 0
dev.bxe.0.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.0.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.0.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.mbuf_rx_sge_mapping_failed: 0
dev.bxe.0.mbuf_alloc_tx: 0
dev.bxe.0.mbuf_alloc_rx: 0
dev.bxe.0.mbuf_alloc_sge: 0
dev.bxe.0.mbuf_alloc_tpa: 0
dev.bxe.0.queue.0.rx_bytes: 0
dev.bxe.0.queue.0.rx_ucast_packets: 0
dev.bxe.0.queue.0.rx_mcast_packets: 0
dev.bxe.0.queue.0.rx_bcast_packets: 0
dev.bxe.0.queue.0.rx_discards: 0

dev.bxe.0.queue.0.tx_bytes: 0
dev.bxe.0.queue.0.tx_ucast_packets: 0
dev.bxe.0.queue.0.tx_mcast_packets: 0
dev.bxe.0.queue.0.tx_bcast_packets: 0
dev.bxe.0.queue.0.tpa_aggregations: 0
dev.bxe.0.queue.0.tpa_aggregated_frames: 0
dev.bxe.0.queue.0.tpa_bytes: 0
dev.bxe.0.queue.0.rx_calls: 0
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dev.bxe.0.queue.0.rx_tpa_pkts: 0
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dev.bxe.0.queue.0.rx_hw_csum_errors: 0
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dev.bxe.0.queue.0.rx_ofld_frames_csum_tcp_udp: 0
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dev.bxe.0.queue.0.tx_pkts: 0
dev.bxe.0.queue.0.tx_soft_errors: 0
dev.bxe.0.queue.0.tx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.0.tx_ofld_frames_csum_tcp: 0
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dev.bxe.0.queue.0.tx_ofld_frames_lso: 0
dev.bxe.0.queue.0.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.queue.0.tx_encap_failures: 0
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dev.bxe.0.queue.0.tx_hw_max_queue_depth: 0
dev.bxe.0.queue.0.tx_dma_mapping_failure: 0
dev.bxe.0.queue.0.tx_max_drbr_queue_depth: 0
dev.bxe.0.queue.0.tx_window_violation_std: 0
dev.bxe.0.queue.0.tx_window_violation_tso: 0
dev.bxe.0.queue.0.tx_chain_lost_mbuf: 0
dev.bxe.0.queue.0.tx_frames_deferred: 0
dev.bxe.0.queue.0.tx_queue_xoff: 0
dev.bxe.0.queue.0.mbuf_defrag_attempts: 0
dev.bxe.0.queue.0.mbuf_defrag_failures: 0
dev.bxe.0.queue.0.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.queue.0.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.queue.0.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.0.queue.0.mbuf_rx_tpa_mapping_failed: 0
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dev.bxe.0.queue.0.mbuf_alloc_tx: 0
dev.bxe.0.queue.0.mbuf_alloc_rx: 0
dev.bxe.0.queue.0.mbuf_alloc_sge: 0
dev.bxe.0.queue.0.mbuf_alloc_tpa: 0
dev.bxe.0.queue.1.rx_bytes: 0
dev.bxe.0.queue.1.rx_ucast_packets: 0
dev.bxe.0.queue.1.rx_mcast_packets: 0
dev.bxe.0.queue.1.rx_bcast_packets: 0
dev.bxe.0.queue.1.rx_discards: 0
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dev.bxe.0.queue.1.tx_ucast_packets: 0
dev.bxe.0.queue.1.tx_mcast_packets: 0
dev.bxe.0.queue.1.tx_bcast_packets: 0
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dev.bxe.0.queue.1.tpa_bytes: 0
dev.bxe.0.queue.1.rx_calls: 0
dev.bxe.0.queue.1.rx_pkts: 0
dev.bxe.0.queue.1.rx_tpa_pkts: 0
dev.bxe.0.queue.1.rx_soft_errors: 0
dev.bxe.0.queue.1.rx_hw_csum_errors: 0
dev.bxe.0.queue.1.rx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.1.rx_ofld_frames_csum_tcp_udp: 0
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dev.bxe.0.queue.1.tx_soft_errors: 0
dev.bxe.0.queue.1.tx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.1.tx_ofld_frames_csum_tcp: 0
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dev.bxe.0.queue.1.tx_ofld_frames_lso: 0
dev.bxe.0.queue.1.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.queue.1.tx_encap_failures: 0
dev.bxe.0.queue.1.tx_hw_queue_full: 0
dev.bxe.0.queue.1.tx_hw_max_queue_depth: 0
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dev.bxe.0.queue.1.tx_max_drbr_queue_depth: 0
dev.bxe.0.queue.1.tx_window_violation_std: 0
dev.bxe.0.queue.1.tx_window_violation_tso: 0
dev.bxe.0.queue.1.tx_chain_lost_mbuf: 0
dev.bxe.0.queue.1.tx_frames_deferred: 0
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dev.bxe.0.queue.1.mbuf_defrag_attempts: 0
dev.bxe.0.queue.1.mbuf_defrag_failures: 0
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dev.bxe.0.queue.1.mbuf_rx_bd_mapping_failed: 0
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dev.bxe.0.queue.1.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.0.queue.1.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.queue.1.mbuf_rx_sge_mapping_failed: 0
dev.bxe.0.queue.1.mbuf_alloc_tx: 0

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dev.bxe.0.queue.1.mbuf_alloc_rx: 0
dev.bxe.0.queue.1.mbuf_alloc_sge: 0
dev.bxe.0.queue.1.mbuf_alloc_tpa: 0
dev.bxe.0.queue.2.rx_bytes: 0
dev.bxe.0.queue.2.rx_ucast_packets: 0
dev.bxe.0.queue.2.rx_mcast_packets: 0
dev.bxe.0.queue.2.rx_bcast_packets: 0
dev.bxe.0.queue.2.rx_discards: 0
dev.bxe.0.queue.2.tx_bytes: 0
dev.bxe.0.queue.2.tx_ucast_packets: 0
dev.bxe.0.queue.2.tx_mcast_packets: 0
dev.bxe.0.queue.2.tx_bcast_packets: 0
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dev.bxe.0.queue.2.tpa_bytes: 0
dev.bxe.0.queue.2.rx_calls: 0
dev.bxe.0.queue.2.rx_pkts: 0
dev.bxe.0.queue.2.rx_tpa_pkts: 0
dev.bxe.0.queue.2.rx_soft_errors: 0
dev.bxe.0.queue.2.rx_hw_csum_errors: 0
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dev.bxe.0.queue.2.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.0.queue.2.rx_budget_reached: 0
dev.bxe.0.queue.2.tx_pkts: 0
dev.bxe.0.queue.2.tx_soft_errors: 0
dev.bxe.0.queue.2.tx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.2.tx_ofld_frames_csum_tcp: 0
dev.bxe.0.queue.2.tx_ofld_frames_csum_udp: 0
dev.bxe.0.queue.2.tx_ofld_frames_lso: 0
dev.bxe.0.queue.2.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.queue.2.tx_encap_failures: 0
dev.bxe.0.queue.2.tx_hw_queue_full: 0
dev.bxe.0.queue.2.tx_hw_max_queue_depth: 0
dev.bxe.0.queue.2.tx_dma_mapping_failure: 0
dev.bxe.0.queue.2.tx_max_drbr_queue_depth: 0
dev.bxe.0.queue.2.tx_window_violation_std: 0
dev.bxe.0.queue.2.tx_window_violation_tso: 0
dev.bxe.0.queue.2.tx_chain_lost_mbuf: 0
dev.bxe.0.queue.2.tx_frames_deferred: 0
dev.bxe.0.queue.2.tx_queue_xoff: 0
dev.bxe.0.queue.2.mbuf_defrag_attempts: 0
dev.bxe.0.queue.2.mbuf_defrag_failures: 0
dev.bxe.0.queue.2.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.queue.2.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.queue.2.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.0.queue.2.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.0.queue.2.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.queue.2.mbuf_rx_sge_mapping_failed: 0
dev.bxe.0.queue.2.mbuf_alloc_tx: 0
dev.bxe.0.queue.2.mbuf_alloc_rx: 0
dev.bxe.0.queue.2.mbuf_alloc_sge: 0
dev.bxe.0.queue.2.mbuf_alloc_tpa: 0
dev.bxe.0.queue.3.rx_bytes: 0
dev.bxe.0.queue.3.rx_ucast_packets: 0
dev.bxe.0.queue.3.rx_mcast_packets: 0
dev.bxe.0.queue.3.rx_bcast_packets: 0
dev.bxe.0.queue.3.rx_discards: 0
dev.bxe.0.queue.3.tx_bytes: 0
dev.bxe.0.queue.3.tx_ucast_packets: 0
dev.bxe.0.queue.3.tx_mcast_packets: 0
dev.bxe.0.queue.3.tx_bcast_packets: 0
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dev.bxe.0.queue.3.tpa_aggregated_frames: 0
dev.bxe.0.queue.3.tpa_bytes: 0
dev.bxe.0.queue.3.rx_calls: 0
dev.bxe.0.queue.3.rx_pkts: 0
dev.bxe.0.queue.3.rx_tpa_pkts: 0
dev.bxe.0.queue.3.rx_soft_errors: 0
dev.bxe.0.queue.3.rx_hw_csum_errors: 0
dev.bxe.0.queue.3.rx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.3.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.0.queue.3.rx_budget_reached: 0
dev.bxe.0.queue.3.tx_pkts: 0
dev.bxe.0.queue.3.tx_soft_errors: 0
dev.bxe.0.queue.3.tx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.3.tx_ofld_frames_csum_tcp: 0
dev.bxe.0.queue.3.tx_ofld_frames_csum_udp: 0
dev.bxe.0.queue.3.tx_ofld_frames_lso: 0
dev.bxe.0.queue.3.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.queue.3.tx_encap_failures: 0
dev.bxe.0.queue.3.tx_hw_queue_full: 0
dev.bxe.0.queue.3.tx_hw_max_queue_depth: 0
dev.bxe.0.queue.3.tx_dma_mapping_failure: 0
dev.bxe.0.queue.3.tx_max_drbr_queue_depth: 0
dev.bxe.0.queue.3.tx_window_violation_std: 0
dev.bxe.0.queue.3.tx_window_violation_tso: 0
dev.bxe.0.queue.3.tx_chain_lost_mbuf: 0
dev.bxe.0.queue.3.tx_frames_deferred: 0
dev.bxe.0.queue.3.tx_queue_xoff: 0
dev.bxe.0.queue.3.mbuf_defrag_attempts: 0

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dev.bxe.0.queue.3.mbuf_defrag_failures: 0
dev.bxe.0.queue.3.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.queue.3.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.queue.3.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.0.queue.3.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.0.queue.3.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.queue.3.mbuf_rx_sge_mapping_failed: 0
dev.bxe.0.queue.3.mbuf_alloc_tx: 0
dev.bxe.0.queue.3.mbuf_alloc_rx: 0
dev.bxe.0.queue.3.mbuf_alloc_sge: 0
dev.bxe.0.queue.3.mbuf_alloc_tpa: 0
dev.bxe.1.%desc: Broadcom NetXtreme II BCM57810 10GbE (B0) BXE v:1.78.75
dev.bxe.1.%driver: bxe
dev.bxe.1.%location: slot=0 function=1
dev.bxe.1.%pnpinfo: vendor=0x14e4 device=0x168e subvendor=0x1bcf subdevice=0x8034 class=0x020000
dev.bxe.1.%parent: pci3
dev.bxe.1.version: 1.78.75
dev.bxe.1.bc_version: 7.0.49
dev.bxe.1.fw_version: 7.8.51.0
dev.bxe.1.mf_mode: Single
dev.bxe.1.mf_vnics: 1
dev.bxe.1.mac_addr: 8c:89:a5:5f:37:c3
dev.bxe.1.pci_link: 5.0GT/s x8
dev.bxe.1.debug: 0
dev.bxe.1.rx_budget: 4294967295
dev.bxe.1.state: 0
dev.bxe.1.rx_bytes: 0
dev.bxe.1.rx_error_bytes: 0
dev.bxe.1.rx_ucast_packets: 0
dev.bxe.1.rx_mcast_packets: 0
dev.bxe.1.rx_bcast_packets: 0
dev.bxe.1.rx_crc_errors: 0
dev.bxe.1.rx_align_errors: 0
dev.bxe.1.rx_undersize_packets: 0
dev.bxe.1.rx_oversize_packets: 0
dev.bxe.1.rx_fragments: 0
dev.bxe.1.rx_jabbers: 0
dev.bxe.1.rx_discards: 0
dev.bxe.1.rx_filtered_packets: 0
dev.bxe.1.rx_mf_tag_discard: 0
dev.bxe.1.pfc_frames_received: 0
dev.bxe.1.pfc_frames_sent: 0
dev.bxe.1.rx_brbr_discard: 0
dev.bxe.1.rx_brbr_truncate: 0
dev.bxe.1.rx_pause_frames: 0
dev.bxe.1.rx_mac_ctrl_frames: 0
dev.bxe.1.rx_constant_pause_events: 0
dev.bxe.1.tx_bytes: 0
dev.bxe.1.tx_error_bytes: 0
dev.bxe.1.tx_ucast_packets: 0
dev.bxe.1.tx_mcast_packets: 0
dev.bxe.1.tx_bcast_packets: 0
dev.bxe.1.tx_mac_errors: 0
dev.bxe.1.tx_carrier_errors: 0
dev.bxe.1.tx_single_collisions: 0
dev.bxe.1.tx_multi_collisions: 0
dev.bxe.1.tx_deferred: 0
dev.bxe.1.tx_excess_collisions: 0
dev.bxe.1.tx_late_collisions: 0
dev.bxe.1.tx_total_collisions: 0
dev.bxe.1.tx_64_byte_packets: 0
dev.bxe.1.tx_65_to_127_byte_packets: 0
dev.bxe.1.tx_128_to_255_byte_packets: 0
dev.bxe.1.tx_256_to_511_byte_packets: 0
dev.bxe.1.tx_512_to_1023_byte_packets: 0
dev.bxe.1.tx_1024_to_1522_byte_packets: 0
dev.bxe.1.tx_1523_to_9022_byte_packets: 0
dev.bxe.1.tx_pause_frames: 0
dev.bxe.1.tpa_aggregations: 0
dev.bxe.1.tpa_aggregated_frames: 0
dev.bxe.1.tpa_bytes: 0
dev.bxe.1.eee_tx_lpi: 0
dev.bxe.1.rx_calls: 0
dev.bxe.1.rx_pkts: 0
dev.bxe.1.rx_tpa_pkts: 0
dev.bxe.1.rx_soft_errors: 0
dev.bxe.1.rx_hw_csum_errors: 0
dev.bxe.1.rx_ofld_frames_csum_ip: 0
dev.bxe.1.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.rx_budget_reached: 0
dev.bxe.1.tx_pkts: 0
dev.bxe.1.tx_soft_errors: 0
dev.bxe.1.tx_ofld_frames_csum_ip: 0
dev.bxe.1.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.tx_ofld_frames_csum_udp: 0
dev.bxe.1.tx_ofld_frames_lso: 0
dev.bxe.1.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.tx_encap_failures: 0
dev.bxe.1.tx_hw_queue_full: 0
dev.bxe.1.tx_hw_max_queue_depth: 0

