

FreeBSD動作検証レポート

R120d-2M / 10.0-STABLE

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-STABLE #0 r262915: Sat Mar 8 03:13:32 UTC
2014

2014年3月12日版

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-STABLE #0 r262915: Sat Mar 8 03:13:32 UTC 2014

基礎性能データ

メモリアクセス速度	27.082 GBi/sec
IPv4スタック処理速度	286.739 MBi/sec
IPv6スタック処理速度	335.906 MBi/sec

動作検証要約

FreeBSD 10.0-STABLE #0 r262915: Sat Mar 8 03:13:32 UTC 2014は、検証対象ハードウェア「maker:NEC, product:Express5800/R120d-1M [N8100-1791Y], serial:2900171, version:FR1.4」において正常に動作する。本機はFreeBSD 10.0-STABLE #0 r262915: Sat Mar 8 03:13:32 UTC 2014よりも前のバージョンでの使用は推奨できない。今後リリースが予定されているFreeBSD 10.1-RELEASEなどFreeBSD 10.0-STABLE #0 r262915: Sat Mar 8 03:13:32 UTC 2014以降のバージョンの使用が推奨される。

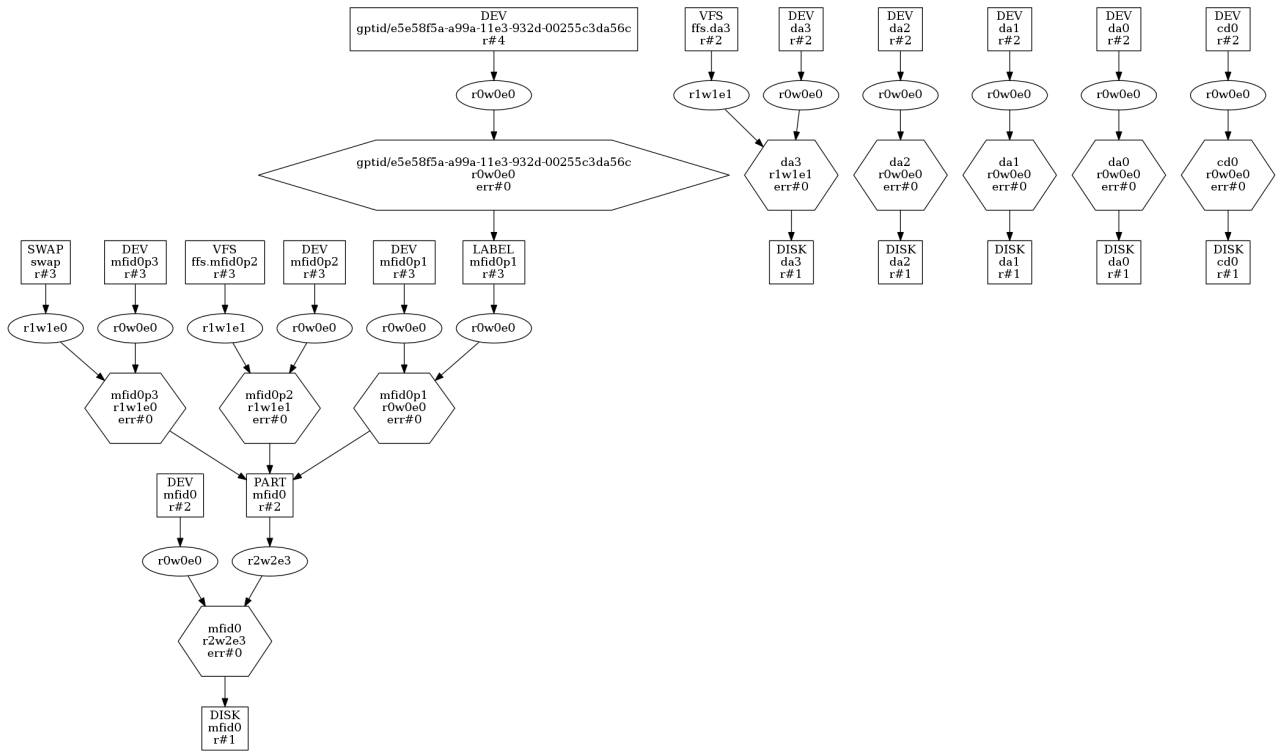
FreeBSD 10.1-RELEASEがリリースされるよりも前の段階でリリースバージョンでの使用が必要とされる場合、リリースバージョンでの使用が必要とされる場合、FreeBSD 10.0-RELEASEのユーザランドにFreeBSD 10.0-STABLEのカーネルを組み合わせて利用する方法を検討できる。本番環境での使用にあたっては実施前にその組み合わせでの負荷試験の実施が推奨される。

※ 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業務に関しては弊社までお気軽にご相談ください。

互換情報

NEC Express5800/R120d-1MとNEC Express5800/R120d-2Mは同じマザーボードを採用している。本動作検証レポートの内容はNEC Express5800/R120d-1Mにおいて実施されたものだが、本検証レポートの内容はNEC Express5800/R120d-2Mにおいても有効。

検証機GEOMツリー



高負荷耐久試験

高負荷耐久試験

試験結果

検証対象ハードウェア(maker:NEC, product:Express5800/R120d-1M [N8100-1791Y], serial:2900171, version:FR1.4)は24時間高負荷耐久試験をクリアしており、所定の負荷に対して安定して動作するものとみられる。

不正処理高負荷耐久試験	クリア
通常ファイル作成高負荷耐久試験	クリア
FIFOファイル作成高負荷耐久試験	クリア
ディレクトリ作成高負荷耐久試験	クリア
ハードリンクファイル作成高負荷耐久試験	クリア
シンボリックリンクファイル作成高負荷耐久試験	クリア
ファイルロック機構高負荷耐久試験	クリア
メモリファイルマッピング機能高負荷耐久試験	クリア
ファイルシステム階層構造トラバース高負荷耐久試験	クリア
ファイルシステムパス解析高負荷耐久試験	クリア
ファイルシステムパスリネーム高負荷耐久試験	クリア
ファイルシステムライト・キャッシュリード高負荷耐久試験	クリア
ファイルシステムスワップ高負荷耐久試験	クリア
スレッド機構高負荷耐久試験	クリア
間接システムコール高負荷耐久試験	クリア
擬似ターミナル機構高負荷耐久試験	クリア
共有メモリ機構高負荷耐久試験	クリア
ネットワークソケット高負荷耐久試験	クリア
TCPスタック高負荷耐久試験	クリア
UDPスタック高負荷耐久試験	クリア

動作検証レポート

動作検証レポート

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, SMI_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_SSDDT_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	mf0 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	mf0 Physical Drives:, 8 (279G) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72F0A04XFRJ6gt; SAS E1:S3, 9 (279G) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A012FRJ6gt; SAS E1:S2, 10 (279G) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=8230A02RFRJ6gt; SAS E1:S1, 11 (279G) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A06IFRJ6gt; SAS E1:S0
ボリューム	mf0 Volumes:, Id Size Level Stripe State Cache Name, mfid0 (558G) RAID-1 64K OPTIMAL Disabled
コンフィグ	mf0 Configuration: 2 arrays, 1 volumes, 0 spares, array 0 of 2 drives:, drive 11 (279G) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A06IFRJ6gt; SAS, drive 10 (279G) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=8230A02RFRJ6gt; SAS, array 1 of 2 drives:, drive 9 (279G) ONLINE It;TOSHIBA MK3001GRRB 3502 serial=72V0A012FRJ6gt; SAS, drive 8 (279G) 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mf0(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
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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:c3>, 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.ctl
gptid	gptid/e5e58f5a-a99a-11e3-932d-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
mfi0p2	mfi0p3	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		

