

FreeBSD動作検証レポート

T110h-S / 9.3-RELEASE

対象ハードウェア

maker:NEC, product:Express5800/T110h-S
[N8100-2301Y], serial:6200112, version:FR1.1

対象OSバージョン

FreeBSD 9.3-RELEASE

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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	a31488c6-db45-11e5-8001-408d5ca9e535
製品データ	maker:NEC, product:Express5800/T110h-S [N8100-2301Y], serial:6200112, version:FR1.1
筐体データ	maker:NEC, serial:04, tag:_____, version:856-061964-001
CPU	Intel(R) Xeon(R) CPU E3-1230 v5 @ 3.40GHz
MEMORY	16777216[KB]
BIOS	reldate:12/21/2015, vendor:American Megatrends Inc., version:5.0.0008
ACPI	oem:AMI , revision:2, rsdp:0x000f05b0, rsdt:0x75778028, xsdt:0x0000000075778080

動作検証要約

lwayアーキテクチャ

検証対象バージョンのFreeBSD(FreeBSD 9.3-RELEASE #0 r268512: Thu Jul 10 23:44:39 UTC 2014)は、検証対象ハードウェア「maker:NEC, product:Express5800/T110h-S [N8100-2301Y], serial:6200112, version:FR1.1」を適切に扱うことができない。

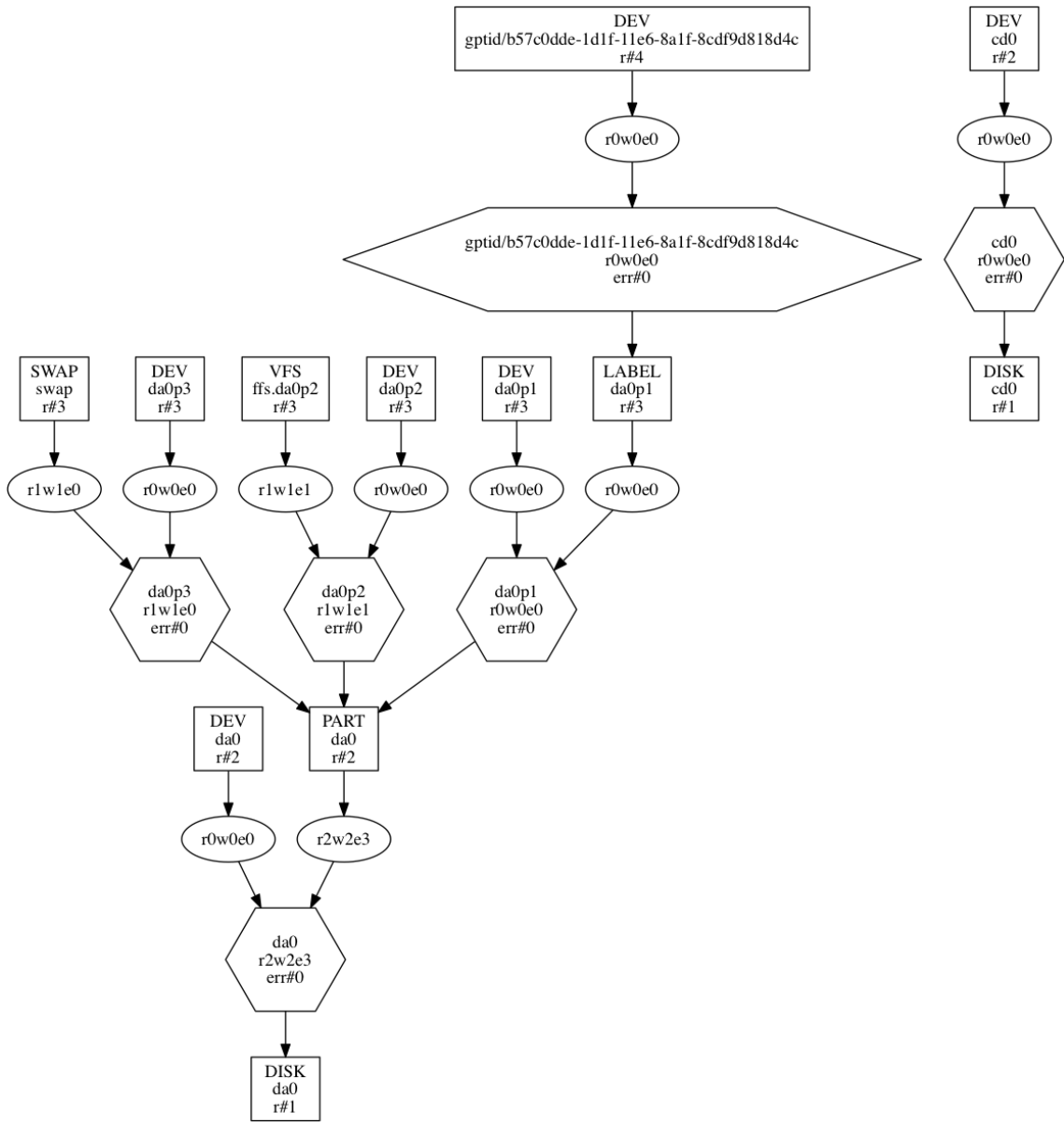
搭載されているLSI MegaRAID SAS 9362-8iをmfi(4)デバイスドライバで認識はするが、挙動が不安定のためmrsas(4)デバイスドライバを使用するよう変更する必要がある。mrsas(4)を利用するにはカーネルの再構築を行う必要がある。

検証対象バージョンのFreeBSD(FreeBSD 9.3-RELEASE #0 r268512: Thu Jul 10 23:44:39 UTC 2014)は、検証対象ハードウェア「maker:NEC, product:Express5800/T110h-S [N8100-2301Y], serial:6200112, version:FR1.1」においてUSBデバイスを適切に扱うことができない。maker:NEC, product:Express5800/T110h-S [N8100-2301Y], serial:6200112, version:FR1.1にはPS/2コネクタがないため、USBキーボードによる操作を行う必要があるが、USBデバイスの扱いがうまくいかないため操作できない。

検証対象バージョンのFreeBSD(FreeBSD 9.3-RELEASE #0 r268512: Thu Jul 10 23:44:39 UTC 2014)は、検証対象ハードウェア「maker:NEC, product:Express5800/T110h-S [N8100-2301Y], serial:6200112, version:FR1.1」においてNICとしてbge(4)デバイスドライバで認識はされるが、ネットワークを適切に行うことができない。

検証対象ハードウェア「maker:NEC, product:Express5800/T110h-S [N8100-2301Y], serial:6200112, version:FR1.1」は、FreeBSD 10.1-RELEASE、FreeBSD 10.2-RELEASE、FreeBSD 10.3-RELEASEでは問題なく扱えるため、同ハードウェアでFreeBSDを利用したい場合は、これらバージョンを利用することが推奨される。以降の検証機GEOMツリー、動作検証レポート、詳細データはFreeBSD 10.1-RELEASEより取得した情報となっている。