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dev.bxe.1.tx_dma_mapping_failure: 0
dev.bxe.1.tx_max_drbr_queue_depth: 0
dev.bxe.1.tx_window_violation_std: 0
dev.bxe.1.tx_window_violation_tso: 0
dev.bxe.1.tx_chain_lost_mbuf: 0
dev.bxe.1.tx_frames_deferred: 0
dev.bxe.1.tx_queue_xoff: 0
dev.bxe.1.mbuf_defrag_attempts: 0
dev.bxe.1.mbuf_defrag_failures: 0
dev.bxe.1.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.mbuf_alloc_tx: 0
dev.bxe.1.mbuf_alloc_rx: 0
dev.bxe.1.mbuf_alloc_sge: 0
dev.bxe.1.mbuf_alloc_tpa: 0
dev.bxe.1.queue.0.rx_bytes: 0
dev.bxe.1.queue.0.rx_ucast_packets: 0
dev.bxe.1.queue.0.rx_mcast_packets: 0
dev.bxe.1.queue.0.rx_bcast_packets: 0
dev.bxe.1.queue.0.rx_discards: 0
dev.bxe.1.queue.0.tx_bytes: 0
dev.bxe.1.queue.0.tx_ucast_packets: 0
dev.bxe.1.queue.0.tx_mcast_packets: 0
dev.bxe.1.queue.0.tx_bcast_packets: 0
dev.bxe.1.queue.0.tpa_aggregations: 0
dev.bxe.1.queue.0.tpa_aggregated_frames: 0
dev.bxe.1.queue.0.tpa_bytes: 0
dev.bxe.1.queue.0.rx_calls: 0
dev.bxe.1.queue.0.rx_pkts: 0
dev.bxe.1.queue.0.rx_tpa_pkts: 0
dev.bxe.1.queue.0.rx_soft_errors: 0
dev.bxe.1.queue.0.rx_hw_csum_errors: 0
dev.bxe.1.queue.0.rx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.0.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.queue.0.rx_budget_reached: 0
dev.bxe.1.queue.0.tx_pkts: 0
dev.bxe.1.queue.0.tx_soft_errors: 0
dev.bxe.1.queue.0.tx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.0.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.queue.0.tx_ofld_frames_csum_udp: 0
dev.bxe.1.queue.0.tx_ofld_frames_lso: 0
dev.bxe.1.queue.0.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.queue.0.tx_encap_failures: 0
dev.bxe.1.queue.0.tx_hw_queue_full: 0
dev.bxe.1.queue.0.tx_hw_max_queue_depth: 0
dev.bxe.1.queue.0.tx_dma_mapping_failure: 0
dev.bxe.1.queue.0.tx_max_drbr_queue_depth: 0
dev.bxe.1.queue.0.tx_window_violation_std: 0
dev.bxe.1.queue.0.tx_window_violation_tso: 0
dev.bxe.1.queue.0.tx_chain_lost_mbuf: 0
dev.bxe.1.queue.0.tx_frames_deferred: 0
dev.bxe.1.queue.0.tx_queue_xoff: 0
dev.bxe.1.queue.0.mbuf_defrag_attempts: 0
dev.bxe.1.queue.0.mbuf_defrag_failures: 0
dev.bxe.1.queue.0.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.queue.0.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.queue.0.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.queue.0.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.queue.0.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.queue.0.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.queue.0.mbuf_alloc_tx: 0
dev.bxe.1.queue.0.mbuf_alloc_rx: 0
dev.bxe.1.queue.0.mbuf_alloc_sge: 0
dev.bxe.1.queue.0.mbuf_alloc_tpa: 0
dev.bxe.1.queue.1.rx_bytes: 0
dev.bxe.1.queue.1.rx_ucast_packets: 0
dev.bxe.1.queue.1.rx_mcast_packets: 0
dev.bxe.1.queue.1.rx_bcast_packets: 0
dev.bxe.1.queue.1.rx_discards: 0
dev.bxe.1.queue.1.tx_bytes: 0
dev.bxe.1.queue.1.tx_ucast_packets: 0
dev.bxe.1.queue.1.tx_mcast_packets: 0
dev.bxe.1.queue.1.tx_bcast_packets: 0
dev.bxe.1.queue.1.tpa_aggregations: 0
dev.bxe.1.queue.1.tpa_aggregated_frames: 0
dev.bxe.1.queue.1.tpa_bytes: 0
dev.bxe.1.queue.1.rx_calls: 0
dev.bxe.1.queue.1.rx_pkts: 0
dev.bxe.1.queue.1.rx_tpa_pkts: 0
dev.bxe.1.queue.1.rx_soft_errors: 0
dev.bxe.1.queue.1.rx_hw_csum_errors: 0
dev.bxe.1.queue.1.rx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.1.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.queue.1.rx_budget_reached: 0
dev.bxe.1.queue.1.tx_pkts: 0
dev.bxe.1.queue.1.tx_soft_errors: 0

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dev.bxe.1.queue.1.tx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.1.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.queue.1.tx_ofld_frames_csum_udp: 0
dev.bxe.1.queue.1.tx_ofld_frames_lso: 0
dev.bxe.1.queue.1.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.queue.1.tx_encap_failures: 0
dev.bxe.1.queue.1.tx_hw_queue_full: 0
dev.bxe.1.queue.1.tx_hw_max_queue_depth: 0
dev.bxe.1.queue.1.tx_dma_mapping_failure: 0
dev.bxe.1.queue.1.tx_max_drbr_queue_depth: 0
dev.bxe.1.queue.1.tx_window_violation_std: 0
dev.bxe.1.queue.1.tx_window_violation_tso: 0
dev.bxe.1.queue.1.tx_chain_lost_mbuf: 0
dev.bxe.1.queue.1.tx_frames_deferred: 0
dev.bxe.1.queue.1.tx_queue_xoff: 0
dev.bxe.1.queue.1.mbuf_defrag_attempts: 0
dev.bxe.1.queue.1.mbuf_defrag_failures: 0
dev.bxe.1.queue.1.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.queue.1.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.queue.1.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.queue.1.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.queue.1.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.queue.1.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.queue.1.mbuf_alloc_tx: 0
dev.bxe.1.queue.1.mbuf_alloc_rx: 0
dev.bxe.1.queue.1.mbuf_alloc_sge: 0
dev.bxe.1.queue.1.mbuf_alloc_tpa: 0
dev.bxe.1.queue.2.rx_bytes: 0
dev.bxe.1.queue.2.rx_ucast_packets: 0
dev.bxe.1.queue.2.rx_mcast_packets: 0
dev.bxe.1.queue.2.rx_bcast_packets: 0
dev.bxe.1.queue.2.rx_discards: 0
dev.bxe.1.queue.2.tx_bytes: 0
dev.bxe.1.queue.2.tx_ucast_packets: 0
dev.bxe.1.queue.2.tx_mcast_packets: 0
dev.bxe.1.queue.2.tx_bcast_packets: 0
dev.bxe.1.queue.2.tpa_aggregations: 0
dev.bxe.1.queue.2.tpa_aggregated_frames: 0
dev.bxe.1.queue.2.tpa_bytes: 0
dev.bxe.1.queue.2.rx_calls: 0
dev.bxe.1.queue.2.rx_pkts: 0
dev.bxe.1.queue.2.rx_tpa_pkts: 0
dev.bxe.1.queue.2.rx_soft_errors: 0
dev.bxe.1.queue.2.rx_hw_csum_errors: 0
dev.bxe.1.queue.2.rx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.2.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.queue.2.rx_budget_reached: 0
dev.bxe.1.queue.2.tx_pkts: 0
dev.bxe.1.queue.2.tx_soft_errors: 0
dev.bxe.1.queue.2.tx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.2.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.queue.2.tx_ofld_frames_csum_udp: 0
dev.bxe.1.queue.2.tx_ofld_frames_lso: 0
dev.bxe.1.queue.2.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.queue.2.tx_encap_failures: 0
dev.bxe.1.queue.2.tx_hw_queue_full: 0
dev.bxe.1.queue.2.tx_hw_max_queue_depth: 0
dev.bxe.1.queue.2.tx_dma_mapping_failure: 0
dev.bxe.1.queue.2.tx_max_drbr_queue_depth: 0
dev.bxe.1.queue.2.tx_window_violation_std: 0
dev.bxe.1.queue.2.tx_window_violation_tso: 0
dev.bxe.1.queue.2.tx_chain_lost_mbuf: 0
dev.bxe.1.queue.2.tx_frames_deferred: 0
dev.bxe.1.queue.2.tx_queue_xoff: 0
dev.bxe.1.queue.2.mbuf_defrag_attempts: 0
dev.bxe.1.queue.2.mbuf_defrag_failures: 0
dev.bxe.1.queue.2.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.queue.2.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.queue.2.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.queue.2.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.queue.2.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.queue.2.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.queue.2.mbuf_alloc_tx: 0
dev.bxe.1.queue.2.mbuf_alloc_rx: 0
dev.bxe.1.queue.2.mbuf_alloc_sge: 0
dev.bxe.1.queue.2.mbuf_alloc_tpa: 0
dev.bxe.1.queue.3.rx_bytes: 0
dev.bxe.1.queue.3.rx_ucast_packets: 0
dev.bxe.1.queue.3.rx_mcast_packets: 0
dev.bxe.1.queue.3.rx_bcast_packets: 0
dev.bxe.1.queue.3.rx_discards: 0
dev.bxe.1.queue.3.tx_bytes: 0
dev.bxe.1.queue.3.tx_ucast_packets: 0
dev.bxe.1.queue.3.tx_mcast_packets: 0
dev.bxe.1.queue.3.tx_bcast_packets: 0
dev.bxe.1.queue.3.tpa_aggregations: 0
dev.bxe.1.queue.3.tpa_aggregated_frames: 0
dev.bxe.1.queue.3.tpa_bytes: 0
dev.bxe.1.queue.3.rx_calls: 0
dev.bxe.1.queue.3.rx_pkts: 0
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dev.bxe.1.queue.3.rx_tpa_pkts: 0
dev.bxe.1.queue.3.rx_soft_errors: 0
dev.bxe.1.queue.3.rx_hw_csum_errors: 0
dev.bxe.1.queue.3.rx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.3.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.queue.3.rx_budget_reached: 0
dev.bxe.1.queue.3.tx_pkts: 0
dev.bxe.1.queue.3.tx_soft_errors: 0
dev.bxe.1.queue.3.tx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.3.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.queue.3.tx_ofld_frames_csum_udp: 0
dev.bxe.1.queue.3.tx_ofld_frames_lso: 0
dev.bxe.1.queue.3.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.queue.3.tx_encap_failures: 0
dev.bxe.1.queue.3.tx_hw_queue_full: 0
dev.bxe.1.queue.3.tx_hw_max_queue_depth: 0
dev.bxe.1.queue.3.tx_dma_mapping_failure: 0
dev.bxe.1.queue.3.tx_max_drbr_queue_depth: 0
dev.bxe.1.queue.3.tx_window_violation_std: 0
dev.bxe.1.queue.3.tx_window_violation_tso: 0
dev.bxe.1.queue.3.tx_chain_lost_mbuf: 0
dev.bxe.1.queue.3.tx_frames_deferred: 0
dev.bxe.1.queue.3.tx_queue_xoff: 0
dev.bxe.1.queue.3.mbuf_defrag_attempts: 0
dev.bxe.1.queue.3.mbuf_defrag_failures: 0
dev.bxe.1.queue.3.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.queue.3.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.queue.3.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.queue.3.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.queue.3.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.queue.3.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.queue.3.mbuf_alloc_tx: 0
dev.bxe.1.queue.3.mbuf_alloc_rx: 0
dev.bxe.1.queue.3.mbuf_alloc_sge: 0
dev.bxe.1.queue.3.mbuf_alloc_tpa: 0
dev.ioapic.0.%desc: IO(x) APIC
dev.ioapic.0.%driver: ioapic
dev.ioapic.0.%location: slot=5 function=4
dev.ioapic.0.%pnpinfo: vendor=0x8086 device=0x3c2c subvendor=0x1bcf subdevice=0x800f class=0x080020
dev.ioapic.0.%parent: pci0
dev.ioapic.1.%desc: IO(x) APIC
dev.ioapic.1.%driver: ioapic
dev.ioapic.1.%location: slot=5 function=4
dev.ioapic.1.%pnpinfo: vendor=0x8086 device=0x3c2c subvendor=0x1bcf subdevice=0x800f class=0x080020
dev.ioapic.1.%parent: pci128
dev.ehci.0.%desc: EHCI (generic) USB 2.0 controller
dev.ehci.0.%driver: ehci
dev.ehci.0.%location: slot=26 function=0 handle=\_SB_.PCI0.USBE
dev.ehci.0.%pnpinfo: vendor=0x8086 device=0x1d2d subvendor=0x1bcf subdevice=0x800f class=0x0c0320
dev.ehci.0.%parent: pci0
dev.ehci.0.wake: 0
dev.ehci.1.%desc: EHCI (generic) USB 2.0 controller
dev.ehci.1.%driver: ehci
dev.ehci.1.%location: slot=29 function=0 handle=\_SB_.PCI0.EUSB
dev.ehci.1.%pnpinfo: vendor=0x8086 device=0x1d26 subvendor=0x1bcf subdevice=0x800f class=0x0c0320
dev.ehci.1.%parent: pci0
dev.ehci.1.wake: 0
dev.usbus.0.%driver: usb
dev.usbus.0.%parent: ehci0
dev.usbus.1.%driver: usb
dev.usbus.1.%parent: ehci1
dev.vgapci.0.%desc: VGA-compatible display
dev.vgapci.0.%driver: vgapci
dev.vgapci.0.%location: slot=0 function=0
dev.vgapci.0.%pnpinfo: vendor=0x102b device=0x0522 subvendor=0x1bcf subdevice=0x800f class=0x030000
dev.vgapci.0.%parent: pci5
dev.isab.0.%desc: PCI-ISA bridge
dev.isab.0.%driver: isab
dev.isab.0.%location: slot=31 function=0 handle=\_SB_.PCI0.SBRG
dev.isab.0.%pnpinfo: vendor=0x8086 device=0x1d41 subvendor=0x1bcf subdevice=0x800f class=0x060100
dev.isab.0.%parent: pci0
dev.isa.0.%desc: ISA bus
dev.isa.0.%driver: isa
dev.isa.0.%parent: isab0
dev.atapci.0.%desc: Intel Patsburg SATA300 controller
dev.atapci.0.%driver: atapci
dev.atapci.0.%location: slot=31 function=2 handle=\_SB_.PCI0.SAT0
dev.atapci.0.%pnpinfo: vendor=0x8086 device=0x1d00 subvendor=0x1bcf subdevice=0x800f class=0x01018f
dev.atapci.0.%parent: pci0
dev.atapci.1.%desc: Intel Patsburg SATA300 controller
dev.atapci.1.%driver: atapci
dev.atapci.1.%location: slot=31 function=5 handle=\_SB_.PCI0.SAT1
dev.atapci.1.%pnpinfo: vendor=0x8086 device=0x1d08 subvendor=0x1bcf subdevice=0x800f class=0x010185
dev.atapci.1.%parent: pci0
dev.ata.2.%desc: ATA channel
dev.ata.2.%driver: ata
dev.ata.2.%location: channel=0
dev.ata.2.%parent: atapci0
dev.ata.3.%desc: ATA channel
dev.ata.3.%driver: ata

```