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

詳細データ

カーネル環境変数データ詳細一覧

```
LINES="24"
bootfile="kernel"
camconsole_pcidev=""
camconsole_port="1016"
camconsole_speed="9600"
console="vidconsole"
currdev="disk2p2:"
hint.acpi.0.oem="ALASKA"
hint.acpi.0.revision="2"
hint.acpi.0.rsdp="0x000f0450"
hint.acpi.0.rsdt="0x7cf38028"
hint.acpi.0.xsdt="0x00000007cf38080"
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"
interpret="OK"
kernel="kernel"
kernel[0]="kernel"
kernel[1]="kernel.old"
kernel_options=""
kernelname="/boot/kernel/kernel"
loaderdev="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.uuid="005e095d-7ff6-e111-8001-d43d7e06a650"
smbios.system.version="FR1.4"
smbios.version="2.7"
temp_options=""
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-STABLE
kern.osrevision: 199506
kern.version: FreeBSD 10.0-STABLE #0 r262915: Sat Mar  8 03:13:32 UTC 2014
  root@grind.freebsd.org:/usr/obj/usr/src/sys/GENERIC
kern.maxvnodes: 1164484
kern.maxproc: 70852
kern.maxfiles: 2094863
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 = 1394564778, usec = 157964 } Wed Mar 12 04:06:18 2014
kern.domainname:
kern.osreldate: 1000704
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_protohdr: 60
kern.ipc.max_hdr: 76
kern.ipc.max_datalen: 92
kern.ipc.maxmbufmem: 33420224512
kern.ipc.nmbclusters: 4079618
kern.ipc.nmbjumbop: 2039808
kern.ipc.nmbjumbo9: 1813161
kern.ipc.nmbjumbo16: 1359872
kern.ipc.nmbufs: 26109555
kern.ipc.maxpipekva: 1072566272
kern.ipc.pipekva: 0
kern.ipc.pipefragretry: 0
kern.ipc.pipeallocfail: 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.semns1: 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.shmni: 192
kern.ipc.shmsegs: 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: 2094865
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.num_doneqs: 6
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: 1008
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>
kern.geom.confdot: digraph geom {
kern.geom.confxtxt: 0 DISK da3 15504900096 512 hd 255 sc 63
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

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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: 256 1 959 68 711770
kern.cp_times: 10 0 545 30 22222 6 0 13 0 22247 5 0 11 0 22250 3 0 4 0 22259 14 0 14 0 22238 6 0 5 11 22244 18 0 11 15 22222 7 0 22 3 22234 9 0 18 0 22239 14
0 24 1 22227 5 0 14 0 22247 14 0 11 0 22241 5 0 12 2 22247 4 0 7 0 22255 5 0 15 0 22246 39 0 14 0 22213 30 0 16 0 22220 5 0 4 0 22257 5 0 6 0 22255 4 0 14 0
22248 4 0 24 0 22238 4 0 12 0 22250 7 1 8 0 22250 2 0 12 2 22250 3 0 13 0 22250 4 0 15 0 22247 4 0 13 2 22247 3 0 14 0 22249 5 0 11 0 22250 7 0 9 0 22250 3 0
31 1 22232 2 0 17 1 22246
kern.console: ttyv0,/ttyv0,uart,
kern.consmute: 0
kern.consmgbuf_size: 8192
kern.constty_wakeups_per_second: 5
kern.openfiles: 54
kern.eventtimer.et.LAPIC.flags: 7
kern.eventtimer.et.LAPIC.frequency: 50001203
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: 4447
kern.randampid: 0
kern.ktrace.genio_size: 4096
kern.ktrace.request_pool: 100
kern.module_path: /boot/kernel;/boot/modules
kern.malloc_count: 346
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
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

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kern.features.ffs_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_software_events: 16
kern.kstack_pages: 4
kern.panic_reboot_wait_time: 15
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: 23235
kern.timecounter.tc.i8254.frequency: 1193182
kern.timecounter.tc.i8254.quality: 0
kern.timecounter.tc.HPET.mask: 4294967295
kern.timecounter.tc.HPET.counter: 785912275
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: 8640906
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: 3070025638
kern.timecounter.tc.TSC-low.frequency: 1450034720
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>
kern.ccpu: 0
kern.devstat.numdevs: 11
kern.devstat.generation: 251
kern.devstat.version: 6
kern.hintmode: 0
kern.kobj_methodcount: 229
kern.log_wakeups_per_second: 5
kern.msgbuf_show_timestamp: 0
kern.hz: 1000
kern.nbuf: 105931
kern.nswbuf: 256
kern.msgbufsize: 98304
kern.maxswzone: 0
kern.maxbcache: 0
kern.bio_transient_maxcnt: 1024
kern.maxtsiz: 134217728
kern.dfltsiz: 3435938368
kern.maxdsiz: 3435938368
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

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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: 117
kern.tty_nout: 11595
kern.filedelay: 30
kern.dirdelay: 29
kern.metadelay: 28
kern.minvnodes: 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: 19)
Virtual Memory: (Total: 438740K Active: 425360K)
Real Memory: (Total: 206788K Active: 25168K)
Shared Virtual Memory: (Total: 5432K Active: 5432K)
Shared Real Memory: (Total: 5048K Active: 5048K)
Free Memory: 64866212K
vm.loadavg: { 0.14 0.29 0.15 }
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: 66840449024
vm.kmem_size_min: 0
vm.kmem_size_max: 1319413950874
vm.kmem_size_scale: 1
vm.kmem_map_size: 99942400
vm.kmem_map_free: 66740506624
vm.swap_total: 4026494976
vm.swap_reserved: 223825920
vm.overcommit: 0
vm.swap_async_max: 4
vm.dnmax: 32
vm.nswapdev: 1
vm.zone_count: 100
vm.zone_warnings: 1
vm.kstack_cache_size: 128
vm.kstacks: 244
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: 99980
vm.stats.sys.v_trap: 236221
vm.stats.sys.v_syscall: 242800
vm.stats.sys.v_intr: 7763
vm.stats.sys.v_soft: 5053
vm.stats.vm.v_vm_faults: 221701
vm.stats.vm.v_io_faults: 697
vm.stats.vm.v_cow_faults: 118076
vm.stats.vm.v_cow_optim: 886
vm.stats.vm.v_zfod: 61676
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: 729
vm.stats.vm.v_vnodeout: 0
vm.stats.vm.v_vnodepgsin: 3574
vm.stats.vm.v_vnodepgsout: 0
vm.stats.vm.v_intrans: 0
vm.stats.vm.v_reactivated: 0
vm.stats.vm.v_pdwakeups: 0
vm.stats.vm.v_pdpages: 755
vm.stats.vm.v_tcached: 0
vm.stats.vm.v_dfree: 0
vm.stats.vm.v_pfree: 132784
vm.stats.vm.v_tfree: 482580
vm.stats.vm.v_page_size: 4096
vm.stats.vm.v_page_count: 16318469
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: 16216553
vm.stats.vm.v_wire_count: 94235
vm.stats.vm.v_active_count: 3911
vm.stats.vm.v_inactive_target: 521493
vm.stats.vm.v_inactive_count: 3685
vm.stats.vm.v_cache_count: 0
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: 4121
vm.stats.vm.v_vforks: 310
vm.stats.vm.v_rforks: 0
vm.stats.vm.v_kthreads: 16
vm.stats.vm.v_forkpages: 145741
vm.stats.vm.v_vforkpages: 11127
vm.stats.vm.v_rforkpages: 0

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vm.stats.vm.v_kthreadpages: 0
vm.stats.misc.zero_page_count: 28
vm.stats.misc.cnt_prezero: 0
vm.stats.object.collapses: 12979
vm.stats.object.bypasses: 1580
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: 5414238
vm.phys_free:
DOMAIN 0:
FREE LIST 0:
FREE LIST 1:
vm.phys_segs:
SEGMENT 0:
start: 0x100000
end: 0x950000
domain: 0
free list: 0xffffffff814a3cb8
SEGMENT 1:
start: 0x100000
end: 0x200000
domain: 0
free list: 0xffffffff814a3cb8
SEGMENT 2:
start: 0x1841000
end: 0x7cf38000
domain: 0
free list: 0xffffffff814a3910
SEGMENT 3:
start: 0x100000000
end: 0x1014789000
domain: 0
free list: 0xffffffff814a3910
vm.ndomains: 1
vm.reserv.broken: 0
vm.reserv.freed: 15440
vm.reserv.partpopq:
-1: 129976K, 76
vm.reserv.reclaimed: 0
vm.idlezero_enable: 0
vm.pmap.pat_works: 1
vm.pmap.pg_ps_enabled: 1
vm.pmap.pcid_enabled: 0
vm.pmap.invpcid_works: 0
vm.pmap.pcid_save_cnt: 0
vm.pmap.pde.demotions: 281
vm.pmap.pde.mappings: 0
vm.pmap.pde.p_failures: 111
vm.pmap.pde.promotions: 352
vm.pmap.pdpe.demotions: 3
vm.kvm_size: 2199023251456
vm.kvm_free: 2129112592384
vfs.ufs.dirhash_minsize: 2560
vfs.ufs.dirhash_maxmem: 27111424
vfs.ufs.dirhash_mem: 52681
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
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.iocmaxidle: 120
vfs.nfs.iocadmin: 0
vfs.nfs.iocmax: 20
vfs.nfs.defect: 0
vfs.devfs.generation: 146
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.mirrormt: 1
vfs.nfsd.commit_blks: 0

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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.tcpcachetimeo: 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.vmioldirenable: 1
vfs.runningbufspace: 0
vfs.bufspace: 34439168
vfs.unmapped_bufspace: 26968064
vfs.maxbufspace: 1735573504
vfs.bufmallospace: 0
vfs.maxmallocbufspace: 86745907
vfs.lobufspace: 1734852608
vfs.hibufspace: 1734918144
vfs.buffreuscnt: 1159
vfs.buffreekvacnt: 105
vfs.bufdefragcnt: 0
vfs.lorunningspace: 11206656
vfs.hirunningspace: 16777216
vfs.dirtybufferflushes: 0
vfs.bdwriteskip: 0
vfs.altbufferflushes: 0
vfs.recursiveflushes: 0
vfs.numdirtybuffers: 395
vfs.lodirtybuffers: 13251
vfs.hidirtybuffers: 26502
vfs.dirtybufthresh: 23851
vfs.numfreebuffers: 105536
vfs.lofreebuffers: 5890
vfs.hifreebuffers: 11780
vfs.getnewbufcalls: 1186
vfs.getnewbufrestarts: 0
vfs.mappingrestarts: 0
vfs.flushbufqtarget: 100
vfs.notbufdflushes: 0
vfs.barrierwrites: 3
vfs.unmapped_buf_allowed: 1
vfs.flushwithdeps: 0
vfs.ncnegfactor: 16
vfs.ncsizefactor: 2
vfs.cache.numneg: 40
vfs.cache.numcache: 876
vfs.cache.numcalls: 77609
vfs.cache.dotohits: 171
vfs.cache.dotdothits: 11
vfs.cache.numchecks: 75134
vfs.cache.nummiss: 2265
vfs.cache.nummisszap: 32
vfs.cache.numposzaps: 35
vfs.cache.numposhits: 61587
vfs.cache.numnegzaps: 377
vfs.cache.numneghits: 13131
vfs.cache.numupgrades: 3
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.typenumhash: 1
vfs.lookup_shared: 1
vfs.usermount: 0
vfs.numnodes: 1202
vfs.wantfreenvnodes: 291121
vfs.freevnodes: 41
vfs.vlru_allow_cache_src: 0
vfs.reassignbufcalls: 1052
vfs.timestamp_precision: 0
vfs.worklist_len: 354
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

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net.local.inflight: 0
net.local.deferred: 0
net.local.recycled: 0
net.local.taskcount: 0
net.inet.ip.porrange.lowfirst: 1023
net.inet.ip.porrange.lowlast: 600
net.inet.ip.porrange.first: 10000
net.inet.ip.porrange.last: 65535
net.inet.ip.porrange.hifirst: 49152
net.inet.ip.porrange.hilast: 65535
net.inet.ip.porrange.reservedhigh: 1023
net.inet.ip.porrange.reservedlow: 0
net.inet.ip.porrange.randomized: 1
net.inet.ip.porrange.randomcps: 10
net.inet.ip.porrange.randomtime: 45
net.inet.ip.forwarding: 0
net.inet.ip.redirect: 1
net.inet.ip.ttl: 64
net.inet.ip.rtxexpire: 3600
net.inet.ip.rtmixexpire: 10
net.inet.ip.rtmxocache: 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.gifttl: 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
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.rcvspace: 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_lvar: 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.cursgments: 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.globalmaxholes: 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.maxtcptw: 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
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: 509952
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_dccecn: 1
net.inet.sctp.blackhole: 0
```

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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
net.inet6.ip6.hlim: 64
net.inet6.ip6.maxfragpackets: 1019904
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.rtmmaxcache: 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: 1019904
net.inet6.ip6.mcast_pmtu: 0
net.inet6.ip6.no_rdr: 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_mmaxtries: 3
net.inet6.icmp6.nd6_useloopback: 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_olddmcprefix: 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.maxreq_retries: 3
net.wlan.hwmp.net_diameter_traversal_time: 512
net.wlan.hwmp.roottimeout: 5000