検証機GEOMツリー



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=AMI, OEM_Table ID=0707, 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=AMI., Creator_Revision=0x0
ACPI_DMAR	Revision=1, OEMID=INTEL, OEM_Table ID=SKL, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x1
ACPI_DSDT	Revision=2, OEMID=AMI, OEM_Table ID=0707, OEM_Revision=0x1072009, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_FACP	Revision=5, OEMID=AMI, OEM_Table ID=0707, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013, FACS=0x75f48f80, DSDT=0x75778198, SMI_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0, FLUSH_STRIDE=16, DUTY_WIDTH=0
ACPI_FACS	HwSig=0x9b26372b, Firm_Wake_Vec=0x00000000
ACPI_FIDT	Length=156, Revision=1, Checksum=81, OEMID=AMI, OEM_Table ID=0707, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_HPET	Revision=1, OEMID=AMI, OEM_Table ID=0707, OEM_Revision=0x1072009, Creator_ID=AMI., Creator_Revision=0x5000b
ACPI_MCFG	Revision=1, OEMID=AMI, OEM_Table ID=0707, OEM_Revision=0x1072009, Creator_ID=MSFT, Creator_Revision=0x97
ACPI_RSD_PTR	OEM=AMI, ACPI_Rev=2.0x_(2), XSDT=0x75778080
ACPI_XSDT	Revision=1, OEMID=AMI, OEM_Table ID=0707, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_SSDT_1	Length=877, Revision=1, Checksum=58, OEMID=SataRe, OEM_Table ID=SataTabl, OEM_Revision=0x1000, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_2	Length=8099, Revision=2, Checksum=2, OEMID=SaSsd, OEM_Table ID=SaSsd, OEM_Revision=0x3000, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_3	Length=3672, Revision=2, Checksum=241, OEMID=CpuRef, OEM_Table ID=CpuSsd, OEM_Revision=0x3000, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_4	Length=869, Revision=2, Checksum=252, OEMID=PmRef, OEM_Table ID=Cpu0Tst, OEM_Revision=0x3000, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_5	Length=959, Revision=2, Checksum=69, OEMID=PmRef, OEM_Table ID=ApTst, OEM_Revision=0x3000, Creator_ID=INTL, Creator_Revision=0x20120913

MFIデバイス認識データ

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

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

MPTデバイス認識データ

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

※ 対象となるデバイスがmp(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, 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=8c:df:9d:81:8d:4c, 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=8c:df:9d:81:8d:4d, 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=8c:df:9d:81:8d:4e, 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=8c:df:9d:81:8d:4f, 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=8c:df:9d:81:8d:40, 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=8c:df:9d:81:8d:41, 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=8c:df:9d:81:8d:42, 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=8c:df:9d:81:8d:43, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect
bge8	flags=8843<UP, BROADCAST, RUNNING, SIMPLEX, MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=40:8d:5c:a9:e5:33, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (none), status=no carrier
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=40:8d:5c:a9:e5:34, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect

カーネルデバイス認識データ

acpi	apm	apmctl	atkbd0
audit	bpf	bpf0(bpf)	cd0
console	consolectl	ctty	cuau0
cuau0.init	cuau0.lock	cuau1	cuau1.init
cuau1.lock	da0	da0p1	da0p2
da0p3	devctl	devstat	dumpdev(da0p3)
fd	fd/0	fd/1	fd/2
fido	geom.ctl	gptid	gptid/b57c0dde-1d1f-11e6-8a1f-8cdf9d818d4c
io	kbd0(atkbd0)	kbd1(kbdmux0)	kbd2(ukbd0)
kbd3(ukbd1)	kbdmux0	klog	kmem
led	led/ahci0.0.fault	led/ahci0.0.locate	led/ahci0.1.fault
led/ahci0.1.locate	led/ahci0.2.fault	led/ahci0.2.locate	led/ahci0.3.fault

led/ahci0.3.locate	led/ahci0.4.fault	led/ahci0.4.locate	log(/var/run/log)
mdctl	mem	midistat	mrsas0
nfslock	null	pass0	pass1
pass2	pci	random	ses0
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)
ukbd0	ukbd1	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/0.4.2	usbctl	xpt0	zero

PCI認識データ

1	pci0:0:0:0(hostb0), class=HOST-PCI, vendor='Intel Corporation', device=
2	pci0:0:1:0(pcib1), class=PCI-PCI, vendor='Intel Corporation', device=
3	pci0:0:20:0(xhci0), class=USB, vendor='Intel Corporation', device=
4	pci0:0:20:2(none0), class=dasp, vendor='Intel Corporation', device=
5	pci0:0:22:0(none1), class=simple comms, vendor='Intel Corporation', device=
6	pci0:0:22:1(none2), class=simple comms, vendor='Intel Corporation', device=
7	pci0:0:23:0(ahci0), class=SATA, vendor='Intel Corporation', device=
8	pci0:0:27:0(pcib2), class=PCI-PCI, vendor='Intel Corporation', device=
9	pci0:0:27:3(pcib3), class=PCI-PCI, vendor='Intel Corporation', device=
10	pci0:0:28:0(pcib4), class=PCI-PCI, vendor='Intel Corporation', device=
11	pci0:0:28:3(pcib5), class=PCI-PCI, vendor='Intel Corporation', device=
12	pci0:0:28:4(pcib6), class=PCI-PCI, vendor='Intel Corporation', device=
13	pci0:0:29:0(pcib7), class=PCI-PCI, vendor='Intel Corporation', device=
14	pci0:0:31:0(isab0), class=PCI-ISA, vendor='Intel Corporation', device=
15	pci0:0:31:2(none3), class=memory, vendor='Intel Corporation', device=
16	pci0:0:31:4(none4), class=SMBus, vendor='Intel Corporation', device=
17	pci0:48:0:0(bge0), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
18	pci0:48:0:1(bge1), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
19	pci0:48:0:2(bge2), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
20	pci0:48:0:3(bge3), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
21	pci0:95:0:0(vgapci0), class=VGA, vendor='Matrox Electronics Systems Ltd.', device='MGA G200e [Pilot] ServerEngines (SEP1)'
22	pci0:96:0:0(bge4), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
23	pci0:96:0:1(bge5), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
24	pci0:96:0:2(bge6), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
25	pci0:96:0:3(bge7), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5719 Gigabit Ethernet PCIe'
26	pci0:143:0:0(bge8), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5720 Gigabit Ethernet PCIe'
27	pci0:143:0:1(bge9), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5720 Gigabit Ethernet PCIe'
28	pci0:144:0:0(mrsas0), class=RAID, vendor='LSI Logic / Symbios Logic', device='MegaRAID SAS-3 3108 [Invader]'

メモリ認識データ

1	0x0/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
2	0x10000/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
3	0x20000/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
4	0x30000/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
5	0x40000/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
6	0x50000/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
7	0x60000/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
8	0x70000/0x10000 BIOS write-back fixed-base fixed-length set-by-firmware active
9	0x80000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
10	0x84000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
11	0x88000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
12	0x8c000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
13	0x90000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
14	0x94000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
15	0x98000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
16	0x9c000/0x4000 BIOS write-back fixed-base fixed-length set-by-firmware active
17	0xa0000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
18	0xa4000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
19	0xa8000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
20	0xac000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
21	0xb0000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
22	0xb4000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
23	0xb8000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
24	0xbc000/0x4000 BIOS uncacheable fixed-base fixed-length set-by-firmware active
25	0xc0000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
26	0xc1000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
27	0xc2000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
28	0xc3000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
29	0xc4000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
30	0xc5000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
31	0xc6000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
32	0xc7000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
33	0xc8000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
34	0xc9000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
35	0xca000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
36	0xcb000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
37	0xcc000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
38	0xcd000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
39	0xce000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
40	0xcf000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active

83	0xfa000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
84	0xfb000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
85	0xfc000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
86	0xfd000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
87	0xfe000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
88	0xff000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
89	0x80000000/0x80000000 BIOS uncacheable set-by-firmware active
90	0x7c000000/0x40000000 BIOS uncacheable set-by-firmware active
91	0x7a000000/0x20000000 BIOS uncacheable set-by-firmware active
92	0x79000000/0x10000000 BIOS uncacheable set-by-firmware active
93	0x78800000/0x80000000 BIOS uncacheable set-by-firmware active