```

dev.ata.3.%Location: channel=1
dev.ata.3.%parent: atapci0
dev.ata.4.%desc: ATA channel
dev.ata.4.%driver: ata
dev.ata.4.%Location: channel=0
dev.ata.4.%parent: atapci1
dev.ata.5.%desc: ATA channel
dev.ata.5.%driver: ata
dev.ata.5.%Location: channel=1
dev.ata.5.%parent: atapci1
dev.acpi_button.0.%desc: Power Button
dev.acpi_button.0.%driver: acpi_button
dev.acpi_button.0.%Location: handle=\_SB_.PWRB
dev.acpi_button.0.%pnpinfo: _HID=PNP0C0C _UID=170
dev.acpi_button.0.%parent: acpi0
dev.uart.0.%desc: 16550 or compatible
dev.uart.0.%driver: uart
dev.uart.0.%Location: handle=\_SB_.PCI0.SBRG.UAR1
dev.uart.0.%pnpinfo: _HID=PNP0501 _UID=1
dev.uart.0.%parent: acpi0
dev.uart.0.wake: 0
dev.uart.1.%desc: 16550 or compatible
dev.uart.1.%driver: uart
dev.uart.1.%Location: handle=\_SB_.PCI0.SBRG.UAR2
dev.uart.1.%pnpinfo: _HID=PNP0501 _UID=2
dev.uart.1.%parent: acpi0
dev.uart.1.wake: 0
dev.atdma.0.%desc: AT DMA controller
dev.atdma.0.%driver: atdma
dev.atdma.0.%Location: handle=\_SB_.PCI0.SBRG.DMAD
dev.atdma.0.%pnpinfo: _HID=PNP0200 _UID=0
dev.atdma.0.%parent: acpi0
dev.fpupnp.0.%desc: Legacy ISA coprocessor support
dev.fpupnp.0.%driver: fpupnp
dev.fpupnp.0.%Location: handle=\_SB_.PCI0.SBRG.COPR
dev.fpupnp.0.%pnpinfo: _HID=PNP0C04 _UID=0
dev.fpupnp.0.%parent: acpi0
dev.apic.0.%desc: APIC resources
dev.apic.0.%driver: apic
dev.apic.0.%parent: nexus0
dev.orm.0.%desc: ISA Option ROMs
dev.orm.0.%driver: orm
dev.orm.0.%parent: isa0
dev.sc.0.%desc: System console
dev.sc.0.%driver: sc
dev.sc.0.%parent: isa0
dev.vga.0.%desc: Generic ISA VGA
dev.vga.0.%driver: vga
dev.vga.0.%parent: isa0
dev.acpi_perf.0.%driver: acpi_perf
dev.acpi_perf.0.%parent: cpu0
dev.acpi_perf.1.%driver: acpi_perf
dev.acpi_perf.1.%parent: cpu1
dev.acpi_perf.2.%driver: acpi_perf
dev.acpi_perf.2.%parent: cpu2
dev.acpi_perf.3.%driver: acpi_perf
dev.acpi_perf.3.%parent: cpu3
dev.acpi_perf.4.%driver: acpi_perf
dev.acpi_perf.4.%parent: cpu4
dev.acpi_perf.5.%driver: acpi_perf
dev.acpi_perf.5.%parent: cpu5
dev.acpi_perf.6.%driver: acpi_perf
dev.acpi_perf.6.%parent: cpu6
dev.acpi_perf.7.%driver: acpi_perf
dev.acpi_perf.7.%parent: cpu7
dev.acpi_perf.8.%driver: acpi_perf
dev.acpi_perf.8.%parent: cpu8
dev.acpi_perf.9.%driver: acpi_perf
dev.acpi_perf.9.%parent: cpu9
dev.acpi_perf.10.%driver: acpi_perf
dev.acpi_perf.10.%parent: cpu10
dev.acpi_perf.11.%driver: acpi_perf
dev.acpi_perf.11.%parent: cpu11
dev.acpi_perf.12.%driver: acpi_perf
dev.acpi_perf.12.%parent: cpu12
dev.acpi_perf.13.%driver: acpi_perf
dev.acpi_perf.13.%parent: cpu13
dev.acpi_perf.14.%driver: acpi_perf
dev.acpi_perf.14.%parent: cpu14
dev.acpi_perf.15.%driver: acpi_perf
dev.acpi_perf.15.%parent: cpu15
dev.acpi_perf.16.%driver: acpi_perf
dev.acpi_perf.16.%parent: cpu16
dev.acpi_perf.17.%driver: acpi_perf
dev.acpi_perf.17.%parent: cpu17
dev.acpi_perf.18.%driver: acpi_perf
dev.acpi_perf.18.%parent: cpu18
dev.acpi_perf.19.%driver: acpi_perf
dev.acpi_perf.19.%parent: cpu19
dev.acpi_perf.20.%driver: acpi_perf

```



```

dev.est.31.%parent: cpu31
dev.est.31.freq_settings: 2901/135000 2900/135000 2800/128126 2700/122703 2500/110866 2400/104480 2300/99500 2200/93350 2000/82640 1900/78048 1800/73564
1700/67984 1600/63681 1400/54216 1300/49081 1200/45172
dev.cpubfreq.0.%driver: cpufreq
dev.cpubfreq.0.%parent: cpu0
dev.cpubfreq.1.%driver: cpufreq
dev.cpubfreq.1.%parent: cpu1
dev.cpubfreq.2.%driver: cpufreq
dev.cpubfreq.2.%parent: cpu2
dev.cpubfreq.3.%driver: cpufreq
dev.cpubfreq.3.%parent: cpu3
dev.cpubfreq.4.%driver: cpufreq
dev.cpubfreq.4.%parent: cpu4
dev.cpubfreq.5.%driver: cpufreq
dev.cpubfreq.5.%parent: cpu5
dev.cpubfreq.6.%driver: cpufreq
dev.cpubfreq.6.%parent: cpu6
dev.cpubfreq.7.%driver: cpufreq
dev.cpubfreq.7.%parent: cpu7
dev.cpubfreq.8.%driver: cpufreq
dev.cpubfreq.8.%parent: cpu8
dev.cpubfreq.9.%driver: cpufreq
dev.cpubfreq.9.%parent: cpu9
dev.cpubfreq.10.%driver: cpufreq
dev.cpubfreq.10.%parent: cpu10
dev.cpubfreq.11.%driver: cpufreq
dev.cpubfreq.11.%parent: cpu11
dev.cpubfreq.12.%driver: cpufreq
dev.cpubfreq.12.%parent: cpu12
dev.cpubfreq.13.%driver: cpufreq
dev.cpubfreq.13.%parent: cpu13
dev.cpubfreq.14.%driver: cpufreq
dev.cpubfreq.14.%parent: cpu14
dev.cpubfreq.15.%driver: cpufreq
dev.cpubfreq.15.%parent: cpu15
dev.cpubfreq.16.%driver: cpufreq
dev.cpubfreq.16.%parent: cpu16
dev.cpubfreq.17.%driver: cpufreq
dev.cpubfreq.17.%parent: cpu17
dev.cpubfreq.18.%driver: cpufreq
dev.cpubfreq.18.%parent: cpu18
dev.cpubfreq.19.%driver: cpufreq
dev.cpubfreq.19.%parent: cpu19
dev.cpubfreq.20.%driver: cpufreq
dev.cpubfreq.20.%parent: cpu20
dev.cpubfreq.21.%driver: cpufreq
dev.cpubfreq.21.%parent: cpu21
dev.cpubfreq.22.%driver: cpufreq
dev.cpubfreq.22.%parent: cpu22
dev.cpubfreq.23.%driver: cpufreq
dev.cpubfreq.23.%parent: cpu23
dev.cpubfreq.24.%driver: cpufreq
dev.cpubfreq.24.%parent: cpu24
dev.cpubfreq.25.%driver: cpufreq
dev.cpubfreq.25.%parent: cpu25
dev.cpubfreq.26.%driver: cpufreq
dev.cpubfreq.26.%parent: cpu26
dev.cpubfreq.27.%driver: cpufreq
dev.cpubfreq.27.%parent: cpu27
dev.cpubfreq.28.%driver: cpufreq
dev.cpubfreq.28.%parent: cpu28
dev.cpubfreq.29.%driver: cpufreq
dev.cpubfreq.29.%parent: cpu29
dev.cpubfreq.30.%driver: cpufreq
dev.cpubfreq.30.%parent: cpu30
dev.cpubfreq.31.%driver: cpufreq
dev.cpubfreq.31.%parent: cpu31
dev.p4tcc.0.%desc: CPU Frequency Thermal Control
dev.p4tcc.0.%driver: p4tcc
dev.p4tcc.0.%parent: cpu0
dev.p4tcc.0.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.1.%desc: CPU Frequency Thermal Control
dev.p4tcc.1.%driver: p4tcc
dev.p4tcc.1.%parent: cpu1
dev.p4tcc.1.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.2.%desc: CPU Frequency Thermal Control
dev.p4tcc.2.%driver: p4tcc
dev.p4tcc.2.%parent: cpu2
dev.p4tcc.2.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.3.%desc: CPU Frequency Thermal Control
dev.p4tcc.3.%driver: p4tcc
dev.p4tcc.3.%parent: cpu3
dev.p4tcc.3.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.4.%desc: CPU Frequency Thermal Control
dev.p4tcc.4.%driver: p4tcc
dev.p4tcc.4.%parent: cpu4
dev.p4tcc.4.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.5.%desc: CPU Frequency Thermal Control
dev.p4tcc.5.%driver: p4tcc
dev.p4tcc.5.%parent: cpu5

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dev.p4tcc.28.%driver: p4tcc
dev.p4tcc.28.%parent: cpu28
dev.p4tcc.28.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.29.%desc: CPU Frequency Thermal Control
dev.p4tcc.29.%driver: p4tcc
dev.p4tcc.29.%parent: cpu29
dev.p4tcc.29.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.30.%desc: CPU Frequency Thermal Control
dev.p4tcc.30.%driver: p4tcc
dev.p4tcc.30.%parent: cpu30
dev.p4tcc.30.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.31.%desc: CPU Frequency Thermal Control
dev.p4tcc.31.%driver: p4tcc
dev.p4tcc.31.%parent: cpu31
dev.p4tcc.31.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.uhub.0.%desc: Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.0.%driver: uhub
dev.uhub.0.%parent: usb0
dev.uhub.1.%desc: Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.1.%driver: uhub
dev.uhub.1.%parent: usb1
dev.uhub.2.%desc: vendor 0x8087 product 0x0024, class 9/0, rev 2.00/0.00, addr 2
dev.uhub.2.%driver: uhub
dev.uhub.2.%location: bus=1 hubaddr=1 port=0 devaddr=2 interface=0
dev.uhub.2.%pnpinfo: vendor=0x8087 product=0x0024 devclass=0x09 devsubclass=0x00 sernum="" release=0x0000 mode=host intclass=0x09 intsubclass=0x00
intprotocol=0x00
dev.uhub.2.%parent: uhub0
dev.uhub.3.%desc: vendor 0x8087 product 0x0024, class 9/0, rev 2.00/0.00, addr 2
dev.uhub.3.%driver: uhub
dev.uhub.3.%location: bus=1 hubaddr=1 port=1 devaddr=2 interface=0
dev.uhub.3.%pnpinfo: vendor=0x8087 product=0x0024 devclass=0x09 devsubclass=0x00 sernum="" release=0x0000 mode=host intclass=0x09 intsubclass=0x00
intprotocol=0x00
dev.uhub.3.%parent: uhub1
dev.uhub.4.%desc: Chicony Generic USB Hub, class 9/0, rev 1.10/1.02, addr 3
dev.uhub.4.%driver: uhub
dev.uhub.4.%location: bus=2 hubaddr=2 port=0 devaddr=3 interface=0
dev.uhub.4.%pnpinfo: vendor=0x04fe product=0x0008 devclass=0x09 devsubclass=0x00 sernum="" release=0x0102 mode=host intclass=0x09 intsubclass=0x00
intprotocol=0x00
dev.uhub.4.%parent: uhub2
dev.mfid.0.%driver: mfid
dev.mfid.0.%parent: mfi0
dev.ukbd.0.%desc: Keyboard Interface
dev.ukbd.0.%driver: ukbd
dev.ukbd.0.%location: bus=2 hubaddr=1 port=1 devaddr=3 interface=0
dev.ukbd.0.%pnpinfo: vendor=0x046b product=0xff10 devclass=0x00 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x03 intsubclass=0x01
intprotocol=0x01
dev.ukbd.0.%parent: uhub3
dev.ukbd.1.%desc: Chicony PFU-65 USB Keyboard, class 0/0, rev 1.10/1.02, addr 4
dev.ukbd.1.%driver: ukbd
dev.ukbd.1.%location: bus=3 hubaddr=1 port=0 devaddr=4 interface=0
dev.ukbd.1.%pnpinfo: vendor=0x04fe product=0x0006 devclass=0x00 devsubclass=0x00 sernum="" release=0x0102 mode=host intclass=0x03 intsubclass=0x01
intprotocol=0x01
dev.ukbd.1.%parent: uhub4
dev.umass.0.%desc: Interface
dev.umass.0.%driver: umass
dev.umass.0.%location: bus=2 hubaddr=3 port=1 devaddr=4 interface=0
dev.umass.0.%pnpinfo: vendor=0x046b product=0xff92 devclass=0x00 devsubclass=0x00 sernum="AAAA8BBBCCCC4" release=0x0100 mode=host intclass=0x08
intsubclass=0x06 intprotocol=0x50
dev.umass.0.%parent: uhub3
dev.umass.1.%desc: UFD 2.0 Silicon-Power32G, class 0/0, rev 2.00/11.00, addr 5
dev.umass.1.%driver: umass
dev.umass.1.%location: bus=2 hubaddr=1 port=0 devaddr=5 interface=0
dev.umass.1.%pnpinfo: vendor=0x090c product=0x1000 devclass=0x00 devsubclass=0x00 sernum="1205010002800314" release=0x1100 mode=host intclass=0x08
intsubclass=0x06 intprotocol=0x50
dev.umass.1.%parent: uhub2
dev.ums.0.%desc: Mouse Interface
dev.ums.0.%driver: ums
dev.ums.0.%location: bus=2 hubaddr=1 port=1 devaddr=3 interface=1
dev.ums.0.%pnpinfo: vendor=0x046b product=0xff10 devclass=0x00 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x03 intsubclass=0x01
intprotocol=0x02
dev.ums.0.%parent: uhub3
dev.ums.0.parseinfo: i1: Z:r0, p40, s8; B1:r0, p0, s1; B2:r0, p1, s1; B3:r0, p2, s1;
hptmv.status: RocketRAID 18xx SATA Controller driver Version v1.16