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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
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.pollled: 0
debug.acpi.ec.timeout: 750
debug.acpi.batt.batt_sleep_ms: 0
debug.acpi.resume_beep: 0
debug.ipw: 0
debug.iwi: 0
debug.mddebug: 0
debug.wpi: 0
debug.elf64_legacy_coredump: 0
debug.elf32_legacy_coredump: 0
debug.boothowto: 0
debug.bootverbose: 0
debug.cpubfreq.lowest: 0
debug.cpubfreq.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: 40
debug.numcache: 876
debug.numcachehv: 90
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: 480
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: 64
debug.softdep.total.inodedep: 439
debug.softdep.total.bmsafemap: 428
debug.softdep.total.newblk: 776
debug.softdep.total.allocdirect: 776
debug.softdep.total.indirdep: 0
debug.softdep.total.alloccindir: 0
debug.softdep.total.freefrag: 2
debug.softdep.total.freeblks: 332
debug.softdep.total.freefile: 25
debug.softdep.total.diradd: 443
debug.softdep.total.mkdir: 100
debug.softdep.total.dirrem: 42
debug.softdep.total.newdirblk: 50
debug.softdep.total.freework: 332
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debug.softdep.total.freedeep: 0
debug.softdep.total.jaddrf: 543
debug.softdep.total.jremref: 54
debug.softdep.total.jmvref: 0
debug.softdep.total.jnewblk: 776
debug.softdep.total.jfreeblk: 0
debug.softdep.total.jfreefrag: 2
debug.softdep.total.jseg: 10
debug.softdep.total.jsegdep: 1375
debug.softdep.total.sbdep: 5
debug.softdep.total.jtrunc: 0
debug.softdep.total.jfsync: 0
debug.softdep.highuse.pagedep: 42
debug.softdep.highuse.inodep: 352
debug.softdep.highuse.bmsafemap: 6
debug.softdep.highuse.newblk: 1
debug.softdep.highuse.allocdirect: 376
debug.softdep.highuse.indirdep: 0
debug.softdep.highuse.allocindir: 0
debug.softdep.highuse.freefrag: 1
debug.softdep.highuse.freeblks: 2
debug.softdep.highuse.freefile: 2
debug.softdep.highuse.diradd: 350
debug.softdep.highuse.mkdir: 78
debug.softdep.highuse.dirrem: 3
debug.softdep.highuse.newdirblk: 39
debug.softdep.highuse.freework: 2
debug.softdep.highuse.freedeep: 0
debug.softdep.highuse.jaddrf: 379
debug.softdep.highuse.jremref: 3
debug.softdep.highuse.jmvref: 0
debug.softdep.highuse.jnewblk: 341
debug.softdep.highuse.jfreeblk: 0
debug.softdep.highuse.jfreefrag: 1
debug.softdep.highuse.jseg: 7
debug.softdep.highuse.jsegdep: 780
debug.softdep.highuse.sbdep: 1
debug.softdep.highuse.jtrunc: 0
debug.softdep.highuse.jfsync: 0
debug.softdep.current.pagedep: 42
debug.softdep.current.inodep: 351
debug.softdep.current.bmsafemap: 1
debug.softdep.current.newblk: 0
debug.softdep.current.allocdirect: 375
debug.softdep.current.indirdep: 0
debug.softdep.current.allocindir: 0
debug.softdep.current.freefrag: 1
debug.softdep.current.freeblks: 0
debug.softdep.current.freefile: 0
debug.softdep.current.diradd: 350
debug.softdep.current.mkdir: 40
debug.softdep.current.dirrem: 0
debug.softdep.current.newdirblk: 39
debug.softdep.current.freework: 0
debug.softdep.current.freedeep: 0
debug.softdep.current.jaddrf: 1
debug.softdep.current.jremref: 0
debug.softdep.current.jmvref: 0
debug.softdep.current.jnewblk: 3
debug.softdep.current.jfreeblk: 0
debug.softdep.current.jfreefrag: 0
debug.softdep.current.jseg: 3
debug.softdep.current.jsegdep: 726
debug.softdep.current.sbdep: 0
debug.softdep.current.jtrunc: 0
debug.softdep.current.jfsync: 0
debug.softdep.write.pagedep: 19
debug.softdep.write.inodep: 505
debug.softdep.write.bmsafemap: 11
debug.softdep.write.newblk: 0
debug.softdep.write.allocdirect: 49
debug.softdep.write.indirdep: 0
debug.softdep.write.allocindir: 0
debug.softdep.write.freefrag: 0
debug.softdep.write.freeblks: 1
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.freedeep: 0
debug.softdep.write.jaddrf: 0
debug.softdep.write.jremref: 0
debug.softdep.write.jmvref: 0
debug.softdep.write.jnewblk: 0
debug.softdep.write.jfreeblk: 0
debug.softdep.write.jfreefrag: 0
debug.softdep.write.jseg: 10
debug.softdep.write.jsegdep: 2
debug.softdep.write.sbdep: 5
debug.softdep.write.jtrunc: 0
debug.softdep.write.jfsync: 0
debug.softdep.max_softdeps: 4657936
debug.softdep.tickdelay: 2
debug.softdep.maxindirdeps: 50
debug.softdep.softdep_mounts: 1
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

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debug.softdep.sync_limit_hit: 0
debug.softdep.indir_blk_ptrs: 0
debug.softdep.inode_bitmap: 5
debug.softdep.direct_blk_ptrs: 14
debug.softdep.dir_entry: 3
debug.softdep.jaddrf_rollback: 0
debug.softdep.jnewblk_rollback: 0
debug.softdep.journal_low: 0
debug.softdep.journal_min: 0
debug.softdep.journal_wait: 1
debug.softdep.jwait_filepage: 0
debug.softdep.jwait_freeblks: 0
debug.softdep.jwait_inode: 1
debug.softdep.jwait_newblk: 0
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.dobkgrdwrite: 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: 68644487168
hw.usermem: 68258476032
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.anical: 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

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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.pollled_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.clearBars: 0
hw.pci.clearPciB: 0
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: PEQ: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.instrhoff: 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

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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: 16758908
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
hw.kbd.keymap_restrict_change: 0
hw.dmar.tbl_pagecnt: 0
hw.dmar.match_verbose: 0
hw.busdma.total_bpages: 1659
hw.busdma.zone0.total_bpages: 64
hw.busdma.zone0.free_bpages: 64
hw.busdma.zone0.reserved_bpages: 0
hw.busdma.zone0.active_bpages: 0
hw.busdma.zone0.total_bounced: 0
hw.busdma.zone0.total_deferred: 0
hw.busdma.zone0.lowaddr: 0xffffffffffff
hw.busdma.zone0.alignment: 4096
hw.busdma.zone1.total_bpages: 1595
hw.busdma.zone1.free_bpages: 1594
hw.busdma.zone1.reserved_bpages: 0
hw.busdma.zone1.active_bpages: 1
hw.busdma.zone1.total_bounced: 1261
hw.busdma.zone1.total_deferred: 0
hw.busdma.zone1.lowaddr: 0xffffffff
hw.busdma.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: -32400
machdep.wall_cmos_clock: 1

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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: 22
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: 2900069440
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
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

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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.procfds: 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
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

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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: 750
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 17246us
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 36119us
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
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 36094us
dev.cpu.3.%desc: ACPI CPU
dev.cpu.3.%driver: cpu
dev.cpu.3.%location: handle=\_SB_.SCK0.CP03
dev.cpu.3.%pnpinfo: _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 36105us
dev.cpu.4.%desc: ACPI CPU
dev.cpu.4.%driver: cpu
dev.cpu.4.%location: handle=\_SB_.SCK0.CP04
dev.cpu.4.%pnpinfo: _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 36067us
dev.cpu.5.%desc: ACPI CPU
dev.cpu.5.%driver: cpu
dev.cpu.5.%location: handle=\_SB_.SCK0.CP05
dev.cpu.5.%pnpinfo: _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 36083us
dev.cpu.6.%desc: ACPI CPU
dev.cpu.6.%driver: cpu
dev.cpu.6.%location: handle=\_SB_.SCK0.CP06
dev.cpu.6.%pnpinfo: _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 36054us
dev.cpu.7.%desc: ACPI CPU
dev.cpu.7.%driver: cpu
dev.cpu.7.%location: handle=\_SB_.SCK0.CP07
dev.cpu.7.%pnpinfo: _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 36068us
dev.cpu.8.%desc: ACPI CPU
dev.cpu.8.%driver: cpu
dev.cpu.8.%location: handle=\_SB_.SCK0.CP08
dev.cpu.8.%pnpinfo: _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 36039us
dev.cpu.9.%desc: ACPI CPU
dev.cpu.9.%driver: cpu
dev.cpu.9.%location: handle=\_SB_.SCK0.CP09
dev.cpu.9.%pnpinfo: _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 35952us
dev.cpu.10.%desc: ACPI CPU
dev.cpu.10.%driver: cpu
dev.cpu.10.%location: handle=\_SB_.SCK0.CP0A
dev.cpu.10.%pnpinfo: _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 36017us
dev.cpu.11.%desc: ACPI CPU
dev.cpu.11.%driver: cpu
dev.cpu.11.%location: handle=\_SB_.SCK0.CP0B
dev.cpu.11.%pnpinfo: _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 36029us
dev.cpu.12.%desc: ACPI CPU
dev.cpu.12.%driver: cpu
dev.cpu.12.%location: handle=\_SB_.SCK0.CP0C
dev.cpu.12.%pnpinfo: _HID=ACPI0007 _UID=0
dev.cpu.12.%parent: acpi0

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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 31512us
dev.cpu.13.%desc: ACPI CPU
dev.cpu.13.%driver: cpu
dev.cpu.13.%location: handle=\_SB_.SCK0.CP0D
dev.cpu.13.%pnpinfo: _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 36018us
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 35984us
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 35996us
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 35949us
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 35974us
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 35938us
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 26917us
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 35921us
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 35938us
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 28016us
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 35932us
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 35893us
dev.cpu.25.%desc: ACPI CPU
dev.cpu.25.%driver: cpu
dev.cpu.25.%location: handle=\_SB_.SCK1.CP19

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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 35905us
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 35874us
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 35888us
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 35853us
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 35865us
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 16754us
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 32084us
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=PNP0800 _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
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 LNKE
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 LNKF
dev.pci_link.5.%driver: pci_link
dev.pci_link.5.%location: handle=\_SB_.LNKF
dev.pci_link.5.%pnpinfo: _HID=PNP0C0F _UID=6

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

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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: pcib0
dev.pci.33.%desc: ACPI PCI bus
dev.pci.33.%driver: pci
dev.pci.33.%parent: pcib1
dev.pci.33.wake: 0
dev.pci.37.%desc: ACPI PCI bus
dev.pci.37.%driver: pci
dev.pci.37.%parent: pcib2
dev.pci.37.wake: 0
dev.pci.45.%desc: ACPI PCI bus
dev.pci.45.%driver: pci
dev.pci.45.%parent: pcib3
dev.pci.45.wake: 0
dev.pci.3.%desc: ACPI PCI bus
dev.pci.3.%driver: pci
dev.pci.3.%parent: pcib4
dev.pci.3.wake: 0
dev.pci.58.%desc: ACPI PCI bus
dev.pci.58.%driver: pci
dev.pci.58.%parent: pcib5
dev.pci.2.%desc: ACPI PCI bus
dev.pci.2.%driver: pci
dev.pci.2.%parent: pcib6
dev.pci.2.wake: 0
dev.pci.5.%desc: ACPI PCI bus
dev.pci.5.%driver: pci
dev.pci.5.%parent: pcib7
dev.pci.5.wake: 0
dev.pci.60.%desc: ACPI PCI bus
dev.pci.60.%driver: pci
dev.pci.60.%parent: pcib8
dev.pci.60.wake: 0
dev.pci.127.%desc: ACPI PCI bus
dev.pci.127.%driver: pci
dev.pci.127.%parent: pcib9
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