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"
comconsole_pcidv=""
comconsole_port="1016"
comconsole_speed="9600"
console="vidconsole"
currdev="disk0p2:"
hint.acpi.0.oem="AMI"
hint.acpi.0.revision="2"
hint.acpi.0.rsdv="0x000f05b0"
hint.acpi.0.rsdt="0x75778028"
hint.acpi.0.xsdt="0x0000000075778080"
hint.acpi.0.xsdt_length="36"
hint.atkbd.0.at="atkbd"
hint.atkbd.0.irq="1"
hint.atkbd.0.at="isa"
hint.atkbd.0.port="0x060"
hint.atrtc.0.at="isa"
hint.atrtc.0.irq="8"
hint.atrtc.0.port="0x70"
hint.attimer.0.at="isa"
hint.attimer.0.irq="0"
hint.attimer.0.port="0x40"
hint.fd.0.at="fdc0"
hint.fd.0.drive="0"
hint.fd.1.at="fdc0"
hint.fd.1.drive="1"
hint.fdc.0.at="isa"
hint.fdc.0.drq="2"
hint.fdc.0.irq="6"
hint.fdc.0.port="0x3F0"
hint.ppc.0.at="isa"
hint.ppc.0.irq="7"
hint.psm.0.at="atkbd"
hint.psm.0.irq="12"
hint.sc.0.at="isa"
hint.sc.0.flags="0x100"
hint.uart.0.at="isa"
hint.uart.0.flags="0x10"
hint.uart.0.irq="4"
hint.uart.0.port="0x3F8"
hint.uart.1.at="isa"
hint.uart.1.irq="3"
hint.uart.1.port="0x2F8"
hint.wbwd.0.at="isa"
hw.mfi.mrsas_enable="1"
interpret="OK"
kernel="kernel"
kernel[0]="kernel"
kernel[1]="kernel.old"
kernel_options=""
kernelname="/boot/kernel/kernel"
loaddev="disk0p2:"
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="12/21/2015"
smbios.bios.vendor="American Megatrends Inc."
smbios.bios.version="5.0.0008"
smbios.chassis.maker="NEC"
smbios.chassis.serial="04"
smbios.chassis.tag="-----"
smbios.chassis.version="856-061964-001"
smbios.memory.enabled="1677216"
smbios.planar.maker="GIGABYTE"
smbios.planar.product="GA-6KASV3-NJ"
smbios.planar.serial="0FHC51500200"
smbios.planar.version="1.0C"
smbios.socket.enabled="1"
smbios.socket.populated="1"
smbios.system.maker="NEC"
smbios.system.product="Express5800/T110h-S [N8100-2301Y]"
smbios.system.serial="6200112"
smbios.system.uuid="a31488c6-db45-11e5-8001-408d5ca9e535"
smbios.system.version="FR1.1"
```



```
smbios.version="3.0"  
temp_options=""  
vfs.root.mountfrom="ufs:/dev/da0p2"  
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: 10.1-RELEASE
kern.osrevision: 199506
kern.version: FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014
root@releagl.nyi.freebsd.org:/usr/obj/usr/src/sys/GENERIC
kern.maxvnodes: 348599
kern.maxproc: 21684
kern.maxfiles: 521494
kern.argmax: 262144
kern.securelevel: -1
kern.hostname: verify.bsdconsulting.co.jp
kern.hostid: 4164230218
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 = 1463971794, usec = 163202 } Mon May 23 11:49:54 2016
kern.domainname:
kern.osreldate: 1001000
kern.bootfile: /boot/kernel/kernel
kern.maxfilesperproc: 469341
kern.maxprocperuid: 19515
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: 8296433664
kern.ipc.nmbclusters: 1012748
kern.ipc.nmbjumbop: 506374
kern.ipc.nmbjumbo9: 450108
kern.ipc.nmbjumbo16: 337580
kern.ipc.nmbufs: 6481590
kern.ipc.maxpipekva: 267001856
kern.ipc.pipekva: 0
kern.ipc.piperefragetry: 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.msgql: 40
kern.ipc.msgsz: 8
kern.ipc.msgseg: 2048
kern.ipc.semni: 50
kern.ipc.semms: 340
kern.ipc.semnu: 150
kern.ipc.semmsl: 340
kern.ipc.semopm: 100
kern.ipc.semume: 50
kern.ipc.semusz: 632
kern.ipc.semvmx: 32767
kern.ipc.semaem: 16384
kern.ipc.shmmax: 536870912
kern.ipc.shmmni: 1
kern.ipc.shmmni: 192
kern.ipc.shmseg: 128
kern.ipc.shmall: 131072
kern.ipc.shm_use_phys: 0
kern.ipc.shm_allow_removed: 0
kern.ipc.soacceptqueue: 128
kern.ipc.numopensockets: 13
kern.ipc.maxsockets: 521495
kern.ipc.sendfile.readahead: 1
kern.dummy: 0
kern.ps_strings: 140737488351200
kern.usrstack: 140737488351232
kern.logsigexit: 1
kern.iov_max: 1024
kern.hostuuid: a31488c6-db45-11e5-8001-408d5ca9e535
kern.cam.sort_io_queues: 1
kern.cam.boot_delay: 0
kern.cam.num_doneqs: 2
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.poll_period: 3
kern.cam.cd.retry_count: 4
```