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システム起動時メッセージ

```
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FreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59 UTC 2014
root@snap.freebsd.org:/usr/obj/usr/src/sys/GENERIC amd64
FreeBSD clang version 3.3 (tags/RELEASE_33/final 183502) 20130610
CPU: Intel(R) Xeon(R) CPU E5-2690 0 @ 2.90GHz (2900.06-MHz K8-class CPU)
Origin = "GenuineIntel" Id = 0x206d7 Family = 0x6 Model = 0x2d Stepping = 7
Features=0xbfebfbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV,PAT,PSE36,CLFLUSH,DTS,ACPI,MMX,FXSR,SSE,SSE2,SS,HTT,TM,PBE>

Features2=0x1fbee3ff<SSE3,PCLMULQDQ,DTES64,MON,DS_CPL,VMX,SMX,EST,TM2,SSSE3,CX16,xTPR,PDCM,PCID,DCA,SSE4.1,SSE4.2,x2APIC,POPCNT,TSCDLT,AESNI,XSAVE,OSXSAVE,AVX>
AMD Features=0x2c100800<SYSCALL,NX,Page1GB,RDTSCP,LM>
AMD Features2=0x1<LAHF>
TSC: P-state invariant, performance statistics
real memory = 68719476736 (65536 MB)
avail memory = 66635870208 (63548 MB)
Event timer "LAPIC" quality 600
ACPI APIC Table: <ALASKA 05B0 >
FreeBSD/SMP: Multiprocessor System Detected: 32 CPUs
FreeBSD/SMP: 2 package(s) x 8 core(s) x 2 SMT threads
cpu0 (BSP): APIC ID: 0
cpu1 (AP): APIC ID: 1
cpu2 (AP): APIC ID: 2
cpu3 (AP): APIC ID: 3
cpu4 (AP): APIC ID: 4
cpu5 (AP): APIC ID: 5
cpu6 (AP): APIC ID: 6
cpu7 (AP): APIC ID: 7
cpu8 (AP): APIC ID: 8
cpu9 (AP): APIC ID: 9
cpu10 (AP): APIC ID: 10
cpu11 (AP): APIC ID: 11
cpu12 (AP): APIC ID: 12
cpu13 (AP): APIC ID: 13
cpu14 (AP): APIC ID: 14
cpu15 (AP): APIC ID: 15
cpu16 (AP): APIC ID: 32
cpu17 (AP): APIC ID: 33
cpu18 (AP): APIC ID: 34
cpu19 (AP): APIC ID: 35
cpu20 (AP): APIC ID: 36
cpu21 (AP): APIC ID: 37
cpu22 (AP): APIC ID: 38
cpu23 (AP): APIC ID: 39
cpu24 (AP): APIC ID: 40
cpu25 (AP): APIC ID: 41
cpu26 (AP): APIC ID: 42
cpu27 (AP): APIC ID: 43
cpu28 (AP): APIC ID: 44
cpu29 (AP): APIC ID: 45
cpu30 (AP): APIC ID: 46
cpu31 (AP): APIC ID: 47
ioapic0 <Version 2.0> irq 0-23 on motherboard
ioapic1 <Version 2.0> irq 24-47 on motherboard
ioapic2 <Version 2.0> irq 48-71 on motherboard
kbd1 at kbdmux0
random: <Software, Yarrow> initialized
acpi0: <ALASKA 05B0> on motherboard
acpi0: Power Button (fixed)
acpi0: reservation of 0, a0000 (3) failed
cpu0: <ACPI CPU> on acpi0
cpu1: <ACPI CPU> on acpi0
cpu2: <ACPI CPU> on acpi0
cpu3: <ACPI CPU> on acpi0
cpu4: <ACPI CPU> on acpi0
cpu5: <ACPI CPU> on acpi0
cpu6: <ACPI CPU> on acpi0
cpu7: <ACPI CPU> on acpi0
cpu8: <ACPI CPU> on acpi0
cpu9: <ACPI CPU> on acpi0
cpu10: <ACPI CPU> on acpi0
cpu11: <ACPI CPU> on acpi0
cpu12: <ACPI CPU> on acpi0
cpu13: <ACPI CPU> on acpi0
cpu14: <ACPI CPU> on acpi0
cpu15: <ACPI CPU> on acpi0
cpu16: <ACPI CPU> on acpi0
cpu17: <ACPI CPU> on acpi0
cpu18: <ACPI CPU> on acpi0
cpu19: <ACPI CPU> on acpi0
cpu20: <ACPI CPU> on acpi0
cpu21: <ACPI CPU> on acpi0
cpu22: <ACPI CPU> on acpi0
cpu23: <ACPI CPU> on acpi0
cpu24: <ACPI CPU> on acpi0
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cpu25: <ACPI CPU> on acpi0
cpu26: <ACPI CPU> on acpi0
cpu27: <ACPI CPU> on acpi0
cpu28: <ACPI CPU> on acpi0
cpu29: <ACPI CPU> on acpi0
cpu30: <ACPI CPU> on acpi0
cpu31: <ACPI CPU> on acpi0
attimer0: <AT timer> port 0x40-0x43 irq 0 on acpi0
Timecounter "i8254" frequency 1193182 Hz quality 0
Event timer "i8254" frequency 1193182 Hz quality 100
atrtc0: <AT realtime clock> port 0x70-0x71 irq 8 on acpi0
Event timer "RTC" frequency 32768 Hz quality 0
hpet0: <High Precision Event Timer> iomem 0xfed00000-0xfed003ff on acpi0
Timecounter "HPET" frequency 14318180 Hz quality 950
Event timer "HPET" frequency 14318180 Hz quality 350
Event timer "HPET1" frequency 14318180 Hz quality 340
Event timer "HPET2" frequency 14318180 Hz quality 340
Event timer "HPET3" frequency 14318180 Hz quality 340
Event timer "HPET4" frequency 14318180 Hz quality 340
Event timer "HPET5" frequency 14318180 Hz quality 340
Event timer "HPET6" frequency 14318180 Hz quality 340
Event timer "HPET7" frequency 14318180 Hz quality 340
Timecounter "ACPI-fast" frequency 3579545 Hz quality 900
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x408-0x40b on acpi0
pcib0: <ACPI Host-PCI bridge> port 0xcfc8-0xcfff on acpi0
pci0: <ACPI PCI bus> on pcib0
pcib1: <ACPI PCI-PCI bridge> irq 26 at device 1.0 on pci0
pci33: <ACPI PCI bus> on pcib1
mfi0: <ThunderBolt> port 0x8000-0x80ff mem 0xdfc60000-0xdfc63fff,0xdfc00000-0xdfc3ffff irq 26 at device 0.0 on pci33
mfi0: Using MSI
mfi0: Megaraid SAS driver Ver 4.23
mfi0: FW MaxCmds = 1008, limiting to 128
mfi0: MaxCmd = 1008, Drv MaxCmd = 128, MaxSgl = 70, state = 0xb75003f0
pcib2: <ACPI PCI-PCI bridge> irq 32 at device 2.0 on pci0
pci37: <ACPI PCI bus> on pcib2
bge0: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddb0000-0xdddbffff,0xddda0000-0xdddaffff,0xddd90000-0xddd9ffff irq 32 at device 0.0 on pci37
bge0: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus0: <MII bus> on bge0
brgphy0: <BCM5719C 1000BASE-T media interface> PHY 1 on miibus0
brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge0: Ethernet address: 00:25:5c:3d:a5:6c
bge1: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddb0000-0xdddbffff,0xddd70000-0xddd7ffff,0xddd60000-0xddd6ffff irq 36 at device 0.1 on pci37
bge1: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus1: <MII bus> on bge1
brgphy1: <BCM5719C 1000BASE-T media interface> PHY 2 on miibus1
brgphy1: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge1: Ethernet address: 00:25:5c:3d:a5:6d
bge2: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddc50000-0xdddc5ffff,0xdddc40000-0xdddc4ffff,0xdddc30000-0xdddc3ffff irq 32 at device 0.2 on pci37
bge2: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus2: <MII bus> on bge2
brgphy2: <BCM5719C 1000BASE-T media interface> PHY 3 on miibus2
brgphy2: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge2: Ethernet address: 00:25:5c:3d:a5:6e
bge3: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddc20000-0xdddc2ffff,0xdddc10000-0xdddc1ffff,0xdddc00000-0xdddc0ffff irq 36 at device 0.3 on pci37
bge3: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus3: <MII bus> on bge3
brgphy3: <BCM5719C 1000BASE-T media interface> PHY 4 on miibus3
brgphy3: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge3: Ethernet address: 00:25:5c:3d:a5:6f
pcib3: <ACPI PCI-PCI bridge> irq 40 at device 3.0 on pci0
pci45: <ACPI PCI bus> on pcib3
bge4: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddc0000-0xdddc0ffff,0xdddc0000-0xdddc0ffff,0xddc90000-0xddc9ffff irq 40 at device 0.0 on pci45
bge4: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus4: <MII bus> on bge4
brgphy4: <BCM5719C 1000BASE-T media interface> PHY 1 on miibus4
brgphy4: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge4: Ethernet address: 00:25:5c:3d:9f:a0
bge5: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddc80000-0xdddc8ffff,0xdddc70000-0xdddc7ffff,0xdddc60000-0xdddc6ffff irq 44 at device 0.1 on pci45
bge5: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus5: <MII bus> on bge5
brgphy5: <BCM5719C 1000BASE-T media interface> PHY 2 on miibus5
brgphy5: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge5: Ethernet address: 00:25:5c:3d:9f:a1
bge6: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddc50000-0xdddc5ffff,0xdddc40000-0xdddc4ffff,0xdddc30000-0xdddc3ffff irq 40 at device 0.2 on pci45
bge6: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus6: <MII bus> on bge6
brgphy6: <BCM5719C 1000BASE-T media interface> PHY 3 on miibus6
brgphy6: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge6: Ethernet address: 00:25:5c:3d:9f:a2
bge7: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdddc20000-0xdddc2ffff,0xdddc10000-0xdddc1ffff,0xdddc00000-0xdddc0ffff irq 44 at device 0.3 on pci45
bge7: CHIP ID 0x05719001; ASIC REV 0x5719; CHIP REV 0x57190; PCI-E
miibus7: <MII bus> on bge7
brgphy7: <BCM5719C 1000BASE-T media interface> PHY 4 on miibus7
brgphy7: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge7: Ethernet address: 00:25:5c:3d:9f:a3
pcib4: <ACPI PCI-PCI bridge> irq 40 at device 3.2 on pci0
pci3: <ACPI PCI bus> on pcib4
bxe0: <Broadcom NetXtreme II BCM57810 10GbE (B0) BXE v:1.78.75
> mem 0xddd00000-0xddd0ffff,0xddc80000-0xddc8ffff,0xddd810000-0xddd81ffff irq 42 at device 0.0 on pci3
bxe0: PCI BAR0 [10] memory allocated: 0xddd00000-0xddd0ffff (8388608) -> 0xfffff800dd000000

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bxe0: PCI BAR2 [18] memory allocated: 0xdc800000-0xdcffffff (8388608) -> 0xffff800dc800000
bxe0: PCI BAR4 [20] memory allocated: 0xdd810000-0xdd81ffff (65536) -> 0xffff800dd810000
bxe0: Found 10Gb Fiber media.
bxe0: Ethernet address: 8c:89:a5:5f:37:c1
bxe0: MSI-X vectors Requested 5 and Allocated 5
bxe1: <Broadcom NetXtreme II BCM57810 10GbE (B0) BXE v:1.78.75
> mem 0xdc000000-0xdc7fffff,0xab800000-0xabdbffffff,0xdd800000-0xdd80ffff irq 45 at device 0.1 on pci3
bxe1: PCI BAR0 [10] memory allocated: 0xdc000000-0xdc7fffff (8388608) -> 0xffff800dc000000
bxe1: PCI BAR2 [18] memory allocated: 0xdb800000-0xdbffffff (8388608) -> 0xffff800db800000
bxe1: PCI BAR4 [20] memory allocated: 0xdd800000-0xdd80ffff (65536) -> 0xffff800dd800000
bxe1: Found 10Gb Fiber media.
bxe1: Ethernet address: 8c:89:a5:5f:37:c3
bxe1: MSI-X vectors Requested 5 and Allocated 5
pci0: <base peripheral> at device 4.0 (no driver attached)
pci0: <base peripheral> at device 4.1 (no driver attached)
pci0: <base peripheral> at device 4.2 (no driver attached)
pci0: <base peripheral> at device 4.3 (no driver attached)
pci0: <base peripheral> at device 4.4 (no driver attached)
pci0: <base peripheral> at device 4.5 (no driver attached)
pci0: <base peripheral> at device 4.6 (no driver attached)
pci0: <base peripheral> at device 4.7 (no driver attached)
pci0: <base peripheral> at device 5.0 (no driver attached)
pci0: <base peripheral> at device 5.2 (no driver attached)
pcib5: <ACPI PCI-PCI bridge> irq 16 at device 17.0 on pci0
pcib8: <ACPI PCI bus> on pcib5
pci0: <simple comms> at device 22.0 (no driver attached)
pci0: <simple comms> at device 22.1 (no driver attached)
ehci0: <EHCI (generic) USB 2.0 controller> mem 0xdfd23000-0xdfd233ff irq 22 at device 26.0 on pci0
usb0: EHCI version 1.0
usb0 on ehci0
pcib6: <ACPI PCI-PCI bridge> irq 17 at device 28.0 on pci0
pci2: <ACPI PCI bus> on pcib6
bge8: <Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5717100> mem 0xddb50000-0xddb5ffff,0xddb40000-0xddb4ffff,0xddb30000-0xddb3ffff irq 16 at device 0.0 on pci2
bge8: APE FW version: NCSI v1.0.4.0
bge8: CHIP ID 0x05717100; ASIC REV 0x5717; CHIP REV 0x57171; PCI-E
bge8: APE event 0x00020510 send timed out
miibus8: <MI bus> on bge8
brgphy8: <BCM5717C 1000BASE-T media interface> PHY 1 on miibus8
brgphy8: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge8: Ethernet address: d4:3d:7e:06:a4:b4
bge9: <Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5717100> mem 0xddb20000-0xddb2ffff,0xddb10000-0xddb1ffff,0xddb00000-0xddb0ffff irq 17 at device 0.1 on pci2
bge9: APE FW version: NCSI v1.0.4.0
bge9: CHIP ID 0x05717100; ASIC REV 0x5717; CHIP REV 0x57171; PCI-E
bge9: APE event 0x00020510 send timed out
miibus9: <MI bus> on bge9
brgphy9: <BCM5717C 1000BASE-T media interface> PHY 2 on miibus9
brgphy9: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge9: Ethernet address: d4:3d:7e:06:a4:b5
pcib7: <ACPI PCI-PCI bridge> irq 17 at device 28.4 on pci0
pci5: <ACPI PCI bus> on pcib7
vgapci0: <VGA-compatible display> mem 0xde000000-0xdeffffff,0xdf810000-0xdf813fff,0xdf000000-0xdf7fffff irq 16 at device 0.0 on pci5
vgapci0: Boot video device
ehci1: <EHCI (generic) USB 2.0 controller> mem 0xdfd22000-0xdfd223ff irq 23 at device 29.0 on pci0
usb1: EHCI version 1.0
usb1 on ehci1
pcib8: <ACPI PCI-PCI bridge> at device 30.0 on pci0
pci60: <ACPI PCI bus> on pcib8
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <Intel Patsburg SATA300 controller> port 0x90d0-0x90d7,0x90c0-0x90c3,0x90b0-0x90b7,0x90a0-0x90a3,0x9090-0x909f,0x9080-0x908f irq 19 at device 31.2 on pci0
ata2: <ATA channel> at channel 0 on atapci0
ata3: <ATA channel> at channel 1 on atapci0
pci0: <serial bus, SMBus> at device 31.3 (no driver attached)
atapci1: <Intel Patsburg SATA300 controller> port 0x9070-0x9077,0x9060-0x9063,0x9050-0x9057,0x9040-0x9043,0x9030-0x903f,0x9020-0x902f irq 19 at device 31.5 on pci0
ata4: <ATA channel> at channel 0 on atapci1
ata5: <ATA channel> at channel 1 on atapci1
pci0: <dasp> at device 31.6 (no driver attached)
pcib9: <ACPI Host-PCI bridge> on acpi0
pci127: <ACPI PCI bus> on pcib9
pci127: <base peripheral> at device 8.0 (no driver attached)
pci127: <base peripheral> at device 8.3 (no driver attached)
pci127: <base peripheral> at device 8.4 (no driver attached)
pci127: <base peripheral> at device 9.0 (no driver attached)
pci127: <base peripheral> at device 9.3 (no driver attached)
pci127: <base peripheral> at device 9.4 (no driver attached)
pci127: <base peripheral> at device 10.0 (no driver attached)
pci127: <base peripheral> at device 10.1 (no driver attached)
pci127: <base peripheral> at device 10.2 (no driver attached)
pci127: <base peripheral> at device 10.3 (no driver attached)
pci127: <base peripheral> at device 11.0 (no driver attached)
pci127: <base peripheral> at device 11.3 (no driver attached)
pci127: <base peripheral> at device 12.0 (no driver attached)
pci127: <base peripheral> at device 12.1 (no driver attached)
pci127: <base peripheral> at device 12.2 (no driver attached)
pci127: <base peripheral> at device 12.3 (no driver attached)
pci127: <base peripheral> at device 12.6 (no driver attached)

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pci255: <dasp> at device 19.4 (no driver attached)
pci255: <dasp> at device 19.5 (no driver attached)
pci255: <base peripheral> at device 19.6 (no driver attached)
acpi_button0: <Power Button> on acpi0
uart0: <16550 or compatible> port 0x3f8-0x3ff irq 4 flags 0x10 on acpi0
uart1: <16550 or compatible> port 0x2f8-0x2ff irq 3 on acpi0
orm0: <ISA Option ROMs> at iomem 0xc0000-0xc7fff,0xdf800-0xe27ff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
ppc0: cannot reserve I/O port range
est0: <Enhanced SpeedStep Frequency Control> on cpu0
p4tcc0: <CPU Frequency Thermal Control> on cpu0
est1: <Enhanced SpeedStep Frequency Control> on cpu1
p4tcc1: <CPU Frequency Thermal Control> on cpu1
est2: <Enhanced SpeedStep Frequency Control> on cpu2
p4tcc2: <CPU Frequency Thermal Control> on cpu2
est3: <Enhanced SpeedStep Frequency Control> on cpu3
p4tcc3: <CPU Frequency Thermal Control> on cpu3
est4: <Enhanced SpeedStep Frequency Control> on cpu4
p4tcc4: <CPU Frequency Thermal Control> on cpu4
est5: <Enhanced SpeedStep Frequency Control> on cpu5
p4tcc5: <CPU Frequency Thermal Control> on cpu5
est6: <Enhanced SpeedStep Frequency Control> on cpu6
p4tcc6: <CPU Frequency Thermal Control> on cpu6
est7: <Enhanced SpeedStep Frequency Control> on cpu7
p4tcc7: <CPU Frequency Thermal Control> on cpu7
est8: <Enhanced SpeedStep Frequency Control> on cpu8
p4tcc8: <CPU Frequency Thermal Control> on cpu8
est9: <Enhanced SpeedStep Frequency Control> on cpu9
p4tcc9: <CPU Frequency Thermal Control> on cpu9
est10: <Enhanced SpeedStep Frequency Control> on cpu10
p4tcc10: <CPU Frequency Thermal Control> on cpu10
est11: <Enhanced SpeedStep Frequency Control> on cpu11
p4tcc11: <CPU Frequency Thermal Control> on cpu11
est12: <Enhanced SpeedStep Frequency Control> on cpu12
p4tcc12: <CPU Frequency Thermal Control> on cpu12
est13: <Enhanced SpeedStep Frequency Control> on cpu13
p4tcc13: <CPU Frequency Thermal Control> on cpu13
est14: <Enhanced SpeedStep Frequency Control> on cpu14
p4tcc14: <CPU Frequency Thermal Control> on cpu14
est15: <Enhanced SpeedStep Frequency Control> on cpu15
p4tcc15: <CPU Frequency Thermal Control> on cpu15
est16: <Enhanced SpeedStep Frequency Control> on cpu16
p4tcc16: <CPU Frequency Thermal Control> on cpu16
est17: <Enhanced SpeedStep Frequency Control> on cpu17
p4tcc17: <CPU Frequency Thermal Control> on cpu17
est18: <Enhanced SpeedStep Frequency Control> on cpu18
p4tcc18: <CPU Frequency Thermal Control> on cpu18
est19: <Enhanced SpeedStep Frequency Control> on cpu19
p4tcc19: <CPU Frequency Thermal Control> on cpu19
est20: <Enhanced SpeedStep Frequency Control> on cpu20
p4tcc20: <CPU Frequency Thermal Control> on cpu20
est21: <Enhanced SpeedStep Frequency Control> on cpu21
p4tcc21: <CPU Frequency Thermal Control> on cpu21
est22: <Enhanced SpeedStep Frequency Control> on cpu22
p4tcc22: <CPU Frequency Thermal Control> on cpu22
est23: <Enhanced SpeedStep Frequency Control> on cpu23
p4tcc23: <CPU Frequency Thermal Control> on cpu23
est24: <Enhanced SpeedStep Frequency Control> on cpu24
p4tcc24: <CPU Frequency Thermal Control> on cpu24
est25: <Enhanced SpeedStep Frequency Control> on cpu25
p4tcc25: <CPU Frequency Thermal Control> on cpu25
est26: <Enhanced SpeedStep Frequency Control> on cpu26
p4tcc26: <CPU Frequency Thermal Control> on cpu26
est27: <Enhanced SpeedStep Frequency Control> on cpu27
p4tcc27: <CPU Frequency Thermal Control> on cpu27
est28: <Enhanced SpeedStep Frequency Control> on cpu28
p4tcc28: <CPU Frequency Thermal Control> on cpu28
est29: <Enhanced SpeedStep Frequency Control> on cpu29
p4tcc29: <CPU Frequency Thermal Control> on cpu29
est30: <Enhanced SpeedStep Frequency Control> on cpu30
p4tcc30: <CPU Frequency Thermal Control> on cpu30
est31: <Enhanced SpeedStep Frequency Control> on cpu31
p4tcc31: <CPU Frequency Thermal Control> on cpu31
mfi0: 6768 (447845596s/0x0020/info) - Shutdown command received from host
mfi0: 6769 (boot + 4s/0x0020/info) - Firmware initialization started (PCI ID 005b/1000/9267/1000)
mfi0: 6770 (boot + 4s/0x0020/info) - Firmware version 3.140.75-1628
mfi0: 6771 (boot + 5s/0x0008/info) - Battery Present
mfi0: 6772 (boot + 5s/0x0008/info) - Battery Present
mfi0: 6773 (boot + 30s/0x0020/info) - Package version 23.1.1-0014
mfi0: 6774 (boot + 30s/0x0020/info) - Board Revision 03A
mfi0: 6775 (boot + 48s/0x0002/info) - Inserted: PD 08(e0xfc/s3)
mfi0: 6776 (boot + 48s/0x0002/info) - Inserted: PD 08(e0xfc/s3) Info: enclPd=fc, scsiType=0, portMap=00, sasAddr=500003942812a2ce,0000000000000000
mfi0: 6777 (boot + 48s/0x0002/info) - Inserted: PD 09(e0xfc/s2)
mfi0: 6778 (boot + 48s/0x0002/info) - Inserted: PD 09(e0xfc/s2) Info: enclPd=fc, scsiType=0, portMap=01, sasAddr=50000394282ae4e2,0000000000000000
mfi0: 6779 (boot + 48s/0x0002/info) - Inserted: PD 0a(e0xfc/s1)
mfi0: 6780 (boot + 48s/0x0002/info) - Inserted: PD 0a(e0xfc/s1) Info: enclPd=fc, scsiType=0, portMap=02, sasAddr=50000394380081b6,0000000000000000
mfi0: 6781 (boot + 48s/0x0002/info) - Inserted: PD 0b(e0xfc/s0)
mfi0: 6782 (boot + 48s/0x0002/info) - Inserted: PD 0b(e0xfc/s0) Info: enclPd=fc, scsiType=0, portMap=03, sasAddr=50000394282b215a,0000000000000000

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mfi0: 6783 (447845663s/0x0020/info) - Time established as 03/11/14 9:34:23; (53 seconds since power on)
mfi0: 6784 (447845695s/0x0008/info) - Battery temperature is normal
mfi0: 6785 (447845695s/0x0008/WARN) - Battery requires reconditioning; please initiate a LEARN cycle
mfi0: 6786 (447845760s/0x0008/info) - Battery started charging
Timecounters tick every 1.000 msec
random: unblocking device.
usb0: 480Mbps High Speed USB v2.0
usb1: 480Mbps High Speed USB v2.0
ugen0.1: <Intel> at usb0
uhub0: <Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1> on usb0
ugen1.1: <Intel> at usb1
uhub1: <Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1> on usb1
mfi0 on mfi0
mfi0: 571136MB (1169686528 sectors) RAID volume (no label) is optimal
uhub0: 2 ports with 2 removable, self powered
uhub1: 2 ports with 2 removable, self powered
ugen0.2: <vendor 0x8087> at usb0
uhub2: <vendor 0x8087 product 0x0024, class 9/0, rev 2.00/0.00, addr 2> on usb0
ugen1.2: <vendor 0x8087> at usb1
uhub3: <vendor 0x8087 product 0x0024, class 9/0, rev 2.00/0.00, addr 2> on usb1
uhub2: 6 ports with 6 removable, self powered
uhub3: 8 ports with 8 removable, self powered
ugen0.3: <Chicony> at usb0
uhub4: <Chicony Generic USB Hub, class 9/0, rev 1.10/1.02, addr 3> on usb0
ugen1.3: <American Megatrends Inc.> at usb1
ukbd0: <Keyboard Interface> on usb1
kbd0 at ukbd0
uhub4: 3 ports with 2 removable, bus powered
Netvsc initializing... SMP: AP CPU #16 Launched!
SMP: AP CPU #10 Launched!
SMP: AP CPU #19 Launched!
SMP: AP CPU #2 Launched!
SMP: AP CPU #28 Launched!
SMP: AP CPU #9 Launched!
SMP: AP CPU #21 Launched!
SMP: AP CPU #7 Launched!
SMP: AP CPU #24 Launched!
SMP: AP CPU #11 Launched!
SMP: AP CPU #31 Launched!
SMP: AP CPU #5 Launched!
SMP: AP CPU #17 Launched!
SMP: AP CPU #3 Launched!
SMP: AP CPU #30 Launched!
SMP: AP CPU #8 Launched!
SMP: AP CPU #26 Launched!
SMP: AP CPU #6 Launched!
SMP: AP CPU #25 Launched!
SMP: AP CPU #4 Launched!
SMP: AP CPU #22 Launched!
SMP: AP CPU #15 Launched!
SMP: AP CPU #23 Launched!
SMP: AP CPU #14 Launched!
SMP: AP CPU #18 Launched!
SMP: AP CPU #12 Launched!
SMP: AP CPU #13 Launched!
SMP: AP CPU #27 Launched!
SMP: AP CPU #20 Launched!
SMP: AP CPU #29 Launched!
SMP: AP CPU #1 Launched!
Timecounter "TSC-low" frequency 1450027620 Hz quality 1000
Root mount waiting for: usb1 usb0
ugen0.4: <Chicony> at usb0
ukbd1: <Chicony PFU-65 USB Keyboard, class 0/0, rev 1.10/1.02, addr 4> on usb0
kbd2 at ukbd1
ugen1.4: <American Megatrends Inc.> at usb1
umass0: <Interface> on usb1
umass0: SCSI over Bulk-Only; quirks = 0x0000
umass0:4:0:-1: Attached to scbus4
cd0 at umass-sim0 bus 0 scbus4 target 0 lun 0
cd0: <AMI Remote CD/DVD 1.00> Removable CD-ROM SCSI-0 device
cd0: Serial Number AAAABBBBCCCC4
cd0: 40.000MB/s transfers
cd0: Attempt to query device size failed: NOT READY, Medium not present
cd0: quirks=0x10<10_BYTE_ONLY>
da0 at umass-sim0 bus 0 scbus4 target 0 lun 1
da0: <AMI Remote FD 1.00> Removable Direct Access SCSI-0 device
da0: Serial Number AAAABBBBCCCC4
da0: 40.000MB/s transfers
da0: Attempt to query device size failed: NOT READY, Medium not present
da0: quirks=0x2<NO_6_BYTE>
da1 at umass-sim0 bus 0 scbus4 target 0 lun 2
da1: <AMI Remote USB MEM 1.00> Removable Direct Access SCSI-0 device
da1: Serial Number AAAABBBBCCCC4
da1: 40.000MB/s transfers
da1: Attempt to query device size failed: NOT READY, Medium not present
da1: quirks=0x2<NO_6_BYTE>
da2 at umass-sim0 bus 0 scbus4 target 0 lun 3
da2: <AMI Virtual Flash 1.00> Removable Direct Access SCSI-0 device
da2: Serial Number AAAABBBBCCCC4
da2: 40.000MB/s transfers

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da2: Attempt to query device size failed: NOT READY, Medium not present
da2: quirks=0x2<NO_6_BYTE>
Trying to mount root from ufs:/dev/mfid0p2 [rw]...
ums0: <Mouse Interface> on usb1
ums0: 3 buttons and [Z] coordinates ID=0
```