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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
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.%pnpinfo: 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

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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.%npinfo: 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
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.%npinfo: 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.%npinfo: 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

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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
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.%pnpinfo: 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.%pnpinfo: 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

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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
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.%npninfo: 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.%npninfo: 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

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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.%npinfo: 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.%npinfo: 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.%npinfo: 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.%npinfo: 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.%npinfo: 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.%npinfo: 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.%npinfo: 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.%npinfo: 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.%npinfo: 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.%npinfo: oui=0x1be9 model=0x20 rev=0x0
dev.brgphy.9.%parent: miibus9
dev.bxe.0.%desc: Broadcom NetXtreme II BCM57810 10GbE (B0) BXE v:1.78.77
dev.bxe.0.%driver: bxe
dev.bxe.0.%location: slot=0 function=0
dev.bxe.0.%npinfo: vendor=0x14e4 device=0x168e subvendor=0x1bcf subdevice=0x8034 class=0x020000
dev.bxe.0.%parent: pci3
dev.bxe.0.%version: 1.78.77
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
dev.bxe.0.queue.0.rx_pkts: 0
dev.bxe.0.queue.0.rx_tpa_pkts: 0
dev.bxe.0.queue.0.rx_soft_errors: 0
dev.bxe.0.queue.0.rx_hw_csum_errors: 0
dev.bxe.0.queue.0.rx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.0.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.0.queue.0.rx_budget_reached: 0
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
dev.bxe.0.queue.0.tx_ofld_frames_csum_udp: 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
dev.bxe.0.queue.0.tx_hw_queue_full: 0
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
dev.bxe.0.queue.0.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.queue.0.mbuf_rx_sge_mapping_failed: 0
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
dev.bxe.0.queue.1.tx_bytes: 0
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
dev.bxe.0.queue.1.tpa_aggregations: 0
dev.bxe.0.queue.1.tpa_aggregated_frames: 0
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
dev.bxe.0.queue.1.rx_budget_reached: 0
dev.bxe.0.queue.1.tx_pkts: 0
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
dev.bxe.0.queue.1.tx_ofld_frames_csum_udp: 0
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
dev.bxe.0.queue.1.tx_dma_mapping_failure: 0
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
dev.bxe.0.queue.1.tx_queue_xoff: 0
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dev.bxe.0.queue.1.mbuf_defrag_failures: 0
dev.bxe.0.queue.1.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.queue.1.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.queue.1.mbuf_rx_tpa_alloc_failed: 0
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
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
dev.bxe.0.queue.2.tpa_aggregations: 0
dev.bxe.0.queue.2.tpa_aggregated_frames: 0
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
dev.bxe.0.queue.2.rx_ofld_frames_csum_ip: 0
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
dev.bxe.0.queue.3.tpa_aggregations: 0
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
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:1.78.77
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: 1.78.77
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

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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
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

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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
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

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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
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.USB
dev.ehci.0.%pnpinfo: vendor=0x8086 device=0x1d2d subvendor=0x1bcf subdevice=0x800f class=0xc0320
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=0xc0320
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

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dev.atapci.1.%driver: atapci
dev.atapci.1.%location: slot=31 function=5 handle=\_SB_.PCI0.SAT1
dev.atapci.1.%pnpinf: 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.%pnpinf: _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.%pnpinf: _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.%pnpinf: _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.%pnpinf: _HID=PNP0200 _UID=0
dev.atdma.0.%parent: acpi0
dev.fpuvnp.0.%desc: Legacy ISA coprocessor support
dev.fpuvnp.0.%driver: fpuvnp
dev.fpuvnp.0.%location: handle=\_SB_.PCI0.SBRG.COPR
dev.fpuvnp.0.%pnpinf: _HID=PNP0C04 _UID=0
dev.fpuvnp.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.acpi_perf.20.%parent: cpu20
dev.acpi_perf.21.%driver: acpi_perf

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dev.cpufreq.11.%parent: cpu11
dev.cpufreq.12.%driver: cpufreq
dev.cpufreq.12.%parent: cpu12
dev.cpufreq.13.%driver: cpufreq
dev.cpufreq.13.%parent: cpu13
dev.cpufreq.14.%driver: cpufreq
dev.cpufreq.14.%parent: cpu14
dev.cpufreq.15.%driver: cpufreq
dev.cpufreq.15.%parent: cpu15
dev.cpufreq.16.%driver: cpufreq
dev.cpufreq.16.%parent: cpu16
dev.cpufreq.17.%driver: cpufreq
dev.cpufreq.17.%parent: cpu17
dev.cpufreq.18.%driver: cpufreq
dev.cpufreq.18.%parent: cpu18
dev.cpufreq.19.%driver: cpufreq
dev.cpufreq.19.%parent: cpu19
dev.cpufreq.20.%driver: cpufreq
dev.cpufreq.20.%parent: cpu20
dev.cpufreq.21.%driver: cpufreq
dev.cpufreq.21.%parent: cpu21
dev.cpufreq.22.%driver: cpufreq
dev.cpufreq.22.%parent: cpu22
dev.cpufreq.23.%driver: cpufreq
dev.cpufreq.23.%parent: cpu23
dev.cpufreq.24.%driver: cpufreq
dev.cpufreq.24.%parent: cpu24
dev.cpufreq.25.%driver: cpufreq
dev.cpufreq.25.%parent: cpu25
dev.cpufreq.26.%driver: cpufreq
dev.cpufreq.26.%parent: cpu26
dev.cpufreq.27.%driver: cpufreq
dev.cpufreq.27.%parent: cpu27
dev.cpufreq.28.%driver: cpufreq
dev.cpufreq.28.%parent: cpu28
dev.cpufreq.29.%driver: cpufreq
dev.cpufreq.29.%parent: cpu29
dev.cpufreq.30.%driver: cpufreq
dev.cpufreq.30.%parent: cpu30
dev.cpufreq.31.%driver: cpufreq
dev.cpufreq.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
dev.p4tcc.5.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.6.%desc: CPU Frequency Thermal Control
dev.p4tcc.6.%driver: p4tcc
dev.p4tcc.6.%parent: cpu6
dev.p4tcc.6.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.7.%desc: CPU Frequency Thermal Control
dev.p4tcc.7.%driver: p4tcc
dev.p4tcc.7.%parent: cpu7
dev.p4tcc.7.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.8.%desc: CPU Frequency Thermal Control
dev.p4tcc.8.%driver: p4tcc
dev.p4tcc.8.%parent: cpu8
dev.p4tcc.8.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.9.%desc: CPU Frequency Thermal Control
dev.p4tcc.9.%driver: p4tcc
dev.p4tcc.9.%parent: cpu9
dev.p4tcc.9.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.10.%desc: CPU Frequency Thermal Control
dev.p4tcc.10.%driver: p4tcc
dev.p4tcc.10.%parent: cpu10
dev.p4tcc.10.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.11.%desc: CPU Frequency Thermal Control
dev.p4tcc.11.%driver: p4tcc
dev.p4tcc.11.%parent: cpu11
dev.p4tcc.11.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.12.%desc: CPU Frequency Thermal Control
dev.p4tcc.12.%driver: p4tcc
dev.p4tcc.12.%parent: cpu12
dev.p4tcc.12.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.13.%desc: CPU Frequency Thermal Control
dev.p4tcc.13.%driver: p4tcc
dev.p4tcc.13.%parent: cpu13
dev.p4tcc.13.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.14.%desc: CPU Frequency Thermal Control
dev.p4tcc.14.%driver: p4tcc
dev.p4tcc.14.%parent: cpu14
dev.p4tcc.14.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.15.%desc: CPU Frequency Thermal Control

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dev.p4tcc.15.%driver: p4tcc
dev.p4tcc.15.%parent: cpu15
dev.p4tcc.15.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.16.%desc: CPU Frequency Thermal Control
dev.p4tcc.16.%driver: p4tcc
dev.p4tcc.16.%parent: cpu16
dev.p4tcc.16.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.17.%desc: CPU Frequency Thermal Control
dev.p4tcc.17.%driver: p4tcc
dev.p4tcc.17.%parent: cpu17
dev.p4tcc.17.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.18.%desc: CPU Frequency Thermal Control
dev.p4tcc.18.%driver: p4tcc
dev.p4tcc.18.%parent: cpu18
dev.p4tcc.18.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.19.%desc: CPU Frequency Thermal Control
dev.p4tcc.19.%driver: p4tcc
dev.p4tcc.19.%parent: cpu19
dev.p4tcc.19.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.20.%desc: CPU Frequency Thermal Control
dev.p4tcc.20.%driver: p4tcc
dev.p4tcc.20.%parent: cpu20
dev.p4tcc.20.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.21.%desc: CPU Frequency Thermal Control
dev.p4tcc.21.%driver: p4tcc
dev.p4tcc.21.%parent: cpu21
dev.p4tcc.21.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.22.%desc: CPU Frequency Thermal Control
dev.p4tcc.22.%driver: p4tcc
dev.p4tcc.22.%parent: cpu22
dev.p4tcc.22.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.23.%desc: CPU Frequency Thermal Control
dev.p4tcc.23.%driver: p4tcc
dev.p4tcc.23.%parent: cpu23
dev.p4tcc.23.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.24.%desc: CPU Frequency Thermal Control
dev.p4tcc.24.%driver: p4tcc
dev.p4tcc.24.%parent: cpu24
dev.p4tcc.24.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.25.%desc: CPU Frequency Thermal Control
dev.p4tcc.25.%driver: p4tcc
dev.p4tcc.25.%parent: cpu25
dev.p4tcc.25.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.26.%desc: CPU Frequency Thermal Control
dev.p4tcc.26.%driver: p4tcc
dev.p4tcc.26.%parent: cpu26
dev.p4tcc.26.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.27.%desc: CPU Frequency Thermal Control
dev.p4tcc.27.%driver: p4tcc
dev.p4tcc.27.%parent: cpu27
dev.p4tcc.27.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.28.%desc: CPU Frequency Thermal Control
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.%pnpinf: 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.%pnpinf: 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.%pnpinf: 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.%pnpinf: 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

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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="AAAA8888CCCC4" release=0x0100 mode=host intclass=0x08
intsubclass=0x06 intprotocol=0x50
dev.umass.0.%parent: uhub3
dev.umass.1.%desc: UFD 2.0 Silicon-Power16G, class 0/0, rev 2.00/1.00, 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=0x13fe product=0x4100 devclass=0x00 devsubclass=0x00 sernum="12090358056E600298333564202" release=0x0100 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
```

システム起動時メッセージ