```
kern.cam.cd.timeout: 30000
kern.cam.cd.0.minimum_cmd_size: 6
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: 131072
kern.cam.da.0.minimum_cmd_size: 6
kern.cam.da.0.sort_io_queue: -1
kern.cam.da.0.error_inject: 0
kern.cam.enc.emulate_array_devices: 1
kern.random.adaptors: dummy,yarrow
kern.random.active_adaptor: yarrow
kern.random.live_entropy_sources: Hardware, Intel Secure Key RNG
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.vt.enable_altgr: 1
kern.vt.debug: 0
kern.vt.deadtimer: 15
kern.vt.suspendswitch: 1
kern.vt.kbd_halt: 1
kern.vt.kbd_poweroff: 1
kern.vt.kbd_reboot: 1
kern.vt.kbd_debug: 1
kern.vt.kbd_panic: 0
kern.disks: da0 cd0
kern.geom.dev.delete_max_sectors: 262144
kern.geom.disk.cd0.led:
kern.geom.disk.da0.led:
kern.geom.transient_maps: 459415440
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.confxt: 0 DISK da0 2247308083200 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.part.mbr.enforce_chs: 1
kern.geom.raid.enable: 1
kern.geom.raid.aggressive_spare: 0
kern.geom.raid.debug: 0
kern.geom.raid.read_err_thresh: 10
kern.geom.raid.start_timeout: 30
kern.geom.raid.clean_time: 5
kern.geom.raid.disconnect_on_failure: 1
kern.geom.raid.name_format: 0
kern.geom.raid.idle_threshold: 1000000
kern.geom.raid.legacy_aliases: 1
kern.geom.raid.ddf.enable: 1
kern.geom.raid.intel.enable: 1
kern.geom.raid.jmicron.enable: 1
kern.geom.raid.nvidia.enable: 1
kern.geom.raid.promise.enable: 1
kern.geom.raid.sii.enable: 1
kern.geom.raid.concat.enable: 1
kern.geom.raid.raid0.enable: 1
kern.geom.raid.raid1.rebuild_slab_size: 1048576
kern.geom.raid.raid1.rebuild_fair_io: 20
kern.geom.raid.raid1.rebuild_cluster_idle: 100
```

kern.geom.raid.raid1.rebuild_meta_update: 1024
kern.geom.raid.raid1.enable: 1
kern.geom.raid.raid1e.rebuild_slab_size: 1048576
kern.geom.raid.raid1e.rebuild_fair_io: 20
kern.geom.raid.raid1e.rebuild_cluster_idle: 100
kern.geom.raid.raid1e.rebuild_meta_update: 1024
kern.geom.raid.raid1e.enable: 1
kern.geom.raid.raid5.enable: 1
kern.elf64.fallback_brand: -1
kern.elf64.nxstack: 1
kern.elf32.fallback_brand: -1
kern.elf32.nxstack: 1
kern.elf32.read_exec: 0
kern.init_path: /sbin/init:/sbin/oinit:/sbin/init.bak:/rescue/init
kern.init_shutdown_timeout: 120
kern.acct_suspend: 2
kern.acct_resume: 4
kern.acct_chkfreq: 15
kern.acct_configured: 0
kern.acct_suspended: 0
kern.cp_time: 38588542 0 39138691 1343041 13659149
kern.cp_times: 4877731 0 4831461 139301 1742711 4903927 0 4886620 120179 1680448 4897542 0 4901892 114180 1677560 4919112 0 4883398 115949
1672715 4495124 0 5311565 118070 1666416 4795759 0 4448270 503404 1843741 4893125 0 4890387 114261 1693401 4806222 0 4985098 117697 1682157
kern.console: ttyv0,/ttyv0,uart,ttyv0,
kern.consmute: 0
kern.consmgbuf_size: 8192
kern.constty_wakeups_per_second: 5
kern.vty: sc
kern.openfiles: 53
kern.eventtimer.et.LAPIC.flags: 7
kern.eventtimer.et.LAPIC.frequency: 12000396
kern.eventtimer.et.LAPIC.quality: 600
kern.eventtimer.et.HPET.flags: 7
kern.eventtimer.et.HPET.frequency: 24000000
kern.eventtimer.et.HPET.quality: 550
kern.eventtimer.et.RTC.flags: 17
kern.eventtimer.et.RTC.frequency: 32768
kern.eventtimer.et.RTC.quality: 0
kern.eventtimer.et.i8254.flags: 1
kern.eventtimer.et.i8254.frequency: 1193182
kern.eventtimer.et.i8254.quality: 100
kern.eventtimer.choice: LAPIC(600) HPET(550) 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: 56261
kern.randompid: 0
kern.ktrace.genio_size: 4096
kern.ktrace.request_pool: 100
kern.module_path: /boot/kernel;/boot/modules
kern.malloc_count: 357
kern.ident: GENERIC
kern.compiler_version: FreeBSD clang version 3.4.1 (tags/RELEASE_34/dot1-final 208032) 20140512
kern.maxusers: 1354
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.sctp: 1
kern.features.inet6: 1

kern.features.audit: 1
kern.features.security_mac: 1
kern.features.uffs_snapshot: 1
kern.features.softupdates: 1
kern.features.ufs_acl: 1
kern.features.ufs_gjournal: 1
kern.features.ufs_quota: 1
kern.features.ufs_quota64: 1
kern.pid_max: 99999
kern.fallback_elf_brand: -1
kern.hwpmc.softevents: 16
kern.kstack_pages: 4
kern.proc_vmmmap_skip_resident_count: 0
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: da0p3
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.HPET.mask: 4294967295
kern.timecounter.tc.HPET.counter: 333252677
kern.timecounter.tc.HPET.frequency: 24000000
kern.timecounter.tc.HPET.quality: 950
kern.timecounter.tc.i8254.mask: 65535
kern.timecounter.tc.i8254.counter: 44383
kern.timecounter.tc.i8254.frequency: 1193182
kern.timecounter.tc.i8254.quality: 0
kern.timecounter.tc.ACPI-fast.mask: 16777215
kern.timecounter.tc.ACPI-fast.counter: 11885754
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: 3356715309
kern.timecounter.tc.TSC-low.frequency: 1704056031
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) i8254(0) HPET(950) 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: 5
kern.devstat.generation: 248
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: 104963
kern.nswbuf: 256
kern.msgbufsize: 98304
kern.maxswzone: 0
kern.maxbcache: 0
kern.bio_transient_maxcnt: 1024

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kern.maxtsiz: 134217728
kern.dfltsiz: 34359738368
kern.maxdsiz: 34359738368
kern.dflssiz: 8388608
kern.maxssiz: 536870912
kern.sgrowsiz: 131072
kern.vm_guest: none
kern.log_console_output: 1
kern.log_console_add_linefeed: 0
kern.always_console_output: 0
kern.msgbuf:
kern.msgbuf_clear: 0
kern.smp.maxid: 7
kern.smp.maxcpus: 64
kern.smp.active: 1
kern.smp.disabled: 0
kern.smp.cpus: 8
kern.smp.topology: 0
kern.smp.forward_signal_enabled: 1
kern.tty_inq_flush_secure: 1
kern.tty_nin: 496
kern.tty_nout: 339890
kern.filedelay: 30
kern.dirdelay: 29
kern.metadelat: 28
kern.minvnodes: 87149
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: 15)
Virtual Memory: (Total: 427216K Active: 413408K)
Real Memory: (Total: 144992K Active: 7684K)
Shared Virtual Memory: (Total: 5448K Active: 5448K)
Shared Real Memory: (Total: 1816K Active: 1816K)
Free Memory: 15807248K
vm.loadavg: { 8.79 25.77 38.88 }
vm.v_free_min: 25577
vm.v_free_target: 86336
vm.v_free_reserved: 5324
vm.v_inactive_target: 129504
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: 16592867328
vm.kmem_zmax: 65536
vm.kmem_size_min: 0
vm.kmem_size_max: 1319413950874
vm.kmem_size_scale: 1
vm.kmem_map_size: 31617024
vm.kmem_map_free: 16561250304
vm.swap_total: 4261376000
vm.swap_reserved: 216412160
vm.overcommit: 0
vm.swzone: 583342848
vm.swap_maxpages: 64815872
vm.swap_async_max: 4
vm.dmmmax: 32
vm.nswapdev: 1
vm.zone_count: 106
vm.zone_warnings: 1
vm.kstack_cache_size: 128
vm.kstacks: 268
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: 15450
vm.stats.sys.v_swtrch: 3543791439
vm.stats.sys.v_trap: 2944330963
vm.stats.sys.v_syscall: 2439692655
vm.stats.sys.v_intr: 1253683620
vm.stats.sys.v_soft: 373566497
vm.stats.vm.v_vm_faults: 2315213693
vm.stats.vm.v_io_faults: 21705061
vm.stats.vm.v_cow_faults: 1420979
vm.stats.vm.v_cow_optim: 1205
vm.stats.vm.v_zfod: 2133370032
vm.stats.vm.v_ozfod: 835510
vm.stats.vm.v_swapin: 21657056
vm.stats.vm.v_swapout: 24896896
vm.stats.vm.v_swappgsin: 168151370
vm.stats.vm.v_swappgsout: 390849144
vm.stats.vm.v_vnodein: 62879
vm.stats.vm.v_vnodeout: 0
vm.stats.vm.v_vnodepgsin: 345369
vm.stats.vm.v_vnodepgsout: 0
vm.stats.vm.v_intrans: 21878700
vm.stats.vm.v_reactivated: 3568183061

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vm.stats.vm.v_pdwakeup: 27281
vm.stats.vm.v_dppages: 759044911
vm.stats.vm.v_tcached: 775689634
vm.stats.vm.v_dfree: 1
vm.stats.vm.v_pfree: 1929242496
vm.stats.vm.v_tfree: 3250697202
vm.stats.vm.v_page_size: 4096
vm.stats.vm.v_page_count: 4050993
vm.stats.vm.v_free_reserved: 5324
vm.stats.vm.v_free_target: 86336
vm.stats.vm.v_free_min: 25577
vm.stats.vm.v_free_count: 3951811
vm.stats.vm.v_wire_count: 97044
vm.stats.vm.v_active_count: 559
vm.stats.vm.v_inactive_target: 129504
vm.stats.vm.v_inactive_count: 1577
vm.stats.vm.v_cache_count: 1
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: 46048
vm.stats.vm.v_vforks: 10196
vm.stats.vm.v_rforks: 0
vm.stats.vm.v_kthreads: 17
vm.stats.vm.v_forkpages: 1535995
vm.stats.vm.v_vforkpages: 344930
vm.stats.vm.v_rforkpages: 0
vm.stats.vm.v_kthreadpages: 0
vm.stats.misc.zero_page_count: 6784
vm.stats.misc.cnt_prezero: 0
vm.stats.object.collapses: 54163
vm.stats.object.bypasses: 80873
vm.old_mlock: 0
vm.old_msync: 0
vm.boot_pages: 64
vm.tryrelock_restart: 509
vm.pageout_wakeup_thresh: 28127
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: 1334874
vm.phys_free:
DOMAIN 0:
FREE LIST 0:
FREE LIST 1:
vm.phys_segs:
SEGMENT 0:
start:    0x10000
end:      0x97000
domain:   0
free list: 0xffffffff815d14b8
SEGMENT 1:
start:    0x100000
end:      0x200000
domain:   0
free list: 0xffffffff815d14b8
SEGMENT 2:
start:    0x197c000
end:      0x6ec0e000
domain:   0
free list: 0xffffffff815d1110
SEGMENT 3:
start:    0x6ec59000
end:      0x748f5000
domain:   0
free list: 0xffffffff815d1110
SEGMENT 4:
start:    0x77ff000
end:      0x78000000
domain:   0
free list: 0xffffffff815d1110
SEGMENT 5:
start:    0x100000000
end:      0x469f7b000
domain:   0
free list: 0xffffffff815d1110
vm.ndomains: 1
vm.reserv.broken: 292
vm.reserv.freed: 337665
vm.reserv.partpopq:
-1: 25592K, 13
vm.reserv.reclaimed: 52057
vm.idlezero_enable: 0
vm.pmap.pat_works: 1
vm.pmap.pg_ps_enabled: 1
vm.pmap.pcid_enabled: 0

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vm.pmap.invpqid_works: 0
vm.pmap.pqid_save_cnt: 0
vm.pmap.pde.demotions: 129
vm.pmap.pde.mappings: 0
vm.pmap.pde.p_failures: 4943
vm.pmap.pde.promotions: 242526
vm.pmap.pdpe.demotions: 3
vm.kvm_size: 2199023251456
vm.kvm_free: 2180067094528
vfs.ufs.dirhash_minsize: 2560
vfs.ufs.dirhash_maxmem: 26861568
vfs.ufs.dirhash_mem: 10511
vfs.ufs.dirhash_docheck: 0
vfs.ufs.dirhash_lowmemcount: 4977
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.iodmaxidle: 120
vfs.nfs.iodmin: 0
vfs.nfs.iodmax: 20
vfs.nfs.defect: 0
vfs.devfs.generation: 151
vfs.devfs.rule_depth: 1
vfs.nfsd.disable_checkutf8: 0
vfs.nfsd.nfs_privport: 0
vfs.nfsd.server_min_nfsvers: 2
vfs.nfsd.server_max_nfsvers: 4
vfs.nfsd.async: 0
vfs.nfsd.mirrormnt: 1
vfs.nfsd.commit_blks: 0
vfs.nfsd.commit_miss: 0
vfs.nfsd.issue_delegations: 0
vfs.nfsd.enable_locallocks: 0
vfs.nfsd.debuglevel: 0
vfs.nfsd.enable_stringtoid: 0
vfs.nfsd.tcphighwater: 0
vfs.nfsd.udphighwater: 500
vfs.nfsd.tpcachetimeo: 43200
vfs.nfsd.cachetcp: 1
vfs.nfsd.minthreads: 1
vfs.nfsd.maxthreads: 1
vfs.nfsd.threads: 0
vfs.nfsd.groups: 1
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.vmiorenable: 1
vfs.runningbufspace: 0
vfs.bufspace: 1411432448
vfs.unmapped_bufspace: 1096155136
vfs.maxbufspace: 1719713792
vfs.bufmallospace: 0
vfs.maxmallobufspace: 85952921
vfs.lobufspace: 1718992896
vfs.hibufspace: 1719058432
vfs.bufreuscnt: 1538523948
vfs.bufreekvacnt: 1538602179
vfs.bufdefragcnt: 0

vfs.lorunningspace: 11206656
vfs.hirunningspace: 16777216
vfs.dirtybufferflushes: 0
vfs.bdwriteskip: 0
vfs.altbufferflushes: 0
vfs.recursiveflushes: 661309782
vfs.numdirtybuffers: 14
vfs.lodirtybuffers: 13130
vfs.hidirtybuffers: 26260
vfs.dirtybufthresh: 23634
vfs.numfreebuffers: 104949
vfs.lofreebuffers: 5836
vfs.hifreebuffers: 11672
vfs.getnewbufcalls: -1985183413
vfs.getnewbufrestarts: 1279376177
vfs.mappingrestarts: 0
vfs.flushbufqtarget: 100
vfs.notbufdflushes: 2599
vfs.barrierwrites: 50874
vfs.unmapped_buf_allowed: 1
vfs.flushwithdeps: 639752302
vfs.ncnegfactor: 16
vfs.ncsizefactor: 2
vfs.cache.numneg: 33
vfs.cache.numcache: 997
vfs.cache.numcalls: 2213381770
vfs.cache.dothits: 46308
vfs.cache.dotdothits: 302659326
vfs.cache.numchecks: 12385092
vfs.cache.nummiss: 1105546348
vfs.cache.nummisszap: 794011554
vfs.cache.numposzaps: 9320516
vfs.cache.numposhits: 1191683
vfs.cache.numnegzaps: 2098
vfs.cache.numneghits: 109920
vfs.cache.numupgrades: 183390
vfs.cache.numfullpathcalls: 18005
vfs.cache.numfullpathfail1: 0
vfs.cache.numfullpathfail2: 0
vfs.cache.numfullpathfail4: 0
vfs.cache.numfullpathfound: 18095
vfs.write_behind: 1
vfs.read_max: 64
vfs.read_min: 1
vfs.typhenumhash: 1
vfs.lookup_shared: 1
vfs.usermount: 0
vfs.numvnodes: 1035
vfs.wantfreevnodes: 87149
vfs.freevnodes: 26
vfs.vlru_allow_cache_src: 0
vfs.reassignbufcalls: -940708300
vfs.timestamp_precision: 0
vfs.worklist_len: 5
vfs.ffs.doasyncfree: 1
vfs.ffs.doreallocblks: 1
vfs.ffs.compute_summary_at_mount: 0
net.local.stream.sendspace: 8192
net.local.stream.recvspace: 8192
net.local.dgram.maxdgram: 2048
net.local.dgram.recvspace: 4096
net.local.seqpacket.maxseqpacket: 8192
net.local.seqpacket.recvspace: 8192
net.local.inflight: 0
net.local.deferred: 0
net.local.recycled: 0
net.local.taskcount: 0
net.inet.ip.portrange.lowfirst: 1023
net.inet.ip.portrange.lowlast: 600
net.inet.ip.portrange.first: 10000
net.inet.ip.portrange.last: 65535
net.inet.ip.portrange.hifirst: 49152
net.inet.ip.portrange.hilast: 65535
net.inet.ip.portrange.reservedhigh: 1023
net.inet.ip.portrange.reservedlow: 0
net.inet.ip.portrange.randomized: 1
net.inet.ip.portrange.randomcps: 10
net.inet.ip.portrange.randomtime: 45
net.inet.ip.forwarding: 0
net.inet.ip.redirect: 1
net.inet.ip.ttl: 64
net.inet.ip.rtxpire: 3600
net.inet.ip.rtmixpire: 10
net.inet.ip.rtmixcache: 128
net.inet.ip.sourceroute: 0
net.inet.ip.intr_queue_maxlen: 256
net.inet.ip.intr_queue_drops: 887044
net.inet.ip.accept_sourceroute: 0
net.inet.ip.keepfaith: 0
net.inet.ip.gifttl: 30
net.inet.ip.no_same_prefix: 0

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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: 31648
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.recvspace: 65536
net.inet.tcp.keeppit: 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: 1
net.inet.tcp.hostcache.expire: 3600
net.inet.tcp.hostcache.prune: 300
net.inet.tcp.hostcache.purge: 0
net.inet.tcp.log_in_vain: 0
net.inet.tcp.blackhole: 0
net.inet.tcp.delayed_ack: 1
net.inet.tcp.drop_synfin: 0
net.inet.tcp.rfc3042: 1
net.inet.tcp.rfc3390: 1
net.inet.tcp.experimental.initscwnd10: 1
net.inet.tcp.rfc3465: 1
net.inet.tcp.abc_l_var: 2
net.inet.tcp.ecn.enable: 0
net.inet.tcp.ecn.maxretries: 1
net.inet.tcp.insecure_rst: 0
net.inet.tcp.recvbuf_auto: 1
net.inet.tcp.recvbuf_inc: 16384
net.inet.tcp.recvbuf_max: 2097152
net.inet.tcp.path_mtu_discovery: 1
net.inet.tcp.tso: 1
net.inet.tcp.sendbuf_auto: 1
net.inet.tcp.sendbuf_inc: 8192
net.inet.tcp.sendbuf_max: 2097152
net.inet.tcp.reass.maxsegments: 63300
net.inet.tcp.reass.cursegments: 0
net.inet.tcp.reass.overflow: 8
net.inet.tcp.sack.enable: 1
net.inet.tcp.sack.maxholes: 128
net.inet.tcp.sack.globalmaxholes: 65536
net.inet.tcp.sack.globalholes: 0
net.inet.tcp.minmss: 216
net.inet.tcp.log_debug: 0
net.inet.tcp.tcbhashsize: 131072
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
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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.keeppcnt: 8
net.inet.tcp.rexmit_drop_options: 0
net.inet.tcp.per_cpu_timers: 0
net.inet.tcp.timer_race: 0
net.inet.tcp.maxtcpw: 27767
net.inet.tcp.nolocaltimewait: 0
net.inet.udp.checksum: 1
net.inet.udp.maxdgram: 9216
net.inet.udp.recvspace: 42080
net.inet.udp.log_in_vain: 0
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.pr_enable: 1
net.inet.sctp.auth_disable: 0
net.inet.sctp.asconf_enable: 1
net.inet.sctp.reconfig_enable: 1
net.inet.sctp.nr_sack_on_off: 0
net.inet.sctp.pkt_drop_enable: 0
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: 126593
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.cmt_use_dac: 0
net.inet.sctp.cwnd_maxburst: 1
net.inet.sctp.nat_friendly: 1
net.inet.sctp.abc_l_var: 2
net.inet.sctp.max_chained_mbufs: 5
net.inet.sctp.do_sctp_drain: 1
net.inet.sctp.hb_max_burst: 4
net.inet.sctp.abort_at_limit: 0
net.inet.sctp.strict_data_order: 0
net.inet.sctp.min_residual: 1452
net.inet.sctp.max_retran_chunk: 30
net.inet.sctp.log_level: 0
net.inet.sctp.default_cc_module: 0
net.inet.sctp.default_ss_module: 0
net.inet.sctp.default_frag_interleave: 1
net.inet.sctp.mobility_base: 0
net.inet.sctp.mobility_fasthandoff: 0
net.inet.sctp.udp_tunneling_port: 0
net.inet.sctp.enable_sack_immediately: 0
net.inet.sctp.nat_friendly_init: 0
net.inet.sctp.vtag_time_wait: 60
net.inet.sctp.buffer_splitting: 0
net.inet.sctp.initial_cwnd: 3
net.inet.sctp.rttvar_bw: 4
net.inet.sctp.rttvar_rtt: 5
net.inet.sctp.rttvar_eqret: 0
net.inet.sctp.rttvar_steady_step: 20
net.inet.sctp.use_dcccecn: 1
net.inet.sctp.blackhole: 0
net.inet.sctp.diag_info_code: 0
net.inet.raw.maxdgram: 9216
net.inet.raw.recvspace: 9216
```