PCIバスデータ詳細一覧

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hostb0@pci:0:0:0:0:      class=0x060000 card=0x800f1bcf chip=0x3c008086 rev=0x07 hdr=0x00
 vendor      = 'Intel Corporation'
 device      = 'Xeon E5/Core i7 DMI2'
 class       = bridge
 subclass    = HOST-PCI
 cap 10[90] = PCI-Express 2 root port max data 128(128) link x0(x4)
              speed 0.0(2.5) ASPM disabled(L0s/L1)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
 ecap 000b[100] = Vendor 1 ID 2
 ecap 000b[144] = Vendor 1 ID 4
 ecap 000b[1d0] = Vendor 1 ID 3
 ecap 000b[280] = Vendor 1 ID 4
pcib1@pci:0:1:0:      class=0x060400 card=0x800f1bcf chip=0x3c028086 rev=0x07 hdr=0x01
 vendor      = 'Intel Corporation'
 device      = 'Xeon E5/Core i7 IIO PCI Express Root Port 1a'
 class       = bridge
 subclass    = PCI-PCI
 cap 0d[40] = PCI Bridge card=0x800f1bcf
 cap 05[60] = MSI supports 2 messages, vector masks
 cap 10[90] = PCI-Express 2 root port slot max data 256(256) link x8(x8)
              speed 5.0(8.0) ASPM disabled(L1)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
 ecap 000b[100] = Vendor 1 ID 2
 ecap 000d[110] = ACS 1
 ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
 ecap 000b[1d0] = Vendor 1 ID 3
 ecap 0019[250] = PCIe Sec 1 lane errors 0
 ecap 000b[280] = Vendor 1 ID 4
pcib2@pci:0:2:0:      class=0x060400 card=0x800f1bcf chip=0x3c048086 rev=0x07 hdr=0x01
 vendor      = 'Intel Corporation'
 device      = 'Xeon E5/Core i7 IIO PCI Express Root Port 2a'
 class       = bridge
 subclass    = PCI-PCI
 cap 0d[40] = PCI Bridge card=0x800f1bcf
 cap 05[60] = MSI supports 2 messages, vector masks
 cap 10[90] = PCI-Express 2 root port slot max data 256(256) link x4(x16)
              speed 5.0(8.0) ASPM disabled(L1)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
 ecap 000b[100] = Vendor 1 ID 2
 ecap 000d[110] = ACS 1
 ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
 ecap 000b[1d0] = Vendor 1 ID 3
 ecap 0019[250] = PCIe Sec 1 lane errors 0
 ecap 000b[280] = Vendor 1 ID 4
pcib3@pci:0:3:0:      class=0x060400 card=0x800f1bcf chip=0x3c088086 rev=0x07 hdr=0x01
 vendor      = 'Intel Corporation'
 device      = 'Xeon E5/Core i7 IIO PCI Express Root Port 3a in PCI Express Mode'
 class       = bridge
 subclass    = PCI-PCI
 cap 0d[40] = PCI Bridge card=0x800f1bcf
 cap 05[60] = MSI supports 2 messages, vector masks
 cap 10[90] = PCI-Express 2 root port slot max data 256(256) link x4(x8)
              speed 5.0(8.0) ASPM disabled(L1)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
 ecap 000b[100] = Vendor 1 ID 2
 ecap 000d[110] = ACS 1
 ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
 ecap 000b[1d0] = Vendor 1 ID 3
 ecap 0019[250] = PCIe Sec 1 lane errors 0
 ecap 000b[280] = Vendor 1 ID 4
pcib4@pci:0:3:2:      class=0x060400 card=0x800f1bcf chip=0x3c0a8086 rev=0x07 hdr=0x01
 vendor      = 'Intel Corporation'
 device      = 'Xeon E5/Core i7 IIO PCI Express Root Port 3c'
 class       = bridge
 subclass    = PCI-PCI
 cap 0d[40] = PCI Bridge card=0x800f1bcf
 cap 05[60] = MSI supports 2 messages, vector masks
 cap 10[90] = PCI-Express 2 root port slot max data 256(256) link x8(x8)
              speed 5.0(8.0) ASPM disabled(L1)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
 ecap 000b[100] = Vendor 1 ID 2
 ecap 000d[110] = ACS 1
 ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
 ecap 000b[1d0] = Vendor 1 ID 3
 ecap 0019[250] = PCIe Sec 1 lane errors 0
 ecap 000b[280] = Vendor 1 ID 4
none0@pci:0:4:0:      class=0x088000 card=0x800f1bcf chip=0x3c208086 rev=0x07 hdr=0x00
 vendor      = 'Intel Corporation'
 device      = 'Xeon E5/Core i7 DMA Channel 0'
 class       = base peripheral
 cap 11[80] = MSI-X supports 1 message
              Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
 cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
none1@pci:0:4:1:      class=0x088000 card=0x800f1bcf chip=0x3c218086 rev=0x07 hdr=0x00
 vendor      = 'Intel Corporation'
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device = 'Xeon E5/Core i7 DMA Channel 1'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
                Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none2@pci:0:4:2: class=0x088000 card=0x800f1bcf chip=0x3c228086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 2'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
                Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none3@pci:0:4:3: class=0x088000 card=0x800f1bcf chip=0x3c238086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 3'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
                Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none4@pci:0:4:4: class=0x088000 card=0x800f1bcf chip=0x3c248086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 4'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
                Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none5@pci:0:4:5: class=0x088000 card=0x800f1bcf chip=0x3c258086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 5'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
                Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none6@pci:0:4:6: class=0x088000 card=0x800f1bcf chip=0x3c268086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 6'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
                Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none7@pci:0:4:7: class=0x088000 card=0x800f1bcf chip=0x3c278086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 7'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
                Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none8@pci:0:5:0: class=0x088000 card=0x800f1bcf chip=0x3c288086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Address Map, VTd_Misc, System Management'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
none9@pci:0:5:2: class=0x088000 card=0x800f1bcf chip=0x3c2a8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Control Status and Global Errors'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
ioapic@pci:0:5:4: class=0x080020 card=0x800f1bcf chip=0x3c2c8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 I/O APIC'
class = base peripheral
subclass = interrupt controller
cap 01[6c] = powerspec 3 supports D0 D3 current D0
pcib5@pci:0:17:0: class=0x060400 card=0x800f1bcf chip=0x1d3e8086 rev=0x05 hdr=0x01
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset PCI Express Virtual Root Port'
class = bridge
subclass = PCI-PCI
cap 10[40] = PCI-Express 2 root port max data 128(128) link x1(x1)
                speed 2.5(2.5) ASPM disabled(L0s/L1)
cap 01[80] = powerspec 3 supports D0 D3 current D0
cap 0d[88] = PCI Bridge card=0x800f1bcf
cap 05[90] = MSI supports 1 message
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000d[138] = ACS 1
none10@pci:0:22:0: class=0x078000 card=0x800f1bcf chip=0x1d3a8086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset MEI Controller'
class = simple comms
cap 01[50] = powerspec 3 supports D0 D3 current D0
cap 05[8c] = MSI supports 1 message, 64 bit
none11@pci:0:22:1: class=0x078000 card=0x800f1bcf chip=0x1d3b8086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'