```
Copyright (c) 1992-2014 The FreeBSD Project.
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FreeBSD is a registered trademark of The FreeBSD Foundation.
FreeBSD 10.0-STABLE #0 r262915: Sat Mar  8 03:13:32 UTC 2014
root@grind.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 (2900.07-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,PCDM,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 = 66635669504 (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
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
```

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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 0xcf8-0xcff 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 0xdddb8000-0xdddb8fff,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 0xdddb5000-0xdddb5fff,0xddd40000-0xddd4ffff,0xddd30000-0xddd3ffff 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 0xdddb2000-0xdddb2fff,0xddd10000-0xddd1ffff,0xddd00000-0xddd0ffff 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 0xdddb0000-0xdddbffff,0xddca0000-0xddcaffff,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 0xdddb8000-0xdddb8fff,0xddc70000-0xddc7ffff,0xddc60000-0xddc6ffff 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 0xdddb5000-0xdddb5fff,0xddc40000-0xddc4ffff,0xddc30000-0xddc3ffff 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 0xdddb2000-0xdddb2fff,0xddc10000-0xddc1ffff,0xddc00000-0xddc0ffff 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:1.78.77
> mem 0xdd800000-0xdd80ffff,0xdc800000-0xdc80ffff,0xdd810000-0xdd81ffff irq 42 at device 0.0 on pci3
bxe0: PCI BAR0 [10] memory allocated: 0xdd800000-0xdd80ffff (8388608) -> 0xfffff800dd000000
bxe0: PCI BAR2 [18] memory allocated: 0xdc800000-0xdc80ffff (8388608) -> 0xfffff800dc800000
bxe0: PCI BAR4 [20] memory allocated: 0xdd810000-0xdd81ffff (65536) -> 0xfffff800dd810000
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:1.78.77
> mem 0xdc800000-0xdc80ffff,0xdb800000-0xdb80ffff,0xdd800000-0xdd80ffff irq 45 at device 0.1 on pci3
bxe1: PCI BAR0 [10] memory allocated: 0xdc800000-0xdc80ffff (8388608) -> 0xfffff800dc000000
bxe1: PCI BAR2 [18] memory allocated: 0xdb800000-0xdb80ffff (8388608) -> 0xfffff800db800000
bxe1: PCI BAR4 [20] memory allocated: 0xdd800000-0xdd80ffff (65536) -> 0xfffff800dd800000
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)

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pci0: <base peripheral> at device 5.2 (no driver attached)
pcib5: <ACPI PCI-PCI bridge> irq 16 at device 17.0 on pci0
pci58: <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 0xdb50000-0xdb5ffff,0xdb40000-0xdb4ffff,0xdb30000-0xdb3ffff 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 0xdb20000-0xdb2ffff,0xdb10000-0xdb1ffff,0xdb00000-0xdb0ffff 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,0xdf000000-0xdf7ffff 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)
pci127: <base peripheral> at device 12.7 (no driver attached)
pci127: <base peripheral> at device 13.0 (no driver attached)
pci127: <base peripheral> at device 13.1 (no driver attached)
pci127: <base peripheral> at device 13.2 (no driver attached)
pci127: <base peripheral> at device 13.3 (no driver attached)
pci127: <base peripheral> at device 13.6 (no driver attached)
pci127: <base peripheral> at device 14.0 (no driver attached)
pci127: <dasp> at device 14.1 (no driver attached)
pci127: <base peripheral> at device 15.0 (no driver attached)
pci127: <base peripheral> at device 15.1 (no driver attached)
pci127: <base peripheral> at device 15.2 (no driver attached)
pci127: <base peripheral> at device 15.3 (no driver attached)
pci127: <base peripheral> at device 15.4 (no driver attached)
pci127: <base peripheral> at device 15.5 (no driver attached)
pci127: <base peripheral> at device 15.6 (no driver attached)
pci127: <base peripheral> at device 16.0 (no driver attached)
pci127: <base peripheral> at device 16.1 (no driver attached)
pci127: <base peripheral> at device 16.2 (no driver attached)
pci127: <base peripheral> at device 16.3 (no driver attached)
pci127: <base peripheral> at device 16.4 (no driver attached)
pci127: <base peripheral> at device 16.5 (no driver attached)
pci127: <base peripheral> at device 16.6 (no driver attached)
pci127: <base peripheral> at device 16.7 (no driver attached)
pci127: <base peripheral> at device 17.0 (no driver attached)
pci127: <base peripheral> at device 19.0 (no driver attached)
pci127: <dasp> at device 19.1 (no driver attached)
pci127: <dasp> at device 19.4 (no driver attached)
pci127: <dasp> at device 19.5 (no driver attached)
pci127: <base peripheral> at device 19.6 (no driver attached)
pcib10: <ACPI Host-PCI bridge> on acpi0
pci128: <ACPI PCI bus> on pcib10
pcib11: <ACPI PCI-PCI bridge> at device 0.0 on pci128
pci129: <ACPI PCI bus> on pcib11
pcib12: <ACPI PCI-PCI bridge> irq 16 at device 2.0 on pci128

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pci132: <ACPI PCI bus> on pcib12
pci128: <base peripheral> at device 4.0 (no driver attached)
pci128: <base peripheral> at device 4.1 (no driver attached)
pci128: <base peripheral> at device 4.2 (no driver attached)
pci128: <base peripheral> at device 4.3 (no driver attached)
pci128: <base peripheral> at device 4.4 (no driver attached)
pci128: <base peripheral> at device 4.5 (no driver attached)
pci128: <base peripheral> at device 4.6 (no driver attached)
pci128: <base peripheral> at device 4.7 (no driver attached)
pci128: <base peripheral> at device 5.0 (no driver attached)
pci128: <base peripheral> at device 5.2 (no driver attached)
pcib13: <ACPI Host-PCI bridge> on acpi0
pci255: <ACPI PCI bus> on pcib13
pci255: <base peripheral> at device 8.0 (no driver attached)
pci255: <base peripheral> at device 8.3 (no driver attached)
pci255: <base peripheral> at device 8.4 (no driver attached)
pci255: <base peripheral> at device 9.0 (no driver attached)
pci255: <base peripheral> at device 9.3 (no driver attached)
pci255: <base peripheral> at device 9.4 (no driver attached)
pci255: <base peripheral> at device 10.0 (no driver attached)
pci255: <base peripheral> at device 10.1 (no driver attached)
pci255: <base peripheral> at device 10.2 (no driver attached)
pci255: <base peripheral> at device 10.3 (no driver attached)
pci255: <base peripheral> at device 11.0 (no driver attached)
pci255: <base peripheral> at device 11.3 (no driver attached)
pci255: <base peripheral> at device 12.0 (no driver attached)
pci255: <base peripheral> at device 12.1 (no driver attached)
pci255: <base peripheral> at device 12.2 (no driver attached)
pci255: <base peripheral> at device 12.3 (no driver attached)
pci255: <base peripheral> at device 12.6 (no driver attached)
pci255: <base peripheral> at device 12.7 (no driver attached)
pci255: <base peripheral> at device 13.0 (no driver attached)
pci255: <base peripheral> at device 13.1 (no driver attached)
pci255: <base peripheral> at device 13.2 (no driver attached)
pci255: <base peripheral> at device 13.3 (no driver attached)
pci255: <base peripheral> at device 13.6 (no driver attached)
pci255: <base peripheral> at device 14.0 (no driver attached)
pci255: <dasp> at device 14.1 (no driver attached)
pci255: <base peripheral> at device 15.0 (no driver attached)
pci255: <base peripheral> at device 15.1 (no driver attached)
pci255: <base peripheral> at device 15.2 (no driver attached)
pci255: <base peripheral> at device 15.3 (no driver attached)
pci255: <base peripheral> at device 15.4 (no driver attached)
pci255: <base peripheral> at device 15.5 (no driver attached)
pci255: <base peripheral> at device 15.6 (no driver attached)
pci255: <base peripheral> at device 16.0 (no driver attached)
pci255: <base peripheral> at device 16.1 (no driver attached)
pci255: <base peripheral> at device 16.2 (no driver attached)
pci255: <base peripheral> at device 16.3 (no driver attached)
pci255: <base peripheral> at device 16.4 (no driver attached)
pci255: <base peripheral> at device 16.5 (no driver attached)
pci255: <base peripheral> at device 16.6 (no driver attached)
pci255: <base peripheral> at device 16.7 (no driver attached)
pci255: <base peripheral> at device 17.0 (no driver attached)
pci255: <base peripheral> at device 19.0 (no driver attached)
pci255: <dasp> at device 19.1 (no driver attached)
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

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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: 6866 (447912176s/0x0020/info) - Shutdown command received from host
mfi0: 6867 (boot + 4s/0x0020/info) - Firmware initialization started (PCI ID 005b/1000/9267/1000)
mfi0: 6868 (boot + 4s/0x0020/info) - Firmware version 3.140.75-1628
mfi0: 6869 (boot + 5s/0x0008/info) - Battery Present
mfi0: 6870 (boot + 5s/0x0008/info) - Battery Present
mfi0: 6871 (boot + 30s/0x0020/info) - Package version 23.1.1-0014
mfi0: 6872 (boot + 30s/0x0020/info) - Board Revision 03A
mfi0: 6873 (boot + 48s/0x0002/info) - Inserted: PD 08(e0xfc/s3)
mfi0: 6874 (boot + 48s/0x0002/info) - Inserted: PD 08(e0xfc/s3) Info: enclPd=fc, scsiType=0, portMap=00, sasAddr=500003942812a2ce,0000000000000000
mfi0: 6875 (boot + 48s/0x0002/info) - Inserted: PD 09(e0xfc/s2)
mfi0: 6876 (boot + 48s/0x0002/info) - Inserted: PD 09(e0xfc/s2) Info: enclPd=fc, scsiType=0, portMap=01, sasAddr=50000394282ae4e2,0000000000000000
mfi0: 6877 (boot + 48s/0x0002/info) - Inserted: PD 0a(e0xfc/s1)
mfi0: 6878 (boot + 48s/0x0002/info) - Inserted: PD 0a(e0xfc/s1) Info: enclPd=fc, scsiType=0, portMap=02, sasAddr=50000394380081b6,0000000000000000
mfi0: 6879 (boot + 48s/0x0002/info) - Inserted: PD 0b(e0xfc/s0)
mfi0: 6880 (boot + 48s/0x0002/info) - Inserted: PD 0b(e0xfc/s0) Info: enclPd=fc, scsiType=0, portMap=03, sasAddr=50000394282b215a,0000000000000000
mfi0: 6881 (447912244s/0x0020/info) - Time established as 03/12/14 4:04:04; (53 seconds since power on)
mfi0: 6882 (447912276s/0x0008/info) - Battery temperature is normal
mfi0: 6883 (447912276s/0x0008/WARN) - Battery requires reconditioning; please initiate a LEARN cycle
mfi0: 6884 (447912341s/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 #5 Launched!
SMP: AP CPU #28 Launched!
SMP: AP CPU #10 Launched!
SMP: AP CPU #1 Launched!
SMP: AP CPU #12 Launched!
SMP: AP CPU #21 Launched!
SMP: AP CPU #4 Launched!
SMP: AP CPU #23 Launched!
SMP: AP CPU #7 Launched!
SMP: AP CPU #24 Launched!
SMP: AP CPU #2 Launched!
SMP: AP CPU #20 Launched!
SMP: AP CPU #6 Launched!
SMP: AP CPU #22 Launched!
SMP: AP CPU #9 Launched!
SMP: AP CPU #26 Launched!
SMP: AP CPU #14 Launched!
SMP: AP CPU #18 Launched!
SMP: AP CPU #11 Launched!
SMP: AP CPU #30 Launched!
SMP: AP CPU #13 Launched!
SMP: AP CPU #17 Launched!
SMP: AP CPU #3 Launched!
SMP: AP CPU #27 Launched!
SMP: AP CPU #19 Launched!
SMP: AP CPU #31 Launched!
SMP: AP CPU #25 Launched!
SMP: AP CPU #8 Launched!
SMP: AP CPU #29 Launched!

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SMP: AP CPU #15 Launched!
Timecounter "TSC-low" frequency 1450034720 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
Trying to mount root from ufs:/dev/mfid0p2 [rw]...
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
da2: Attempt to query device size failed: NOT READY, Medium not present
da2: quirks=0x2<NO_6_BYTE>
ums0: <Mouse Interface> on usb1
ums0: 3 buttons and [Z] coordinates ID=0
```