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net.inet.accf.unloadable: 0
net.link.generic.system.ifcount: 11
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: 253187
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.rtmaxcache: 128
net.inet6.ip6.use_tempaddr: 0
net.inet6.ip6.templtime: 86400
net.inet6.ip6.tempvltime: 604800
net.inet6.ip6.auto_linklocal: 1
net.inet6.ip6.prefer_tempaddr: 0
net.inet6.ip6.use_defaultzone: 0
net.inet6.ip6.maxfrags: 253187
net.inet6.ip6.mcast_pmtu: 0
net.inet6.ip6.no_radr: 0
net.inet6.ip6.norbit_raif: 0
net.inet6.ip6.rfc6204w3: 0
net.inet6.ip6.mcast.maxgrpsrc: 512
net.inet6.ip6.mcast.maxsocksrc: 128
net.inet6.ip6.mcast.loop: 1
net.inet6.ip6.deembed_scopeid: 1
net.inet6.icmp6.rediraccept: 1
net.inet6.icmp6.redirtimeout: 600
net.inet6.icmp6.nd6_prune: 1
net.inet6.icmp6.nd6_delay: 5
net.inet6.icmp6.nd6_umaxtries: 3
net.inet6.icmp6.nd6_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_oldmcprefix: 1
net.inet6.icmp6.nd6_onlink_ns_rfc4861: 0
net.inet6.icmp6.nd6_gctimer: 86400
net.inet6.mld.gsrdelay: 10
net.inet6.mld.vlenable: 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.no_timeout: 1800
net.wlan.cac_timeout: 60
net.wlan.debug: 0
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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
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.max_tasks: 256
debug.acpi.max_threads: 3
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.cpufreq.lowest: 0
debug.cpufreq.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: 1216
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.available:
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: 524287
debug.numneg: 33
debug.numcache: 997
debug.numcachehv: 843
debug.vfscache: 1
debug.disablecwd: 0
debug.disablefullpath: 0
debug.rush_requests: 62198712
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debug.vnlru_nowhere: 0
debug.vn_io_fault_enable: 1
debug.vn_io_faults: 11990
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: 334992802
debug.softdep.total.inodedep: 902458722
debug.softdep.total.bmsafemap: 811800672
debug.softdep.total.newblk: 700261294
debug.softdep.total.allocdirect: 309431900
debug.softdep.total.indirdep: 2043691
debug.softdep.total.allocindir: 390829394
debug.softdep.total.freefrag: 60946520
debug.softdep.total.freeblks: 302713034
debug.softdep.total.freefile: 803633180
debug.softdep.total.dirradd: 803635513
debug.softdep.total.mkdir: 605344608
debug.softdep.total.dirrem: 803634314
debug.softdep.total.newdirblk: 305176834
debug.softdep.total.freework: 337733146
debug.softdep.total.freedep: 125618
debug.softdep.total.jaddrf: 1408980121
debug.softdep.total.jremref: 1408977176
debug.softdep.total.jmvref: 0
debug.softdep.total.jnewblk: 700261294
debug.softdep.total.jfreeblk: 0
debug.softdep.total.jfreefrag: 60946520
debug.softdep.total.jseg: 19177969
debug.softdep.total.jsegdep: 3579165111
debug.softdep.total.sbdep: 2835213
debug.softdep.total.jtrunc: 0
debug.softdep.total.jfsync: 0
debug.softdep.highuse.pagedep: 199420
debug.softdep.highuse.inodedep: 385236
debug.softdep.highuse.bmsafemap: 370349
debug.softdep.highuse.newblk: 35
debug.softdep.highuse.allocdirect: 17816
debug.softdep.highuse.indirdep: 121
debug.softdep.highuse.allocindir: 290956
debug.softdep.highuse.freefrag: 11716
debug.softdep.highuse.freeblks: 123154
debug.softdep.highuse.freefile: 980010
debug.softdep.highuse.dirradd: 379386
debug.softdep.highuse.mkdir: 6423
debug.softdep.highuse.dirrem: 1071686
debug.softdep.highuse.newdirblk: 55630
debug.softdep.highuse.freework: 234297
debug.softdep.highuse.freedep: 261
debug.softdep.highuse.jaddrf: 656495
debug.softdep.highuse.jremref: 127741
debug.softdep.highuse.jmvref: 0
debug.softdep.highuse.jnewblk: 198831
debug.softdep.highuse.jfreeblk: 0
debug.softdep.highuse.jfreefrag: 70
debug.softdep.highuse.jseg: 41187
debug.softdep.highuse.jsegdep: 765268
debug.softdep.highuse.sbdep: 1
debug.softdep.highuse.jtrunc: 0
debug.softdep.highuse.jfsync: 0
debug.softdep.current.pagedep: 197943
debug.softdep.current.inodedep: 73411
debug.softdep.current.bmsafemap: 369487
debug.softdep.current.newblk: 0
debug.softdep.current.allocdirect: 3
debug.softdep.current.indirdep: 1
debug.softdep.current.allocindir: 0
debug.softdep.current.freefrag: 9680
debug.softdep.current.freeblks: 62019
debug.softdep.current.freefile: 756296
debug.softdep.current.dirradd: 363995
debug.softdep.current.mkdir: 124
debug.softdep.current.dirrem: 843535
debug.softdep.current.newdirblk: 53590
debug.softdep.current.freework: 199748
debug.softdep.current.freedep: 1
debug.softdep.current.jaddrf: 620330
debug.softdep.current.jremref: 3782
debug.softdep.current.jmvref: 0
debug.softdep.current.jnewblk: 151241
debug.softdep.current.jfreeblk: 0
debug.softdep.current.jfreefrag: 39
debug.softdep.current.jseg: 30
debug.softdep.current.jsegdep: 481906
debug.softdep.current.sbdep: 0
debug.softdep.current.jtrunc: 0
debug.softdep.current.jfsync: 0
debug.softdep.write.pagedep: 129739225