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device = 'C600/X79 series chipset MEI Controller'
class = simple comms
cap 01[50] = powerspec 3 supports D0 D3 current D0
cap 05[8c] = MSI supports 1 message, 64 bit
ehci0@pci:0:26:0: class=0x0c0320 card=0x800f1bcf chip=0x1d2d8086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset USB2 Enhanced Host Controller'
class = serial bus
subclass = USB
cap 01[50] = powerspec 2 supports D0 D3 current D0
cap 0a[58] = EHCI Debug Port at offset 0xa0 in map 0x14
cap 13[98] = PCI Advanced Features: FLR TP
pcib6@pci:0:28:0: class=0x060400 card=0x800f1bcf chip=0x1d108086 rev=0xb5 hdr=0x01
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset PCI Express Root Port 1'
class = bridge
subclass = PCI-PCI
cap 10[40] = PCI-Express 2 root port slot max data 128(128) link x1(x1)
speed 5.0(5.0) ASPM disabled(L1)
cap 05[80] = MSI supports 1 message
cap 0d[90] = PCI Bridge card=0x800f1bcf
cap 01[a0] = powerspec 2 supports D0 D3 current D0
pcib7@pci:0:28:4: class=0x060400 card=0x800f1bcf chip=0x1d188086 rev=0xb5 hdr=0x01
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset PCI Express Root Port 5'
class = bridge
subclass = PCI-PCI
cap 10[40] = PCI-Express 2 root port slot max data 128(128) link x1(x1)
speed 2.5(5.0) ASPM disabled(L1)
cap 05[80] = MSI supports 1 message
cap 0d[90] = PCI Bridge card=0x800f1bcf
cap 01[a0] = powerspec 2 supports D0 D3 current D0
ehci1@pci:0:29:0: class=0x0c0320 card=0x800f1bcf chip=0x1d268086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset USB2 Enhanced Host Controller'
class = serial bus
subclass = USB
cap 01[50] = powerspec 2 supports D0 D3 current D0
cap 0a[58] = EHCI Debug Port at offset 0xa0 in map 0x14
cap 13[98] = PCI Advanced Features: FLR TP
pcib8@pci:0:30:0: class=0x060401 card=0x800f1bcf chip=0x244e8086 rev=0xa5 hdr=0x01
vendor = 'Intel Corporation'
device = '82801 PCI Bridge'
class = bridge
subclass = PCI-PCI
cap 0d[50] = PCI Bridge card=0x800f1bcf
isab0@pci:0:31:0: class=0x060100 card=0x800f1bcf chip=0x1d418086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset LPC Controller'
class = bridge
subclass = PCI-ISA
cap 09[e0] = vendor (length 12) Intel cap 1 version 0
features: AMT, 4 PCI-e x1 slots
atapci0@pci:0:31:2: class=0x01018f card=0x800f1bcf chip=0x1d008086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset 4-Port SATA IDE Controller'
class = mass storage
subclass = ATA
cap 01[70] = powerspec 3 supports D0 D3 current D0
cap 13[b0] = PCI Advanced Features: FLR TP
none12@pci:0:31:3: class=0x0c0500 card=0x800f1bcf chip=0x1d228086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset SMBus Host Controller'
class = serial bus
subclass = SMBus
atapci1@pci:0:31:5: class=0x010185 card=0x800f1bcf chip=0x1d088086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset 2-Port SATA IDE Controller'
class = mass storage
subclass = ATA
cap 01[70] = powerspec 3 supports D0 D3 current D0
cap 13[b0] = PCI Advanced Features: FLR TP
none13@pci:0:31:6: class=0x118000 card=0x800f1bcf chip=0x1d248086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
device = 'C600/X79 series chipset Thermal Management Controller'
class = dasp
cap 01[50] = powerspec 3 supports D0 D3 current D0
mfi0@pci:0:33:0: class=0x010400 card=0x92671000 chip=0x005b1000 rev=0x01 hdr=0x00
vendor = 'LSI Logic / Symbios Logic'
device = 'MegaRAID SAS 2208 [Thunderbolt]'
class = mass storage
subclass = RAID
cap 01[50] = powerspec 3 supports D0 D1 D2 D3 current D0
cap 10[68] = PCI-Express 2 endpoint max data 256(4096) FLR link x8(x8)
speed 5.0(5.0) ASPM disabled(L0s)
cap 03[d0] = VPD
cap 05[a8] = MSI supports 1 message, 64 bit enabled with 1 message
cap 11[c0] = MSI-X supports 16 messages
Table in map 0x14[0x2000], PBA in map 0x14[0x3000]
ecap 0001[100] = AER 2 0 fatal 0 non-fatal 1 corrected

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ecap 0019[1e0] = PCIe Sec 1 lane errors 0
ecap 0004[1c0] = Power Budgeting 1
ecap 0016[190] = DPA 1
ecap 000e[148] = ARI 1
bge0@pci0:37:0:0:      class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00
vendor      = 'Broadcom Corporation'
device      = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class       = network
subclass    = ethernet
cap 01[48]  = powerspec 3 supports D0 D3 current D0
cap 03[50]  = VPD
cap 05[58]  = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0]  = MSI-X supports 17 messages
              Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac]  = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
              speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 000000255c3da56c
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge1@pci0:37:0:1:      class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00
vendor      = 'Broadcom Corporation'
device      = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class       = network
subclass    = ethernet
cap 01[48]  = powerspec 3 supports D0 D3 current D0
cap 03[50]  = VPD
cap 05[58]  = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0]  = MSI-X supports 17 messages
              Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac]  = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
              speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 000000255c3da56d
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge2@pci0:37:0:2:      class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00
vendor      = 'Broadcom Corporation'
device      = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class       = network
subclass    = ethernet
cap 01[48]  = powerspec 3 supports D0 D3 current D0
cap 03[50]  = VPD
cap 05[58]  = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0]  = MSI-X supports 17 messages
              Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac]  = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
              speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 000000255c3da56e
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge3@pci0:37:0:3:      class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00
vendor      = 'Broadcom Corporation'
device      = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class       = network
subclass    = ethernet
cap 01[48]  = powerspec 3 supports D0 D3 current D0
cap 03[50]  = VPD
cap 05[58]  = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0]  = MSI-X supports 17 messages
              Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac]  = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
              speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 000000255c3da56f
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge4@pci0:45:0:0:      class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00
vendor      = 'Broadcom Corporation'
device      = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class       = network
subclass    = ethernet
cap 01[48]  = powerspec 3 supports D0 D3 current D0
cap 03[50]  = VPD
cap 05[58]  = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0]  = MSI-X supports 17 messages
              Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac]  = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
              speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 000000255c3d9fa0
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge5@pci0:45:0:1:      class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00

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vendor = 'Broadcom Corporation'
device = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class = network
subclass = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 05[58] = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0] = MSI-X supports 17 messages
Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 00000255c3d9fa1
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge0@pci0:45:0:2: class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class = network
subclass = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 05[58] = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0] = MSI-X supports 17 messages
Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 00000255c3d9fa2
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge7@pci0:45:0:3: class=0x020000 card=0x80141bcf chip=0x165714e4 rev=0x01 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme BCM5719 Gigabit Ethernet PCIe'
class = network
subclass = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 05[58] = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0] = MSI-X supports 17 messages
Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x4(x4)
speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 00000255c3d9fa3
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bxe0@pci0:3:0:0: class=0x020000 card=0x80341bcf chip=0x168e14e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme II BCM57810 10 Gigabit Ethernet'
class = network
subclass = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 11[a0] = MSI-X supports 17 messages, enabled
Table in map 0x20[0x0], PBA in map 0x20[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(512) link x8(x8)
speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 8c89a5fffe5f37c1
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 000e[1b8] = ARI 1
ecap 0010[1c0] = SRIOV 1
ecap 0015[220] = Resizable BAR 1
ecap 0019[300] = PCIe Sec 1 lane errors 0
bxe1@pci0:3:0:1: class=0x020000 card=0x80341bcf chip=0x168e14e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme II BCM57810 10 Gigabit Ethernet'
class = network
subclass = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 11[a0] = MSI-X supports 17 messages, enabled
Table in map 0x20[0x0], PBA in map 0x20[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(512) link x8(x8)
speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 8c89a5fffe5f37c3
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 000e[1b8] = ARI 1
ecap 0010[1c0] = SRIOV 1
ecap 0015[220] = Resizable BAR 1
bge8@pci0:2:0:0: class=0x020000 card=0x800f1bcf chip=0x165614e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme BCM5718 Gigabit Ethernet PCIe'

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class = network
subclass = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 05[58] = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0] = MSI-X supports 17 messages
          Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac] = PCI-Express 2 endpoint max data 128(256) FLR link x1(x1)
          speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 0000d43d7e06a4b4
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge9@pci:2:0:1: class=0x020000 card=0x800f1bcf chip=0x165614e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme BCM5718 Gigabit Ethernet PCIe'
class = network
subclass = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 05[58] = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0] = MSI-X supports 17 messages
          Table in map 0x20[0x0], PBA in map 0x20[0x120]
cap 10[ac] = PCI-Express 2 endpoint max data 128(256) FLR link x1(x1)
          speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 0000d43d7e06a4b5
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
vgapci0@pci:5:0:0: class=0x030000 card=0x800f1bcf chip=0x0522102b rev=0x02 hdr=0x00
vendor = 'Matrox Electronics Systems Ltd.'
device = 'MGA G200e [Pilot] ServerEngines (SEP1)'
class = display
subclass = VGA
cap 01[dc] = powerspec 2 supports D0 D3 current D0
cap 10[e4] = PCI-Express 1 legacy endpoint max data 128(256) link x1(x1)
          speed 2.5(2.5) ASPM disabled(L0s)
cap 05[54] = MSI supports 1 message
none14@pci:127:8:0: class=0x088000 card=0x800f1bcf chip=0x3c880886 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link 0'
class = base peripheral
none15@pci:127:8:3: class=0x088000 card=0x800f1bcf chip=0x3c880886 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
ecap 000b[100] = Vendor 0
none16@pci:127:8:4: class=0x088000 card=0x800f1bcf chip=0x3c848086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none17@pci:127:9:0: class=0x088000 card=0x800f1bcf chip=0x3c908086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link 1'
class = base peripheral
none18@pci:127:9:3: class=0x088000 card=0x800f1bcf chip=0x3c938086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
ecap 000b[100] = Vendor 0
none19@pci:127:9:4: class=0x088000 card=0x800f1bcf chip=0x3c948086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none20@pci:127:10:0: class=0x088000 card=0x800f1bcf chip=0x3cc08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 0'
class = base peripheral
none21@pci:127:10:1: class=0x088000 card=0x800f1bcf chip=0x3cc18086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 1'
class = base peripheral
none22@pci:127:10:2: class=0x088000 card=0x800f1bcf chip=0x3cc28086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 2'
class = base peripheral
none23@pci:127:10:3: class=0x088000 card=0x800f1bcf chip=0x3cd08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 3'
class = base peripheral
none24@pci:127:11:0: class=0x088000 card=0x800f1bcf chip=0x3ce08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Interrupt Control Registers'
class = base peripheral
none25@pci:127:11:3: class=0x088000 card=0x800f1bcf chip=0x3ce38086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'

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device = 'Xeon E5/Core i7 Semaphore and Scratchpad Configuration Registers'
class = base peripheral
none26@pci0:127:12:0: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none27@pci0:127:12:1: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none28@pci0:127:12:2: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none29@pci0:127:12:3: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none30@pci0:127:12:6: class=0x088000 card=0x800f1bcf chip=0x3cf48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 0'
class = base peripheral
none31@pci0:127:12:7: class=0x088000 card=0x800f1bcf chip=0x3cf68086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 System Address Decoder'
class = base peripheral
none32@pci0:127:13:0: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none33@pci0:127:13:1: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none34@pci0:127:13:2: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none35@pci0:127:13:3: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none36@pci0:127:13:6: class=0x088000 card=0x800f1bcf chip=0x3cf58086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 1'
class = base peripheral
none37@pci0:127:14:0: class=0x088000 card=0x800f1bcf chip=0x3ca08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Processor Home Agent'
class = base peripheral
none38@pci0:127:14:1: class=0x110100 card=0x800f1bcf chip=0x3c468086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Processor Home Agent Performance Monitoring'
class = dasp
none39@pci0:127:15:0: class=0x088000 card=0x800f1bcf chip=0x3ca88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Registers'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none40@pci0:127:15:1: class=0x088000 card=0x800f1bcf chip=0x3c718086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller RAS Registers'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none41@pci0:127:15:2: class=0x088000 card=0x800f1bcf chip=0x3caa8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none42@pci0:127:15:3: class=0x088000 card=0x800f1bcf chip=0x3cab8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none43@pci0:127:15:4: class=0x088000 card=0x800f1bcf chip=0x3cac8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 2'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none44@pci0:127:15:5: class=0x088000 card=0x800f1bcf chip=0x3cad8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 3'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none45@pci0:127:15:6: class=0x088000 card=0x800f1bcf chip=0x3cae8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 4'
class = base peripheral
none46@pci0:127:16:0: class=0x088000 card=0x800f1bcf chip=0x3cb08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'

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device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none47@pci:0:127:16:1: class=0x088000 card=0x800f1bcf chip=0x3cb18086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none48@pci:0:127:16:2: class=0x088000 card=0x800f1bcf chip=0x3cb28086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none49@pci:0:127:16:3: class=0x088000 card=0x800f1bcf chip=0x3cb38086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none50@pci:0:127:16:4: class=0x088000 card=0x800f1bcf chip=0x3cb48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 2'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none51@pci:0:127:16:5: class=0x088000 card=0x800f1bcf chip=0x3cb58086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 3'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none52@pci:0:127:16:6: class=0x088000 card=0x800f1bcf chip=0x3cb68086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 2'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none53@pci:0:127:16:7: class=0x088000 card=0x800f1bcf chip=0x3cb78086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 3'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none54@pci:0:127:17:0: class=0x088000 card=0x800f1bcf chip=0x3cb88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DDRI0'
class = base peripheral
none55@pci:0:127:19:0: class=0x088000 card=0x800f1bcf chip=0x3ce48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 R2PCIE'
class = base peripheral
none56@pci:0:127:19:1: class=0x110100 card=0x800f1bcf chip=0x3c438086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Ring to PCI Express Performance Monitor'
class = dasp
none57@pci:0:127:19:4: class=0x110100 card=0x800f1bcf chip=0x3ce68086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QuickPath Interconnect Agent Ring Registers'
class = dasp
none58@pci:0:127:19:5: class=0x110100 card=0x800f1bcf chip=0x3c448086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Ring to QuickPath Interconnect Link 0 Performance Monitor'
class = dasp
none59@pci:0:127:19:6: class=0x088000 card=0x800f1bcf chip=0x3c458086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Ring to QuickPath Interconnect Link 1 Performance Monitor'
class = base peripheral
pcib11@pci:0:128:0:0: class=0x060400 card=0x800f1bcf chip=0x3c018086 rev=0x07 hdr=0x01
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMI2 in PCI Express Mode'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x800f1bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port max data 128(128) link x0(x4)
speed 0.0(2.5) ASPM disabled(L0s/L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 000b[280] = Vendor 1 ID 4
pcib12@pci:0:128:2:0: class=0x060400 card=0x800f1bcf chip=0x3c048086 rev=0x07 hdr=0x01
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 IIO PCI Express Root Port 2a'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x800f1bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port max data 128(256) link x0(x8)
speed 0.0(8.0) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected

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ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 4
none60@pci:128:4:0: class=0x088000 card=0x800f1bcf chip=0x3c208086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 0'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none61@pci:128:4:1: class=0x088000 card=0x800f1bcf chip=0x3c218086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 1'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none62@pci:128:4:2: class=0x088000 card=0x800f1bcf chip=0x3c228086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 2'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none63@pci:128:4:3: class=0x088000 card=0x800f1bcf chip=0x3c238086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 3'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none64@pci:128:4:4: class=0x088000 card=0x800f1bcf chip=0x3c248086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 4'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none65@pci:128:4:5: class=0x088000 card=0x800f1bcf chip=0x3c258086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 5'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none66@pci:128:4:6: class=0x088000 card=0x800f1bcf chip=0x3c268086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 6'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none67@pci:128:4:7: class=0x088000 card=0x800f1bcf chip=0x3c278086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DMA Channel 7'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
    Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none68@pci:128:5:0: class=0x088000 card=0x800f1bcf chip=0x3c288086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Address Map, VTd_Misc, System Management'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
none69@pci:128:5:2: class=0x088000 card=0x800f1bcf chip=0x3c2a8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Control Status and Global Errors'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
ioapic@pci:128:5:4: class=0x080020 card=0x800f1bcf chip=0x3c2c8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 I/O APIC'
class = base peripheral
subclass = interrupt controller
cap 01[6c] = powerspec 3 supports D0 D3 current D0
none70@pci:255:8:0: class=0x088000 card=0x800f1bcf chip=0x3c808086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link 0'
class = base peripheral
none71@pci:255:8:3: class=0x088000 card=0x800f1bcf chip=0x3c838086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 0'

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class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
ecap 000b[100] = Vendor 0
none72@pci0:255:8:4: class=0x088000 card=0x800f1bcf chip=0x3c848086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none73@pci0:255:9:0: class=0x088000 card=0x800f1bcf chip=0x3c908086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link 1'
class = base peripheral
none74@pci0:255:9:3: class=0x088000 card=0x800f1bcf chip=0x3c938086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
ecap 000b[100] = Vendor 0
none75@pci0:255:9:4: class=0x088000 card=0x800f1bcf chip=0x3c948086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none76@pci0:255:10:0: class=0x088000 card=0x800f1bcf chip=0x3cc08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 0'
class = base peripheral
none77@pci0:255:10:1: class=0x088000 card=0x800f1bcf chip=0x3cc18086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 1'
class = base peripheral
none78@pci0:255:10:2: class=0x088000 card=0x800f1bcf chip=0x3cc28086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 2'
class = base peripheral
none79@pci0:255:10:3: class=0x088000 card=0x800f1bcf chip=0x3cd08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Power Control Unit 3'
class = base peripheral
none80@pci0:255:11:0: class=0x088000 card=0x800f1bcf chip=0x3ce08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Interrupt Control Registers'
class = base peripheral
none81@pci0:255:11:3: class=0x088000 card=0x800f1bcf chip=0x3ce38086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Semaphore and Scratchpad Configuration Registers'
class = base peripheral
none82@pci0:255:12:0: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none83@pci0:255:12:1: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none84@pci0:255:12:2: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none85@pci0:255:12:3: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none86@pci0:255:12:6: class=0x088000 card=0x800f1bcf chip=0x3cf48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 0'
class = base peripheral
none87@pci0:255:12:7: class=0x088000 card=0x800f1bcf chip=0x3cf68086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 System Address Decoder'
class = base peripheral
none88@pci0:255:13:0: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none89@pci0:255:13:1: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none90@pci0:255:13:2: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none91@pci0:255:13:3: class=0x088000 card=0x800f1bcf chip=0x3ce88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Unicast Register 0'
class = base peripheral
none92@pci0:255:13:6: class=0x088000 card=0x800f1bcf chip=0x3cf58086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller System Address Decoder 1'

```

```

class = base peripheral
none93@pci0:255:14:0: class=0x088000 card=0x800f1bcf chip=0x3ca08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Processor Home Agent'
class = base peripheral
none94@pci0:255:14:1: class=0x110100 card=0x800f1bcf chip=0x3c468086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Processor Home Agent Performance Monitoring'
class = dasp
none95@pci0:255:15:0: class=0x088000 card=0x800f1bcf chip=0x3ca08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Registers'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none96@pci0:255:15:1: class=0x088000 card=0x800f1bcf chip=0x3c718086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller RAS Registers'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none97@pci0:255:15:2: class=0x088000 card=0x800f1bcf chip=0x3caa8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none98@pci0:255:15:3: class=0x088000 card=0x800f1bcf chip=0x3cab8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none99@pci0:255:15:4: class=0x088000 card=0x800f1bcf chip=0x3cac8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 2'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none100@pci0:255:15:5: class=0x088000 card=0x800f1bcf chip=0x3cad8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 3'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none101@pci0:255:15:6: class=0x088000 card=0x800f1bcf chip=0x3cae8086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Target Address Decoder 4'
class = base peripheral
none102@pci0:255:16:0: class=0x088000 card=0x800f1bcf chip=0x3cb08086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none103@pci0:255:16:1: class=0x088000 card=0x800f1bcf chip=0x3cb18086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none104@pci0:255:16:2: class=0x088000 card=0x800f1bcf chip=0x3cb28086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 0'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none105@pci0:255:16:3: class=0x088000 card=0x800f1bcf chip=0x3cb38086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 1'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none106@pci0:255:16:4: class=0x088000 card=0x800f1bcf chip=0x3cb48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 2'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none107@pci0:255:16:5: class=0x088000 card=0x800f1bcf chip=0x3cb58086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller Channel 0-3 Thermal Control 3'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none108@pci0:255:16:6: class=0x088000 card=0x800f1bcf chip=0x3cb68086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 2'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none109@pci0:255:16:7: class=0x088000 card=0x800f1bcf chip=0x3cb78086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Integrated Memory Controller ERROR Registers 3'
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
none110@pci0:255:17:0: class=0x088000 card=0x800f1bcf chip=0x3cb88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DDRIO'
class = base peripheral
none111@pci0:255:19:0: class=0x088000 card=0x800f1bcf chip=0x3ce48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 R2PCIE'

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```
class = base peripheral
none112@pci0:255:19:1: class=0x110100 card=0x800f1bcf chip=0x3c438086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Ring to PCI Express Performance Monitor'
class = dasp
none113@pci0:255:19:4: class=0x110100 card=0x800f1bcf chip=0x3ce68086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QuickPath Interconnect Agent Ring Registers'
class = dasp
none114@pci0:255:19:5: class=0x110100 card=0x800f1bcf chip=0x3c448086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Ring to QuickPath Interconnect Link 0 Performance Monitor'
class = dasp
none115@pci0:255:19:6: class=0x088000 card=0x800f1bcf chip=0x3c458086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 Ring to QuickPath Interconnect Link 1 Performance Monitor'
class = base peripheral
```

ACPI電源管理データ詳細一覧

```
RSD PTR: OEM=ALASKA, ACPI_Rev=2.0x (2)
XSDT=0x7cf38080, length=36, cksum=109
XSDT: Length=124, Revision=1, Checksum=49,
OEMID=ALASKA, OEM Table ID=05B0, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
Entries={ 0x7cf424d0, 0x7cf425c8, 0x7cf427f0, 0x7cf42830, 0x7cf42ce0, 0x7cf42d10, 0x7cf42d48, 0x7cf42e08, 0x7cfb2f10, 0x7cfb2f60, 0x7cfb30a8 }
FACP: Length=244, Revision=4, Checksum=245,
OEMID=ALASKA, OEM Table ID=05B0, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
FACS=0x77fa2f80, DSDT=0x7cf38188
INT_MODEL=APIC
Preferred_PM_Profile=Workstation (3)
SCI_INT=9
SMI_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0
PSTATE_CNT=0x0
PM1a_EVT_BLK=0x400-0x403
PM1a_CNT_BLK=0x404-0x405
PM2_CNT_BLK=0x450-0x450
PM_TMR_BLK=0x408-0x40b
GPE0_BLK=0x420-0x42f
P_LVL2_LAT=101 us, P_LVL3_LAT=1001 us
FLUSH_SIZE=1024, FLUSH_STRIDE=16
DUTY_OFFSET=1, DUTY_WIDTH=3
DAY_ALRM=13, MON_ALRM=0, CENTURY=50
IAPC_BOOT_ARCH={LEGACY_DEVICES,NO_ASPM}
Flags={WBINVD,C1_SUPPORTED,C2_MP_SUPPORTED,SLEEP_BUTTON,S4_RTC_WAKE,RESET_REGISTER,PLATFORM_CLOCK,S4_RTC_VALID,REMOTE_POWER_ON}
RESET_REG=0x50d:0[8] (IO), RESET_VALUE=0xfe
FACS: Length=64, HwSig=0x00000000, FirmWake_Vec=0x00000000
Global_Lock=
Flags=
Version=2
DSDT: Length=41795, Revision=2, Checksum=178,
OEMID=ALASKA, OEM Table ID=05B0, OEM Revision=0x15,
Creator ID=INTL, Creator Revision=0x20091112
APIC: Length=548, Revision=3, Checksum=176,
OEMID=ALASKA, OEM Table ID=05B0, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
Local APIC ADDR=0xfe000000
Flags={PC-AT}
Type=Local APIC
ACPI CPU=0
Flags={ENABLED}
APIC ID=0
Type=Local APIC
ACPI CPU=2
Flags={ENABLED}
APIC ID=2
Type=Local APIC
ACPI CPU=4
Flags={ENABLED}
APIC ID=4
Type=Local APIC
ACPI CPU=6
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ACPI CPU=8
Flags={ENABLED}
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ACPI CPU=10
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ACPI CPU=12
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ACPI CPU=14
Flags={ENABLED}
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Type=Local APIC
ACPI CPU=16
Flags={ENABLED}
APIC ID=32
Type=Local APIC
ACPI CPU=18
Flags={ENABLED}
APIC ID=34
Type=Local APIC
ACPI CPU=20
Flags={ENABLED}
APIC ID=36
Type=Local APIC
ACPI CPU=22
Flags={ENABLED}
```


APIC ID=38
Type=Local APIC
ACPI CPU=24
Flags={ENABLED}
APIC ID=40
Type=Local APIC
ACPI CPU=26
Flags={ENABLED}
APIC ID=42
Type=Local APIC
ACPI CPU=28
Flags={ENABLED}
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Type=Local APIC
ACPI CPU=30
Flags={ENABLED}
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ACPI CPU=23
Flags={ENABLED}
APIC ID=39
Type=Local APIC
ACPI CPU=25
Flags={ENABLED}
APIC ID=41
Type=Local APIC
ACPI CPU=27
Flags={ENABLED}
APIC ID=43
Type=Local APIC
ACPI CPU=29
Flags={ENABLED}
APIC ID=45
Type=Local APIC
ACPI CPU=31
Flags={ENABLED}
APIC ID=47
Type=IO APIC
APIC ID=0
INT BASE=0
ADDR=0x00000000fec00000
Type=IO APIC
APIC ID=2
INT BASE=24
ADDR=0x00000000fec01000
Type=IO APIC

```

APIC ID=3
INT BASE=48
ADDR=0x00000000fec40000
Type=INT Override
BUS=0
IRQ=0
INTR=2
Flags={Polarity=conforming, Trigger=conforming}
Type=INT Override
BUS=0
IRQ=9
INTR=9
Flags={Polarity=active-hi, Trigger=level}
Type=Local APIC NMI
ACPI CPU=0
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=2
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=4
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=6
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=8
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=10
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=12
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=14
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=16
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=18
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
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ACPI CPU=20
LINT Pin=1
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ACPI CPU=24
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Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=26
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=28
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
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ACPI CPU=1
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Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=3
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI

```

```

ACPI CPU=7
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=9
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=11
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=13
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=15
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=17
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=19
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=21
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
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ACPI CPU=23
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LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=27
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Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=29
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=31
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
MCFG: Length=60, Revision=1, Checksum=76,
OEMID=ALASKA, OEM Table ID=OEMMCFG., OEM Revision=0x1072009,
Creator ID=MSFT, Creator Revision=0x97
Base Address=0x0000000800000000
Segment Group=0x0000
Start Bus=0
End Bus=255
SRAT: Length=1200, Revision=1, Checksum=86,
OEMID=A M I, OEM Table ID=AMI SRAT, OEM Revision=0x1,
Creator ID=AMI., Creator Revision=0x0
Table Revision=1
Type=CPU
Flags={ENABLED}
APIC ID=0
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=1
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=2
Proximity Domain=0
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Type=CPU
Flags={ENABLED}
APIC ID=4
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=5
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=6
Proximity Domain=0

```

Type=CPU
Flags={ENABLED}
APIC ID=7
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=8
Proximity Domain=0
Type=CPU
Flags={ENABLED}
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Flags={ENABLED}

APIC ID=45
Proximity Domain=1
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Flags={ENABLED}
APIC ID=46
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=47
Proximity Domain=1
Type=Memory
Flags={ENABLED}
Base Address=0x0000000000000000
Length=0x0000000080000000
Proximity Domain=0
Type=Memory
Flags={ENABLED}
Base Address=0x0000001000000000
Length=0x0000007800000000
Proximity Domain=0
Type=Memory
Flags={ENABLED}
Base Address=0x0000008800000000
Length=0x0000008000000000
Proximity Domain=1
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
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Length=0x0000000000000000
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Base Address=0x0000000000000000
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Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0

SLIT: Length=48, Revision=1, Checksum=230,
 OEMID=A M I, OEM Table ID=AMI SLIT, OEM Revision=0x0,
 Creator ID=AMI., Creator Revision=0x0
 Locality Count=2

HPET: Length=56, Revision=1, Checksum=118,
 OEMID=ALASKA, OEM Table ID=05B0, OEM Revision=0x1072009,
 Creator ID=AMI., Creator Revision=0x5
 HPET Number=0
 ADDR=0xfed0000:0[64] (Memory) HW Rev=0x1
 Comparators=7
 Counter Size=1
 Legacy IRQ routing capable={TRUE}
 PCI Vendor ID=0x8086
 Minimal Tick=14318

PRAD: Length=190, Revision=2, Checksum=119,
 OEMID=PRADID, OEM Table ID=PRADTID, OEM Revision=0x1,
 Creator ID=MSFT, Creator Revision=0x3000001

SSDT: Length=459012, Revision=2, Checksum=72,
 OEMID=INTEL, OEM Table ID=CpuPm, OEM Revision=0x4000,
 Creator ID=INTEL, Creator Revision=0x20091112

SPCR: Length=80, Revision=1, Checksum=96,
 OEMID=A M I, OEM Table ID=APTIO4, OEM Revision=0x1072009,
 Creator ID=AMI., Creator Revision=0x5

DMAR: Length=328, Revision=1, Checksum=159,
 OEMID=A M I, OEM Table ID=OEMDMAR, OEM Revision=0x1,
 Creator ID=INTEL, Creator Revision=0x1
 Host Address Width=46
 Flags={INTR_REMAP}
 Type=DRHD
 Length=104
 Flags=
 Segment=0
 Address=0xfbffe000
 Type=IOAPIC
 Length=8
 EnumerationId=3
 StartBusNumber=128
 Path={5:4}
 Type=PCI Sub-Hierarchy
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={0:0}
 Type=PCI Sub-Hierarchy
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={2:0}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:0}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:1}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:2}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:3}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:4}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:5}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:6}
 Type=PCI Endpoint Device
 Length=8
 EnumerationId=0
 StartBusNumber=128
 Path={4:7}
 Type=DRHD
 Length=40