カーネルデバイスツリー

```
nexus0
  apic0
  ram0
    I/O memory addresses:
      0x0-0x98fff
      0x100000-0x7cf37fff
      0x10000000-0x107ffffff
  acpi0
    Interrupt request lines:
      0x9
    I/O ports:
      0x10-0x1f
      0x22-0x3f
      0x44-0x5f
      0x62-0x63
      0x65-0x6f
      0x72-0x7f
      0x80
      0x84-0x86
      0x88
      0x8c-0x8e
      0x90-0x9f
      0xa2-0xbf
      0xe0-0xef
      0x400-0x453
      0x454-0x457
      0x458-0x47f
      0x4d0-0x4d1
      0x500-0x57f
      0xca4-0xca5
      0x1180-0x119f
    I/O memory addresses:
      0xdfffc000-0xdfffffff
      0xfbffe000-0xfbffffff
      0xfc000000-0xfcffffff
      0xfd000000-0xfdffffff
      0xfe000000-0xfeffffff
      0xfeb00000-0xfebffffff
      0xfec00000-0xfecffffff
      0xfed00400-0xfed3ffff
      0xfed40000-0xfed44fff
      0xfed45000-0xfedffffff
      0fee00000-0fee0ffff
      0xff000000-0xffffffff
  pci0
    I/O ports:
      0xcf8-0xcff
  pci0
  hostb0
  pci1
    I/O ports:
      0x8000-0x8fff
    I/O memory addresses:
      0xdfc00000-0xdfcfffff
  pci33
  mfi0
    Interrupt request lines:
      0x108
    pci1 I/O port window:
      0x8000-0x80ff
    pci1 memory window:
      0xdfc00000-0xdfc3ffff
      0xdfc60000-0xdfc63fff
  mfid0
  pci2
    I/O memory addresses:
      0xdd000000-0xddffffff
      0xdfb00000-0xdfbffffff
  pci37
  bge0
    Interrupt request lines:
      0x109
    pci2 prefetch window:
      0xdd90000-0xdd9ffff
      0xdda0000-0xddafffff
      0xddb0000-0xddbffff
    miibus0
    brgphy0
  bge1
    Interrupt request lines:
      0x10a
    pci2 prefetch window:
      0xdd60000-0xdd6ffff
      0xdd70000-0xdd7ffff
      0xdd80000-0xdd8ffff
    miibus1
    brgphy1
  bge2
    Interrupt request lines:
      0x10b
    pci2 prefetch window:
      0xdd30000-0xdd3ffff
      0xdd40000-0xdd4ffff
      0xdd50000-0xdd5ffff
    miibus2
    brgphy2
```

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bge3
  Interrupt request lines:
    0x10c
  pcib2 prefetch window:
    0xdd00000-0xdd0ffff
    0xdd10000-0xdd1ffff
    0xdd20000-0xdd2ffff
  miibus3
  brgphy3
pcib3
  I/O memory addresses:
    0xdc00000-0xdcffffff
    0xdfa00000-0xdfafffff
pci45
  bge4
    Interrupt request lines:
      0x10d
    pcib3 prefetch window:
      0xdc90000-0xdc9ffff
      0xddca0000-0xddcaffff
      0xddcb0000-0xddcbffff
    miibus4
    brgphy4
  bge5
    Interrupt request lines:
      0x10e
    pcib3 prefetch window:
      0xdc60000-0xdc6ffff
      0xdc70000-0xdc7ffff
      0xdc80000-0xdc8ffff
    miibus5
    brgphy5
  bge6
    Interrupt request lines:
      0x10f
    pcib3 prefetch window:
      0xdc30000-0xdc3ffff
      0xdc40000-0xdc4ffff
      0xdc50000-0xdc5ffff
    miibus6
    brgphy6
  bge7
    Interrupt request lines:
      0x110
    pcib3 prefetch window:
      0xdc00000-0xdc0ffff
      0xdc10000-0xdc1ffff
      0xdc20000-0xdc2ffff
    miibus7
    brgphy7
pcib4
  I/O memory addresses:
    0xdb800000-0xdb9fffff
    0xdf900000-0xdf9fffff
pci3
  bxe0
    Interrupt request lines:
      0x111
      0x112
      0x113
      0x114
      0x115
    pcib4 prefetch window:
      0xdc800000-0xdcffffff
      0xdd000000-0xdd7fffff
      0xdd810000-0xdd81ffff
  bxe1
    Interrupt request lines:
      0x116
      0x117
      0x118
      0x119
      0x11a
    pcib4 prefetch window:
      0xdb800000-0xdbffffff
      0xdc000000-0xdc7fffff
      0xdd800000-0xdd80ffff
ioapic0
  I/O memory addresses:
    0xdfd26000-0xdfd26fff
pcib5
  pci58
  ehci0
    Interrupt request lines:
      0x16
  I/O memory addresses:
    0xdfd23000-0xdfd233ff
usb0
  uhub0
  uhub2
  uhub4
  ukbd1
  umass1
pcib6
  I/O memory addresses:
    0xdb000000-0xdbffffff
pci2
  bge8
    Interrupt request lines:
      0x11b
    pcib6 prefetch window:
      0xdb300000-0xdb3ffff

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        0xddb40000-0xddb4ffff
        0xddb50000-0xddb5ffff
miibus8
brgphy8
bge9
    Interrupt request lines:
        0x11c
    pci6 prefetch window:
        0xddb00000-0xddb0ffff
        0xddb10000-0xddb1ffff
        0xddb20000-0xddb2ffff
miibus9
brgphy9
pci7
I/O memory addresses:
    0xde000000-0xdf8fffff
pci5
vgapci0
    pci7 memory window:
        0xde000000-0xdeffffff
        0xdf000000-0xdf7fffff
        0xdf810000-0xdf813fff
ehci1
    Interrupt request lines:
        0x17
    I/O memory addresses:
        0xdfd22000-0xdfd223ff
usb1
uhub1
uhub3
ukbd0
umass0
ums0
pci8
pci60
isab0
isa0
sc0
vga0
    I/O ports:
        0x3c0-0x3df
    I/O memory addresses:
        0xa0000-0xbffff
orm0
    I/O memory addresses:
        0xc0000-0xc7fff
        0xdf800-0xe27ff
atapci0
    Interrupt request lines:
        0x13
    I/O ports:
        0x9080-0x908f
        0x9090-0x909f
        0x90a0-0x90a3
        0x90b0-0x90b7
        0x90c0-0x90c3
        0x90d0-0x90d7
ata2
ata3
atapci1
    Interrupt request lines:
        0x13
    I/O ports:
        0x9020-0x902f
        0x9030-0x903f
        0x9040-0x9043
        0x9050-0x9057
        0x9060-0x9063
        0x9070-0x9077
ata4
ata5
acpi_sysresource0
acpi_sysresource1
acpi_sysresource2
uart0
    Interrupt request lines:
        0x4
    I/O ports:
        0x3f8-0x3ff
uart1
    Interrupt request lines:
        0x3
    I/O ports:
        0x2f8-0x2ff
atdma0
    DMA request lines:
        4
    I/O ports:
        0x0-0xf
        0x81-0x83
        0x87
        0x89-0x8b
        0x8f
        0xc0-0xdf
attimer0
    Interrupt request lines:
        0x0
    I/O ports:
        0x40-0x43
atrtc0
    Interrupt request lines:
        0x8

```

```

I/O ports:
  0x70-0x71
acpi_sysresource3
fpupnp0
  I/O ports:
    0xf0-0xff
acpi_sysresource4
acpi_sysresource5
acpi_sysresource6
hpet0
  Interrupt request lines:
    0x100
    0x101
    0x102
    0x103
    0x104
    0x105
    0x106
    0x107
  I/O memory addresses:
    0xfed00000-0xfed003ff
pci9
pci127
pci10
pci128
  pci11
  pci129
  pci12
  pci132
  ioapic1
  I/O memory addresses:
    0xfbf20000-0xfbf20fff
acpi_sysresource7
acpi_sysresource8
pci13
pci255
acpi_button0
pci_link0
pci_link1
pci_link2
pci_link3
pci_link4
pci_link5
pci_link6
pci_link7
acpi_sysresource9
cpu0
  ACPI I/O ports:
    0x415
  acpi_perf0
  est0
  p4tcc0
  cpufreq0
cpu1
  ACPI I/O ports:
    0x415
  acpi_perf1
  est1
  p4tcc1
  cpufreq1
cpu2
  ACPI I/O ports:
    0x415
  acpi_perf2
  est2
  p4tcc2
  cpufreq2
cpu3
  ACPI I/O ports:
    0x415
  acpi_perf3
  est3
  p4tcc3
  cpufreq3
cpu4
  ACPI I/O ports:
    0x415
  acpi_perf4
  est4
  p4tcc4
  cpufreq4
cpu5
  ACPI I/O ports:
    0x415
  acpi_perf5
  est5
  p4tcc5
  cpufreq5
cpu6
  ACPI I/O ports:
    0x415
  acpi_perf6
  est6
  p4tcc6
  cpufreq6
cpu7
  ACPI I/O ports:
    0x415
  acpi_perf7
  est7
  p4tcc7
  cpufreq7