debug.softdep.write.inodedep: 9110456392
debug.softdep.write.bmsafemap: 443094663
debug.softdep.write.newblk: 0
debug.softdep.write.allocdirect: 32475729
debug.softdep.write.indirdep: 2593211
debug.softdep.write.allocindir: 332628501
debug.softdep.write.freefrag: 0
debug.softdep.write.freeblks: 26144899
debug.softdep.write.freefile: 0
debug.softdep.write.diradd: 0
debug.softdep.write.mkdir: 0
debug.softdep.write.dirrem: 0
debug.softdep.write.newdirblk: 0
debug.softdep.write.freework: 0
debug.softdep.write.freedep: 0
debug.softdep.write.jaddref: 0
debug.softdep.write.jremref: 0
debug.softdep.write.jmhref: 0
debug.softdep.write.jnewblk: 0
debug.softdep.write.jfreeblk: 0
debug.softdep.write.jfreefrag: 0
debug.softdep.write.jseg: 18572855
debug.softdep.write.jsegdep: 9729642
debug.softdep.write.sbdep: 2861378
debug.softdep.write.jtrunc: 0
debug.softdep.write.jfsync: 0
debug.softdep.max_softdeps: 1394396
debug.softdep.tickdelay: 2
debug.softdep.flush_threads: 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
debug.softdep.sync_limit_hit: 247881506
debug.softdep.indir_blk_ptrs: 625922
debug.softdep.inode_bitmap: 631852364
debug.softdep.direct_blk_ptrs: 8601463
debug.softdep.dir_entry: 91402174
debug.softdep.jaddref_rollback: -1062734048
debug.softdep.jnewblk_rollback: 327394906
debug.softdep.journal_low: 37570614
debug.softdep.journal_min: 180
debug.softdep.journal_wait: 22691269
debug.softdep.jwait_filepage: 14450720
debug.softdep.jwait_freeblks: 0
debug.softdep.jwait_inode: 6319889
debug.softdep.jwait_newblk: 1920660
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.softdep.emptyjblocks: 177
debug.softdep.print_threads: 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 E3-1230 v5 @ 3.40GHz
hw.ncpu: 8
hw.byteorder: 1234
hw.physmem: 17088339968
hw.usermem: 16690757632
hw.pagesize: 4096
hw.floatingpoint: 1
hw.machine_arch: amd64
hw.realmem: 17179869184
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
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.ixl.enable_msix: 1
hw.ixl.ring_size: 1024
hw.ixl.max_queues: 0
hw.ixl.dynamic_rx_itr: 0
hw.ixl.dynamic_tx_itr: 0
hw.ixl.rx_itr: 62
hw.ixl.tx_itr: 122
hw.ixlv.ring_size: 1024
hw.ixlv.max_queues: 0
hw.ixlv.txbr_size: 16777216
hw.ixlv.dynamic_rx_itr: 0
hw.ixlv.dynamic_tx_itr: 0
hw.ixlv.rx_itr: 62
hw.ixlv.tx_itr: 122
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.mfi.mrsas_enable: 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.rxdmalow: 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.clear_pciB: 0
hw.pci.default_vgapci_unit: 0
hw.pci.mcfg: 1
hw.pci.host_mem_start: 2147483648
hw.sdhci.debug: 0
hw.sdhci.enable_msi: 1
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.keybonly: 1
hw.syscons.bell: 1
hw.syscons.kbd_reboot: 1
hw.syscons.kbd_debug: 1
hw.syscons.sc_no_suspend_vtswitch: 0
hw.broken_txfifo: 0
hw.usb.ehci.debug: 0
hw.usb.ehci.no_hs: 0
hw.usb.ehci.iaadbug: 0
hw.usb.ehci.lostintrbug: 0
hw.usb.ohci.debug: 0
hw.usb.uhci.debug: 0
hw.usb.uhci.loop: 0
hw.usb.xhci.streams: 0
hw.usb.xhci.debug: 0
hw.usb.xhci.xhci_port_route: 0
hw.usb.xhci.use_polling: 0
hw.usb.ctrl.debug: 0
hw.usb.no_boot_wait: 0
hw.usb.no_suspend_wait: 0
hw.usb.no_shutdown_wait: 0
hw.usb.umass.debug: 0
hw.usb.umass.throttle: 0
hw.usb.debug: 0
hw.usb.timings.port_reset_delay: 50
hw.usb.timings.port_root_reset_delay: 250
hw.usb.timings.port_reset_recovery: 250
hw.usb.timings.port_powerup_delay: 300
hw.usb.timings.port_resume_delay: 40
hw.usb.timings.set_address_settle: 10
hw.usb.timings.resume_delay: 250
hw.usb.timings.resume_wait: 50
hw.usb.timings.resume_recovery: 50
hw.usb.timings.extra_power_up_time: 20
hw.usb.dev.debug: 0
hw.usb.template: 0
hw.usb.usb_lang_id: 9
hw.usb.usb_lang_mask: 255