```

Flags={INCLUDE_ALL}
Segment=0
Address=0xdfff0000
  Type=IOAPIC
  Length=8
  EnumerationId=0
  StartBusNumber=0
  Path={31:7}
  Type=IOAPIC
  Length=8
  EnumerationId=2
  StartBusNumber=0
  Path={5:4}
  Type=HPET
  Length=8
  EnumerationId=0
  StartBusNumber=240
  Path={15:0}
Type=RMRR
Length=40
Segment=0
BaseAddress=0x7de77000
LimitAddress=0x7de9efff
  Type=PCI Endpoint Device
  Length=8
  EnumerationId=0
  StartBusNumber=0
  Path={29:0}
  Type=PCI Endpoint Device
  Length=8
  EnumerationId=0
  StartBusNumber=0
  Path={26:0}
Type=ATSR
Length=56
Flags=
Segment=0
  Type=PCI Sub-Hierarchy
  Length=8
  EnumerationId=0
  StartBusNumber=0
  Path={1:0}
  Type=PCI Sub-Hierarchy
  Length=8
  EnumerationId=0
  StartBusNumber=0
  Path={2:0}
  Type=PCI Sub-Hierarchy
  Length=8
  EnumerationId=0
  StartBusNumber=0
  Path={3:0}
  Type=PCI Sub-Hierarchy
  Length=8
  EnumerationId=0
  StartBusNumber=0
  Path={3:2}
  Type=PCI Sub-Hierarchy
  Length=8
  EnumerationId=0
  StartBusNumber=128
  Path={0:0}
  Type=PCI Sub-Hierarchy
  Length=8
  EnumerationId=0
  StartBusNumber=128
  Path={2:0}
Type=RHSA
Length=20
BaseAddress=0xfbf00000
ProximityDomain=0x00000001
Type=RHSA
Length=20
BaseAddress=0xdfff0000
ProximityDomain=0x00000000
BERT: Length=48, Revision=1, Checksum=53,
OEMID=AMI, OEM Table ID=AMI BERT, OEM Revision=0x0,
Creator ID=, Creator Revision=0x0

```

ネットワークインターフェースデータ詳細一覧

```
bge0: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:a5:6c
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge1: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:a5:6d
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge2: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:a5:6e
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge3: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:a5:6f
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge4: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:9f:a0
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge5: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:9f:a1
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge6: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:9f:a2
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge7: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether 00:25:5c:3d:9f:a3
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bxe0: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TS04, TS06, LRO, VLAN_HWFILTER, VLAN_HWTSO>
ether 8c:89:a5:5f:37:c1
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect (none)
bxe1: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TS04, TS06, LRO, VLAN_HWFILTER, VLAN_HWTSO>
ether 8c:89:a5:5f:37:c3
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect (none)
bge8: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether d4:3d:7e:06:a4:b4
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge9: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether d4:3d:7e:06:a4:b5
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
lo0: flags=8049<UP, LOOPBACK, RUNNING, MULTICAST> metric 0 mtu 16384
options=600003<RXCSUM, TXCSUM, RXCSUM_IPV6, TXCSUM_IPV6>
inet6 ::1 prefixlen 128
inet6 fe80::1%lo0 prefixlen 64 scopeid 0xd
inet 127.0.0.1 netmask 0xff000000
nd6 options=21<PERFORMNUD, AUTO_LINKLOCAL>
```


デバイス認識詳細一覧

2	1 dr-xr-xr-x	10 root	wheel	512 Mar 11 18:36 /dev
99	0 lrwxr-xr-x	1 root	wheel	12 Mar 11 18:36 /dev/log -> /var/run/log
126	0 lrwxr-xr-x	1 root	wheel	12 Mar 11 18:36 /dev/dumpdev -> /dev/mfid0p3
3	0 crw-r-----	1 root	operator	0x3 Mar 11 18:36 /dev/geom.ctl
4	0 cr--r--r--	1 root	wheel	0x4 Mar 11 18:36 /dev/sndstat
5	0 crw-----	1 root	wheel	0x5 Mar 11 18:36 /dev/devctl
6	0 crw-----	1 root	wheel	0x6 Mar 11 18:37 /dev/console
7	0 crw-----	1 root	wheel	0x7 Mar 11 18:36 /dev/kbdmux0
8	0 lrwxr-xr-x	1 root	wheel	7 Mar 11 18:36 /dev/kbd1 -> kbdmux0
9	0 crw-rw-rw-	1 root	wheel	0x9 Mar 11 18:36 /dev/tty
10	0 crw-r-----	1 root	kmem	0xa Mar 11 18:36 /dev/mem
11	0 crw-r-----	1 root	kmem	0xb Mar 11 18:36 /dev/kmem
12	0 crw-----	1 root	wheel	0xc Mar 11 18:36 /dev/fido
13	0 crw-----	1 root	wheel	0xd Mar 11 18:36 /dev/bpf
14	0 lrwxr-xr-x	1 root	wheel	3 Mar 11 18:36 /dev/bpf0 -> bpf
15	0 crw-rw-rw-	1 root	wheel	0xf Mar 11 18:36 /dev/null
16	0 crw-rw-rw-	1 root	wheel	0x10 Mar 11 18:36 /dev/zero
17	0 crw-r--r--	1 root	wheel	0x11 Mar 11 18:36 /dev/pci
18	0 crw-----	1 root	kmem	0x12 Mar 11 18:36 /dev/nfslock
19	0 crw-----	1 root	kmem	0x13 Mar 11 18:36 /dev/audit
20	0 crw-rw-rw-	1 root	wheel	0x14 Mar 11 18:36 /dev/random
21	0 lrwxr-xr-x	1 root	wheel	6 Mar 11 18:36 /dev/urandom -> random
122	1 dr-xr-xr-x	2 root	wheel	512 Mar 11 18:36 /dev/fd
22	0 crw-rw-rw-	1 root	wheel	0x16 Mar 11 18:36 /dev/fd/0
24	0 crw-rw-rw-	1 root	wheel	0x18 Mar 11 18:36 /dev/fd/1
26	0 crw-rw-rw-	1 root	wheel	0x1a Mar 11 18:36 /dev/fd/2
23	0 lrwxr-xr-x	1 root	wheel	4 Mar 11 18:36 /dev/stdin -> fd/0
25	0 lrwxr-xr-x	1 root	wheel	4 Mar 11 18:36 /dev/stdout -> fd/1
27	0 lrwxr-xr-x	1 root	wheel	4 Mar 11 18:36 /dev/stderr -> fd/2
28	0 crw-----	1 root	wheel	0x1c Mar 11 18:36 /dev/io
29	0 crw-rw-rw-	1 root	wheel	0x1d Mar 11 18:36 /dev/midstat
30	0 crw-----	1 root	wheel	0x1e Mar 11 18:36 /dev/synmouse
31	0 crw-----	1 root	wheel	0x1f Mar 11 18:36 /dev/klog
32	0 crw-r--r--	1 root	wheel	0x20 Mar 11 18:36 /dev/acpi
33	0 crw-rw----	1 root	operator	0x21 Mar 11 18:36 /dev/apmctl
34	0 crw-rw-r--	1 root	operator	0x22 Mar 11 18:36 /dev/apm
35	0 crw-r-----	1 root	operator	0x23 Mar 11 18:36 /dev/mfi0
36	0 lrwxr-xr-x	1 root	wheel	4 Mar 11 18:36 /dev/megaraid_sas_ioctl_node -> mfi0
37	0 crw-----	1 root	wheel	0x25 Mar 11 18:36 /dev/ttyu0
38	0 crw-----	1 root	wheel	0x26 Mar 11 18:36 /dev/ttyu0.init
39	0 crw-----	1 root	wheel	0x27 Mar 11 18:36 /dev/ttyu0.lock
40	0 crw-rw----	1 uucp	dialer	0x28 Mar 11 18:36 /dev/cua0
41	0 crw-rw----	1 uucp	dialer	0x29 Mar 11 18:36 /dev/cua0.init
42	0 crw-rw----	1 uucp	dialer	0x2a Mar 11 18:36 /dev/cua0.lock
43	0 crw-----	1 root	wheel	0x2b Mar 11 18:36 /dev/ttyu1
44	0 crw-----	1 root	wheel	0x2c Mar 11 18:36 /dev/ttyu1.init
45	0 crw-----	1 root	wheel	0x2d Mar 11 18:36 /dev/ttyu1.lock
46	0 crw-rw----	1 uucp	dialer	0x2e Mar 11 18:36 /dev/cua1
47	0 crw-rw----	1 uucp	dialer	0x2f Mar 11 18:36 /dev/cua1.init
48	0 crw-rw----	1 uucp	dialer	0x30 Mar 11 18:36 /dev/cua1.lock
49	0 crw-----	1 root	tty	0x31 Mar 11 18:39 /dev/ttyv0
50	0 crw-----	1 root	wheel	0x32 Mar 11 18:36 /dev/ttyv1
51	0 crw-----	1 root	wheel	0x33 Mar 11 18:36 /dev/ttyv2
52	0 crw-----	1 root	wheel	0x34 Mar 11 18:36 /dev/ttyv3
53	0 crw-----	1 root	wheel	0x35 Mar 11 18:36 /dev/ttyv4
54	0 crw-----	1 root	wheel	0x36 Mar 11 18:36 /dev/ttyv5
55	0 crw-----	1 root	wheel	0x37 Mar 11 18:36 /dev/ttyv6
56	0 crw-----	1 root	wheel	0x38 Mar 11 18:36 /dev/ttyv7
57	0 crw-----	1 root	wheel	0x39 Mar 11 18:36 /dev/ttyv8
58	0 crw-----	1 root	wheel	0x3a Mar 11 18:36 /dev/ttyv9
59	0 crw-----	1 root	wheel	0x3b Mar 11 18:36 /dev/ttyva
60	0 crw-----	1 root	wheel	0x3c Mar 11 18:36 /dev/ttyvb
61	0 crw-----	1 root	wheel	0x3d Mar 11 18:36 /dev/ttyvc
62	0 crw-----	1 root	wheel	0x3e Mar 11 18:36 /dev/ttyvd
63	0 crw-----	1 root	wheel	0x3f Mar 11 18:36 /dev/ttyve
64	0 crw-----	1 root	wheel	0x40 Mar 11 18:36 /dev/ttyvf
65	0 crw-----	1 root	wheel	0x41 Mar 11 18:36 /dev/consolectl
66	0 crw-----	1 root	wheel	0x42 Mar 11 18:36 /dev/ufssuspend
68	0 crw-r--r--	1 root	operator	0x44 Mar 11 18:36 /dev/usbctl
69	0 crw-----	1 root	operator	0x45 Mar 11 18:36 /dev/xpt0
70	0 crw-----	1 root	wheel	0x46 Mar 11 18:36 /dev/mdctl
123	1 dr-xr-xr-x	2 root	wheel	512 Mar 11 18:36 /dev/usb
71	0 crw-----	1 root	operator	0x47 Mar 11 18:36 /dev/usb/0.1.0
73	0 crw-----	1 root	operator	0x49 Mar 11 18:36 /dev/usb/1.1.0
75	0 crw-----	1 root	operator	0x4b Mar 11 18:36 /dev/usb/0.1.1
76	0 crw-----	1 root	operator	0x4c Mar 11 18:36 /dev/usb/1.1.1
78	0 crw-----	1 root	operator	0x4e Mar 11 18:36 /dev/usb/0.2.0
80	0 crw-----	1 root	operator	0x50 Mar 11 18:36 /dev/usb/1.2.0
82	0 crw-----	1 root	operator	0x52 Mar 11 18:36 /dev/usb/0.2.1
83	0 crw-----	1 root	operator	0x53 Mar 11 18:36 /dev/usb/1.2.1
84	0 crw-----	1 root	operator	0x54 Mar 11 18:36 /dev/usb/0.3.0
86	0 crw-----	1 root	operator	0x56 Mar 11 18:36 /dev/usb/0.3.1
87	0 crw-----	1 root	operator	0x57 Mar 11 18:36 /dev/usb/1.3.0
89	0 crw-----	1 root	operator	0x59 Mar 11 18:36 /dev/usb/1.3.1
90	0 crw-----	1 root	operator	0x5a Mar 11 18:36 /dev/usb/1.3.2
105	0 crw-----	1 root	operator	0x69 Mar 11 18:36 /dev/usb/1.4.0

107	0 crw-----	1 root	operator	0x6b Mar 11 18:36	/dev/usb/l1.4.3
108	0 crw-----	1 root	operator	0x6c Mar 11 18:36	/dev/usb/l1.4.4
109	0 crw-----	1 root	operator	0x6d Mar 11 18:36	/dev/usb/l0.4.0
111	0 crw-----	1 root	operator	0x6f Mar 11 18:36	/dev/usb/l0.4.1
165	0 crw-----	1 root	operator	0xa5 Mar 11 18:38	/dev/usb/l0.5.0
167	0 crw-----	1 root	operator	0xa7 Mar 11 18:38	/dev/usb/l0.5.1
168	0 crw-----	1 root	operator	0xa8 Mar 11 18:38	/dev/usb/l0.5.2
72	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen1.1 -> usb/l0.1.0
74	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen1.1 -> usb/l1.1.0
77	0 cr-----	1 root	wheel	0x4d Mar 11 18:36	/dev/devstat
79	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen0.2 -> usb/l0.2.0
81	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen1.2 -> usb/l1.2.0
85	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen0.3 -> usb/l0.3.0
88	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen1.3 -> usb/l1.3.0
91	0 crw-----	1 root	wheel	0x5b Mar 11 18:36	/dev/ukbd0
92	0 lrwxr-xr-x	1 root	wheel	5 Mar 11 18:36	/dev/kbd0 -> ukbd0
93	0 crw-r-----	1 root	operator	0x5d Mar 11 18:36	/dev/mfid0
94	0 crw-r-----	1 root	operator	0x5e Mar 11 18:36	/dev/mfid0p1
95	0 crw-r-----	1 root	operator	0x5f Mar 11 18:36	/dev/mfid0p2
96	0 crw-r-----	1 root	operator	0x60 Mar 11 18:36	/dev/mfid0p3
125	1 dr-xr-xr-x	2 root	wheel	512 Mar 11 18:36	/dev/gptid
98	0 crw-r-----	1 root	operator	0x62 Mar 11 18:36	/dev/gptid/df230923-a8fe-11e3-873a-
00255c3da56c					
106	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen1.4 -> usb/l1.4.0
110	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:36	/dev/ugen0.4 -> usb/l0.4.0
112	0 crw-----	1 root	wheel	0x70 Mar 11 18:36	/dev/ukbd1
113	0 lrwxr-xr-x	1 root	wheel	5 Mar 11 18:36	/dev/kbd2 -> ukbd1
114	0 crw-----	1 root	operator	0x72 Mar 11 18:36	/dev/pass0
115	0 crw-----	1 root	operator	0x73 Mar 11 18:36	/dev/pass1
116	0 crw-----	1 root	operator	0x74 Mar 11 18:36	/dev/pass2
117	0 crw-----	1 root	operator	0x75 Mar 11 18:36	/dev/pass3
118	0 crw-r-----	1 root	operator	0x76 Mar 11 18:36	/dev/cd0
119	0 crw-r-----	1 root	operator	0x77 Mar 11 18:36	/dev/da0
120	0 crw-r-----	1 root	operator	0x78 Mar 11 18:36	/dev/da1
121	0 crw-r-----	1 root	operator	0x79 Mar 11 18:36	/dev/da2
97	0 crw-r--r--	1 root	operator	0x61 Mar 11 18:36	/dev/ums0
166	0 lrwxr-xr-x	1 root	wheel	9 Mar 11 18:38	/dev/ugen0.5 -> usb/l0.5.0
169	0 crw-----	1 root	operator	0xa9 Mar 11 18:38	/dev/pass4
170	0 crw-r-----	1 root	operator	0xaa Mar 11 18:38	/dev/da3

更新履歷

更新履歴

- 2014年03月13日 FreeBSD動作検証レポート2014年3月11日版作成

FreeBSD動作検証レポート

対象ハードウェア

maker:NEC, product:Express5800/R120d-1M [N8100-1791Y],
serial:2900171, version:FR1.4

対象OSバージョン

FreeBSD 10.0-RELEASE #0 r260789: Thu Jan 16 22:34:59
UTC 2014

2014年3月11日版

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