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cpu8
ACPI I/O ports:
0x415
acpi_perf8
est8
p4tcc8
cpufreq8
cpu9
ACPI I/O ports:
0x415
acpi_perf9
est9
p4tcc9
cpufreq9
cpu10
ACPI I/O ports:
0x415
acpi_perf10
est10
p4tcc10
cpufreq10
cpu11
ACPI I/O ports:
0x415
acpi_perf11
est11
p4tcc11
cpufreq11
cpu12
ACPI I/O ports:
0x415
acpi_perf12
est12
p4tcc12
cpufreq12
cpu13
ACPI I/O ports:
0x415
acpi_perf13
est13
p4tcc13
cpufreq13
cpu14
ACPI I/O ports:
0x415
acpi_perf14
est14
p4tcc14
cpufreq14
cpu15
ACPI I/O ports:
0x415
acpi_perf15
est15
p4tcc15
cpufreq15
cpu16
ACPI I/O ports:
0x415
acpi_perf16
est16
p4tcc16
cpufreq16
cpu17
ACPI I/O ports:
0x415
acpi_perf17
est17
p4tcc17
cpufreq17
cpu18
ACPI I/O ports:
0x415
acpi_perf18
est18
p4tcc18
cpufreq18
cpu19
ACPI I/O ports:
0x415
acpi_perf19
est19
p4tcc19
cpufreq19
cpu20
ACPI I/O ports:
0x415
acpi_perf20
est20
p4tcc20
cpufreq20
cpu21
ACPI I/O ports:
0x415
acpi_perf21
est21
p4tcc21
cpufreq21
cpu22
ACPI I/O ports:
0x415
acpi_perf22

```
est22
p4tcc22
cpufreq22
cpu23
  ACPI I/O ports:
    0x415
  acpi_perf23
  est23
  p4tcc23
  cpufreq23
cpu24
  ACPI I/O ports:
    0x415
  acpi_perf24
  est24
  p4tcc24
  cpufreq24
cpu25
  ACPI I/O ports:
    0x415
  acpi_perf25
  est25
  p4tcc25
  cpufreq25
cpu26
  ACPI I/O ports:
    0x415
  acpi_perf26
  est26
  p4tcc26
  cpufreq26
cpu27
  ACPI I/O ports:
    0x415
  acpi_perf27
  est27
  p4tcc27
  cpufreq27
cpu28
  ACPI I/O ports:
    0x415
  acpi_perf28
  est28
  p4tcc28
  cpufreq28
cpu29
  ACPI I/O ports:
    0x415
  acpi_perf29
  est29
  p4tcc29
  cpufreq29
cpu30
  ACPI I/O ports:
    0x415
  acpi_perf30
  est30
  p4tcc30
  cpufreq30
cpu31
  ACPI I/O ports:
    0x415
  acpi_perf31
  est31
  p4tcc31
  cpufreq31
acpi_sysresource10
acpi_timer0
  ACPI I/O ports:
    0x408-0x40b
```

PCIバスデータ詳細一覧

```
hostb0@pci0:0:0:0:      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@pci0:0:1:0:      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@pci0:0:2:0:      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@pci0:0:3:0:      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@pci0:0:3:2:      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@pci0:0:4:0:      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@pci0:0:4:1:      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
none2@pci0:0:4:2:      class=0x088000 card=0x800f1bcf chip=0x3c228086 rev=0x07 hdr=0x00
vendor      = 'Intel Corporation'
device      = 'Xeon E5/Core i7 DMA Channel 2'
class       = base peripheral
```

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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'
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=0x0c3200 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

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pci07@pci0:0:28:4:      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@pci0:0:29:0:      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
pci08@pci0:0:30:0:      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@pci0:0:31:0:      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@pci0:0:31:2:     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@pci0:0:31:3:     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@pci0:0:31:5:     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@pci0:0:31:6:     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@pci0:33:0:0:       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
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

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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
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 000000255c3d9fa1
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 0017[230] = TPH Requester 1
bge6@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 000000255c3d9fa2
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

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ecap 0003[13c] = Serial 1 000000255c3d9fa3
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
bxel@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'
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@pci0:2:0:1: 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@pci0:5:0:0: 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@pci0:127:8:0: class=0x088000 card=0x800f1bcf chip=0x3c808086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link 0'
class = base peripheral
none15@pci0:127:8:3: class=0x088000 card=0x800f1bcf chip=0x3c838086 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@pci0:127:8:4: 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@pci0:127:9:0: 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@pci0:127:9:3: class=0x088000 card=0x800f1bcf chip=0x3c938086 rev=0x07 hdr=0x00

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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@pci0:127:9:4: 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@pci0:127:10:0: 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@pci0:127:10:1: 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@pci0:127:10:2: 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@pci0:127:10:3: 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@pci0:127:11:0: 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@pci0:127:11:3: 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
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

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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'
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@pci0:127:16:1: 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@pci0:127:16:2: 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@pci0:127:16:3: 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@pci0:127:16:4: 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@pci0:127:16:5: 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@pci0:127:16:6: 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@pci0:127:16:7: 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@pci0:127:17:0: class=0x088000 card=0x800f1bcf chip=0x3cb88086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 DDRIO'
class = base peripheral
none55@pci0:127:19:0: class=0x088000 card=0x800f1bcf chip=0x3ce48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 R2PCIE'
class = base peripheral
none56@pci0:127:19:1: 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@pci0:127:19:4: 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@pci0:127:19:5: 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@pci0:127:19:6: 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@pci0:128:0:0: 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@pci0:128:2:0: 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

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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
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 4
none60@pci0:128:4:0: 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@pci0:128:4:1: 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@pci0:128:4:2: 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@pci0:128:4:3: 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@pci0:128:4:4: 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@pci0:128:4:5: 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@pci0:128:4:6: 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@pci0:128:4:7: 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@pci0:128:5:0: 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@pci0:128:5:2: 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)
ioapic1@pci0:128:5:4: 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@pci0:255:8:0: 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@pci0:255:8:3: class=0x088000 card=0x800f1bcf chip=0x3c838086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 QPI Link Reut 0'
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

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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=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)
none96@pci0:255:15:1: class=0x088000 card=0x800f1bcf chip=0x3c718086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'

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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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci: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@pci:255:19:0: class=0x088000 card=0x800f1bcf chip=0x3ce48086 rev=0x07 hdr=0x00
vendor = 'Intel Corporation'
device = 'Xeon E5/Core i7 R2PCIE'
class = base peripheral
none112@pci: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@pci: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@pci: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@pci: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=0x7f7a2f80, 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_ALARM=13, MON_ALARM=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
Flags={ENABLED}
APIC ID=6
Type=Local APIC
ACPI CPU=8
Flags={ENABLED}
APIC ID=8
Type=Local APIC
ACPI CPU=10
Flags={ENABLED}
APIC ID=10
Type=Local APIC
ACPI CPU=12
Flags={ENABLED}
APIC ID=12
Type=Local APIC
ACPI CPU=14
Flags={ENABLED}
APIC ID=14
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}
APIC ID=44
Type=Local APIC
ACPI CPU=30
Flags={ENABLED}
APIC ID=46
Type=Local APIC
ACPI CPU=1
Flags={ENABLED}
APIC ID=1
Type=Local APIC
ACPI CPU=3
Flags={ENABLED}
APIC ID=3
Type=Local APIC
ACPI CPU=5
Flags={ENABLED}
APIC ID=5
Type=Local APIC
ACPI CPU=7
Flags={ENABLED}
APIC ID=7
Type=Local APIC
ACPI CPU=9
Flags={ENABLED}
APIC ID=9
Type=Local APIC
ACPI CPU=11
Flags={ENABLED}
APIC ID=11
Type=Local APIC
ACPI CPU=13
Flags={ENABLED}
APIC ID=13
Type=Local APIC
ACPI CPU=15
Flags={ENABLED}
APIC ID=15
Type=Local APIC
ACPI CPU=17
Flags={ENABLED}
APIC ID=33
Type=Local APIC
ACPI CPU=19
Flags={ENABLED}
APIC ID=35
Type=Local APIC
ACPI CPU=21
Flags={ENABLED}
APIC ID=37
Type=Local APIC
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}
Type=Local APIC NMI
ACPI CPU=20
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=22
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=24
LINT Pin=1
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
ACPI CPU=30
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=1
LINT Pin=1
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=5
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}
Type=Local APIC NMI
ACPI CPU=23
LINT Pin=1

```

```

Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=25
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=27
LINT Pin=1
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}
MCFG: Length=60, Revision=1, Checksum=76,
OEMID=ALASKA, OEM Table ID=0EMMCFG., 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
Type=CPU
Flags={ENABLED}
APIC ID=3
Proximity Domain=0
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}
APIC ID=9
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=10
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=11
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=12
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=13
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=14
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=15
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=32
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=33
Proximity Domain=1
Type=CPU
Flags={ENABLED}

```