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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.wl.txerate: 0
hw.wl.debug: 0
hw.xe.debug: 0
hw.intr_storm_threshold: 1000
hw.availpages: 4171958
hw.pagesizes: 4096 2097152 0
hw.bus.devctl_disable: 0
hw.bus.devctl_queue: 1000
hw.clockrate: 3408
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: 0
hw.bxe.hc_rx_ticks: 25
hw.bxe.hc_tx_ticks: 50
hw.bxe.rx_budget: -1
hw.bxe.max_aggregation_size: 0
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_verbos: 0
hw.bsdma.total_bpages: 9020
hw.bsdma.zone0.total_bpages: 8196
hw.bsdma.zone0.free_bpages: 8196
hw.bsdma.zone0.reserved_bpages: 0
hw.bsdma.zone0.active_bpages: 0
hw.bsdma.zone0.total_bounced: 0
hw.bsdma.zone0.total_deferred: 0
hw.bsdma.zone0.lowaddr: 0xffffffffffff
hw.bsdma.zone0.alignment: 4096
hw.bsdma.zone1.total_bpages: 824
hw.bsdma.zone1.free_bpages: 823
hw.bsdma.zone1.reserved_bpages: 0
hw.bsdma.zone1.active_bpages: 1
hw.bsdma.zone1.total_bounced: 2612
hw.bsdma.zone1.total_deferred: 0
hw.bsdma.zone1.lowaddr: 0xffffffffffff
hw.bsdma.zone1.alignment: 4096
hw.apic.enable_extint: 0
hw.mca.enabled: 1
hw.mca.amd10h_L1TP: 1
hw.mca.intel6h_HSD131: 0
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: S4 S5
hw.acpi.power_button_state: S5
hw.acpi.sleep_button_state: S4
hw.acpi.lid_switch_state: NONE
hw.acpi.standby_state: NONE
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
machdep.disable_rtc_set: 0
machdep.disable_mrrs: 0
machdep.idle_mwait: 1
machdep.idle_available: spin, mwait, hlt, acpi
machdep.idle: acpi
machdep.bootmethod: BIOS