```

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=0xdffc000
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=0xfbf0000
ProximityDomain=0x00000001
Type=RHSA
Length=20
BaseAddress=0xdffc000
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, TSO4, 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, TSO4, 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, TSO4, 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, TSO4, 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, TSO4, 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, TSO4, 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, TSO4, 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, TSO4, 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, TSO4, TSO6, 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, TSO4, TSO6, 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, TSO4, 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, TSO4, 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	9 root	wheel	512 Mar 12 13:06 /dev
98	0 lrwxr-xr-x	1 root	wheel	12 Mar 12 04:06 /dev/log -> /var/run/log
122	0 lrwxr-xr-x	1 root	wheel	12 Mar 12 13:06 /dev/dumpdev -> /dev/mfid0p3
3	0 cr--r--r--	1 root	wheel	0x3 Mar 12 04:06 /dev/sndstat
4	0 crw-r-----	1 root	operator	0x4 Mar 12 04:06 /dev/geom.ctl
5	0 crw-----	1 root	wheel	0x5 Mar 12 04:06 /dev/devctl
6	0 crw-----	1 root	wheel	0x6 Mar 12 04:08 /dev/console
7	0 crw-----	1 root	wheel	0x7 Mar 12 04:06 /dev/kbdmux0
8	0 lrwxr-xr-x	1 root	wheel	7 Mar 12 04:06 /dev/kbd1 -> kbdmux0
9	0 crw-rw-rw-	1 root	wheel	0x9 Mar 12 04:06 /dev/tty
10	0 crw-r-----	1 root	kmem	0xa Mar 12 04:06 /dev/mem
11	0 crw-r-----	1 root	kmem	0xb Mar 12 04:06 /dev/kmem
12	0 crw-----	1 root	wheel	0xc Mar 12 04:06 /dev/fido
13	0 crw-----	1 root	wheel	0xd Mar 12 04:06 /dev/bpf
14	0 lrwxr-xr-x	1 root	wheel	3 Mar 12 04:06 /dev/bpf0 -> bpf
15	0 crw-rw-rw-	1 root	wheel	0xf Mar 12 04:06 /dev/null
16	0 crw-rw-rw-	1 root	wheel	0x10 Mar 12 04:06 /dev/zero
17	0 crw-r--r--	1 root	wheel	0x11 Mar 12 04:06 /dev/pci
18	0 crw-----	1 root	kmem	0x12 Mar 12 04:06 /dev/nfslock
19	0 crw-----	1 root	kmem	0x13 Mar 12 04:06 /dev/audit
20	0 crw-rw-rw-	1 root	wheel	0x14 Mar 12 13:06 /dev/random
21	0 lrwxr-xr-x	1 root	wheel	6 Mar 12 04:06 /dev/urandom -> random
114	1 dr-xr-xr-x	2 root	wheel	512 Mar 12 04:06 /dev/fd
22	0 crw-rw-rw-	1 root	wheel	0x16 Mar 12 04:06 /dev/fd/0
24	0 crw-rw-rw-	1 root	wheel	0x18 Mar 12 04:06 /dev/fd/1
26	0 crw-rw-rw-	1 root	wheel	0x1a Mar 12 04:06 /dev/fd/2
23	0 lrwxr-xr-x	1 root	wheel	4 Mar 12 04:06 /dev/stdin -> fd/0
25	0 lrwxr-xr-x	1 root	wheel	4 Mar 12 04:06 /dev/stdout -> fd/1
27	0 lrwxr-xr-x	1 root	wheel	4 Mar 12 04:06 /dev/stderr -> fd/2
28	0 crw-----	1 root	wheel	0x1c Mar 12 04:06 /dev/io
29	0 crw-rw-rw-	1 root	wheel	0x1d Mar 12 04:06 /dev/midstat
30	0 crw-----	1 root	wheel	0x1e Mar 12 04:06 /dev/synapse
31	0 crw-----	1 root	wheel	0x1f Mar 12 04:06 /dev/klog
32	0 crw-r--r--	1 root	wheel	0x20 Mar 12 04:06 /dev/acpi
33	0 crw-rw-rw-	1 root	operator	0x21 Mar 12 04:06 /dev/apmctl
34	0 crw-rw-rw-	1 root	operator	0x22 Mar 12 04:06 /dev/apm
35	0 crw-r-----	1 root	operator	0x23 Mar 12 04:06 /dev/mfi0
36	0 lrwxr-xr-x	1 root	wheel	4 Mar 12 04:06 /dev/megaraid_sas_ioctl_node -> mfi0
37	0 crw-----	1 root	wheel	0x25 Mar 12 04:06 /dev/ttyu0
38	0 crw-----	1 root	wheel	0x26 Mar 12 04:06 /dev/ttyu0.init
39	0 crw-----	1 root	wheel	0x27 Mar 12 04:06 /dev/ttyu0.lock
40	0 crw-rw-rw-	1 uucp	dialer	0x28 Mar 12 04:06 /dev/cua0
41	0 crw-rw-rw-	1 uucp	dialer	0x29 Mar 12 04:06 /dev/cua0.init
42	0 crw-rw-rw-	1 uucp	dialer	0x2a Mar 12 04:06 /dev/cua0.lock
43	0 crw-----	1 root	wheel	0x2b Mar 12 04:06 /dev/tty1
44	0 crw-----	1 root	wheel	0x2c Mar 12 04:06 /dev/tty1.init
45	0 crw-----	1 root	wheel	0x2d Mar 12 04:06 /dev/tty1.lock
46	0 crw-rw-rw-	1 uucp	dialer	0x2e Mar 12 04:06 /dev/cua1
47	0 crw-rw-rw-	1 uucp	dialer	0x2f Mar 12 04:06 /dev/cua1.init
48	0 crw-rw-rw-	1 uucp	dialer	0x30 Mar 12 04:06 /dev/cua1.lock
49	0 crw-----	1 root	tty	0x31 Mar 12 04:09 /dev/ttyv0
50	0 crw-----	1 root	wheel	0x32 Mar 12 04:06 /dev/ttyv1
51	0 crw-----	1 root	wheel	0x33 Mar 12 04:06 /dev/ttyv2
52	0 crw-----	1 root	wheel	0x34 Mar 12 04:06 /dev/ttyv3
53	0 crw-----	1 root	wheel	0x35 Mar 12 04:06 /dev/ttyv4
54	0 crw-----	1 root	wheel	0x36 Mar 12 04:06 /dev/ttyv5
55	0 crw-----	1 root	wheel	0x37 Mar 12 04:06 /dev/ttyv6
56	0 crw-----	1 root	wheel	0x38 Mar 12 04:06 /dev/ttyv7
57	0 crw-----	1 root	wheel	0x39 Mar 12 04:06 /dev/ttyv8
58	0 crw-----	1 root	wheel	0x3a Mar 12 04:06 /dev/ttyv9
59	0 crw-----	1 root	wheel	0x3b Mar 12 04:06 /dev/ttyva
60	0 crw-----	1 root	wheel	0x3c Mar 12 04:06 /dev/ttyvb
61	0 crw-----	1 root	wheel	0x3d Mar 12 04:06 /dev/ttyvc
62	0 crw-----	1 root	wheel	0x3e Mar 12 04:06 /dev/ttyvd
63	0 crw-----	1 root	wheel	0x3f Mar 12 04:06 /dev/ttyve
64	0 crw-----	1 root	wheel	0x40 Mar 12 04:06 /dev/ttyvf
65	0 crw-----	1 root	wheel	0x41 Mar 12 04:06 /dev/conslectl
66	0 crw-----	1 root	wheel	0x42 Mar 12 04:06 /dev/ufssuspend
68	0 crw-r--r--	1 root	operator	0x44 Mar 12 04:06 /dev/usbctl
69	0 crw-----	1 root	operator	0x45 Mar 12 04:06 /dev/xpt0
70	0 crw-----	1 root	wheel	0x46 Mar 12 04:06 /dev/mdctl
115	1 dr-xr-xr-x	2 root	wheel	512 Mar 12 04:06 /dev/usb
71	0 crw-----	1 root	operator	0x47 Mar 12 04:06 /dev/usb/0.1.0
73	0 crw-----	1 root	operator	0x49 Mar 12 04:06 /dev/usb/1.1.0
75	0 crw-----	1 root	operator	0x4b Mar 12 04:06 /dev/usb/0.1.1
76	0 crw-----	1 root	operator	0x4c Mar 12 04:06 /dev/usb/1.1.1
78	0 crw-----	1 root	operator	0x4e Mar 12 04:06 /dev/usb/0.2.0
80	0 crw-----	1 root	operator	0x50 Mar 12 04:06 /dev/usb/1.2.0
82	0 crw-----	1 root	operator	0x52 Mar 12 04:06 /dev/usb/0.2.1
83	0 crw-----	1 root	operator	0x53 Mar 12 04:06 /dev/usb/1.2.1
84	0 crw-----	1 root	operator	0x54 Mar 12 04:06 /dev/usb/0.3.0
86	0 crw-----	1 root	operator	0x56 Mar 12 04:06 /dev/usb/0.3.1
87	0 crw-----	1 root	operator	0x57 Mar 12 04:06 /dev/usb/1.3.0
89	0 crw-----	1 root	operator	0x59 Mar 12 04:06 /dev/usb/1.3.1
90	0 crw-----	1 root	operator	0x5a Mar 12 04:06 /dev/usb/1.3.2
105	0 crw-----	1 root	operator	0x69 Mar 12 04:06 /dev/usb/1.4.0
107	0 crw-----	1 root	operator	0x6b Mar 12 04:06 /dev/usb/1.4.3
108	0 crw-----	1 root	operator	0x6c Mar 12 04:06 /dev/usb/1.4.4
109	0 crw-----	1 root	operator	0x6d Mar 12 04:06 /dev/usb/0.4.0
111	0 crw-----	1 root	operator	0x6f Mar 12 04:06 /dev/usb/0.4.1
99	0 crw-----	1 root	operator	0x63 Mar 12 04:08 /dev/usb/0.5.0
102	0 crw-----	1 root	operator	0x66 Mar 12 04:08 /dev/usb/0.5.1
103	0 crw-----	1 root	operator	0x67 Mar 12 04:08 /dev/usb/0.5.2
72	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06 /dev/ugen0.1 -> usb/0.1.0
74	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06 /dev/ugen1.1 -> usb/1.1.0
77	0 cr-----	1 root	wheel	0x4d Mar 12 04:06 /dev/devstat

79	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06	/dev/ugen0.2 -> usb/0.2.0
81	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06	/dev/ugen1.2 -> usb/1.2.0
85	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06	/dev/ugen0.3 -> usb/0.3.0
88	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06	/dev/ugen1.3 -> usb/1.3.0
91	0 crw-----	1 root	wheel	0x5b Mar 12 04:06	/dev/ukbd0
92	0 lrwxr-xr-x	1 root	wheel	5 Mar 12 04:06	/dev/ukbd0 -> ukbd0
93	0 crw-r-----	1 root	operator	0x5d Mar 12 04:06	/dev/mfid0
95	0 crw-r-----	1 root	operator	0x5f Mar 12 04:06	/dev/mfid0p1
96	0 crw-r-----	1 root	operator	0x60 Mar 12 13:06	/dev/mfid0p2
97	0 crw-r-----	1 root	operator	0x61 Mar 12 13:06	/dev/mfid0p3
117	1 dr-xr-xr-x	2 root	wheel	512 Mar 12 04:06	/dev/gptid
101	0 crw-r-----	1 root	operator	0x65 Mar 12 04:06	/dev/gptid/e5e58f5a-a99a-11e3-932d-
00255c3da56c					
106	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06	/dev/ugen1.4 -> usb/1.4.0
110	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:06	/dev/ugen0.4 -> usb/0.4.0
112	0 crw-----	1 root	wheel	0x70 Mar 12 04:06	/dev/ukbd1
113	0 lrwxr-xr-x	1 root	wheel	5 Mar 12 04:06	/dev/ukbd2 -> ukbd1
119	0 crw-----	1 root	operator	0x77 Mar 12 04:06	/dev/pass0
118	0 crw-----	1 root	operator	0x76 Mar 12 13:06	/dev/pass1
120	0 crw-----	1 root	operator	0x78 Mar 12 13:06	/dev/pass2
121	0 crw-----	1 root	operator	0x79 Mar 12 13:06	/dev/pass3
123	0 crw-r-----	1 root	operator	0x7b Mar 12 13:06	/dev/cd0
124	0 crw-r-----	1 root	operator	0x7c Mar 12 13:06	/dev/da0
125	0 crw-r-----	1 root	operator	0x7d Mar 12 13:06	/dev/da1
126	0 crw-r-----	1 root	operator	0x7e Mar 12 13:06	/dev/da2
94	0 crw-r--r--	1 root	operator	0x5e Mar 12 04:06	/dev/ums0
100	0 lrwxr-xr-x	1 root	wheel	9 Mar 12 04:08	/dev/ugen0.5 -> usb/0.5.0
104	0 crw-----	1 root	operator	0x68 Mar 12 04:08	/dev/pass4
116	0 crw-r-----	1 root	operator	0x74 Mar 12 04:08	/dev/da3

更新履歷

更新履歴

- 2014年04月19日 FreeBSD動作検証レポート2014年3月12日版作成

FreeBSD動作検証レポート

R120d-2M / 10.0-STABLE

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-STABLE #0 r262915: Sat Mar 8 03:13:32 UTC
2014

2014年3月12日版

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