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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: 984496
machdep.i8254_freq: 1193182
machdep.disable_tsc: 0
machdep.disable_tsc_calibration: 0
machdep.tsc_freq: 3408112062
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

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security.jail.param.cpu.set.id: 0
security.jail.param.ip4.: 0
security.jail.param.ip4.saddrsel: 0
security.jail.param.ip6.: 0
security.jail.param.ip6.saddrsel: 0
security.jail.param.allow.set_hostname: 0
security.jail.param.allow.sysvipc: 0
security.jail.param.allow.raw_sockets: 0
security.jail.param.allow.chflags: 0
security.jail.param.allow.quotas: 0
security.jail.param.allow.socket_af: 0
security.jail.param.allow.mount.: 0
security.jail.param.allow.mount.devfs: 0
security.jail.param.allow.mount.nullfs: 0
security.jail.param.allow.mount.procfs: 0
security.jail.param.allow.mount.tmpfs: 0
security.jail.param.allow.mount.zfs: 0
security.bsd.map_at_zero: 0
security.bsd.suser_enabled: 1
security.bsd.unprivileged_mlock: 1
security.bsd.see_other_uids: 1
security.bsd.see_other_gids: 1
security.bsd.conservative_signals: 1
security.bsd.unprivileged_proc_debug: 1
security.bsd.unprivileged_idprio: 0
security.bsd.unprivileged_read_msgbuf: 1
security.bsd.hardlink_check_uid: 0
security.bsd.hardlink_check_gid: 0
security.bsd.unprivileged_get_quota: 0
security.bsd.stack_guard_page: 0
security.mac.version: 4
security.mac.max_slots: 4
security.mac.labeled: 0
security.mac.mmap_revocation: 1
security.mac.mmap_revocation_via_cow: 0
dev.xen.balloon.current: 0
dev.xen.balloon.target: 0
dev.xen.balloon.driver_pages: 0
dev.xen.balloon.hard_limit: 0
dev.xen.balloon.low_mem: 0
dev.xen.balloon.high_mem: 0
dev.xen.xsd_port: 0
dev.xen.xsd_kva: 0
dev.hv_kvq_log: 0
dev.nexus.%parent:
dev.nexus.0.%desc:
dev.nexus.0.%driver: nexus
dev.nexus.0.%location:
dev.nexus.0.%pnpinfo:
dev.nexus.0.%parent: root0
dev.ram.%parent:
dev.ram.0.%desc: System RAM
dev.ram.0.%driver: ram
dev.ram.0.%location:
dev.ram.0.%pnpinfo:
dev.ram.0.%parent: nexus0
dev.acpi.%parent:
dev.acpi.0.%desc: AMI 0707
dev.acpi.0.%driver: acpi
dev.acpi.0.%location:
dev.acpi.0.%pnpinfo:
dev.acpi.0.%parent: nexus0
dev.acpi_sysresource.%parent:
dev.acpi_sysresource.0.%desc: System Resource
dev.acpi_sysresource.0.%driver: acpi_sysresource
dev.acpi_sysresource.0.%location: handle=_SB_.PCI0.LPCB.SIO1
dev.acpi_sysresource.0.%pnpinfo: _HID=PNP0C02 _UID=0
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.LPCB.LDR2
dev.acpi_sysresource.1.%pnpinfo: _HID=PNP0C02 _UID=2
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.LPCB.LDR2
dev.acpi_sysresource.2.%pnpinfo: _HID=PNP0C02 _UID=0
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.LPCB.CWDT
dev.acpi_sysresource.3.%pnpinfo: _HID=INT3F0D _UID=0
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.RP20.PPF1
dev.acpi_sysresource.4.%pnpinfo: _HID=PNP0C01 _UID=241
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.PDR2

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dev.acpi_sysresource.5.%pnpinfo: _HID=PNP0C02 _UID=1
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.IOTR
dev.acpi_sysresource.6.%pnpinfo: _HID=PNP0C02 _UID=0
dev.acpi_sysresource.6.%parent: acpi0
dev.cpu.%parent:
dev.cpu.0.%desc: ACPI CPU
dev.cpu.0.%driver: cpu
dev.cpu.0.%location: handle=_PR_.CPU0
dev.cpu.0.%pnpinfo: _HID=none _UID=0
dev.cpu.0.%parent: acpi0
dev.cpu.0.freq: 3400
dev.cpu.0.freq_levels: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1225/22544 1200/21437 1050/18757 1000/17302 875/15139 800/13362 700/11691 600/10021 500/8351 400/6681
300/5010 200/3340 100/1670
dev.cpu.0.cx_supported: C1/1/1 C2/2/120
dev.cpu.0.cx_lowest: C1
dev.cpu.0.cx_usage: 100.00% 0.00% last 207us
dev.cpu.1.%desc: ACPI CPU
dev.cpu.1.%driver: cpu
dev.cpu.1.%location: handle=_PR_.CPU1
dev.cpu.1.%pnpinfo: _HID=none _UID=0
dev.cpu.1.%parent: acpi0
dev.cpu.1.cx_supported: C1/1/1 C2/2/120
dev.cpu.1.cx_lowest: C1
dev.cpu.1.cx_usage: 100.00% 0.00% last 4023us
dev.cpu.2.%desc: ACPI CPU
dev.cpu.2.%driver: cpu
dev.cpu.2.%location: handle=_PR_.CPU2
dev.cpu.2.%pnpinfo: _HID=none _UID=0
dev.cpu.2.%parent: acpi0
dev.cpu.2.cx_supported: C1/1/1 C2/2/120
dev.cpu.2.cx_lowest: C1
dev.cpu.2.cx_usage: 100.00% 0.00% last 3113us
dev.cpu.3.%desc: ACPI CPU
dev.cpu.3.%driver: cpu
dev.cpu.3.%location: handle=_PR_.CPU3
dev.cpu.3.%pnpinfo: _HID=none _UID=0
dev.cpu.3.%parent: acpi0
dev.cpu.3.cx_supported: C1/1/1 C2/2/120
dev.cpu.3.cx_lowest: C1
dev.cpu.3.cx_usage: 100.00% 0.00% last 4208us
dev.cpu.4.%desc: ACPI CPU
dev.cpu.4.%driver: cpu
dev.cpu.4.%location: handle=_PR_.CPU4
dev.cpu.4.%pnpinfo: _HID=none _UID=0
dev.cpu.4.%parent: acpi0
dev.cpu.4.cx_supported: C1/1/1 C2/2/120
dev.cpu.4.cx_lowest: C1
dev.cpu.4.cx_usage: 100.00% 0.00% last 4176us
dev.cpu.5.%desc: ACPI CPU
dev.cpu.5.%driver: cpu
dev.cpu.5.%location: handle=_PR_.CPU5
dev.cpu.5.%pnpinfo: _HID=none _UID=0
dev.cpu.5.%parent: acpi0
dev.cpu.5.cx_supported: C1/1/1 C2/2/120
dev.cpu.5.cx_lowest: C1
dev.cpu.5.cx_usage: 100.00% 0.00% last 4232us
dev.cpu.6.%desc: ACPI CPU
dev.cpu.6.%driver: cpu
dev.cpu.6.%location: handle=_PR_.CPU6
dev.cpu.6.%pnpinfo: _HID=none _UID=0
dev.cpu.6.%parent: acpi0
dev.cpu.6.cx_supported: C1/1/1 C2/2/120
dev.cpu.6.cx_lowest: C1
dev.cpu.6.cx_usage: 100.00% 0.00% last 4000us
dev.cpu.7.%desc: ACPI CPU
dev.cpu.7.%driver: cpu
dev.cpu.7.%location: handle=_PR_.CPU7
dev.cpu.7.%pnpinfo: _HID=none _UID=0
dev.cpu.7.%parent: acpi0
dev.cpu.7.cx_supported: C1/1/1 C2/2/120
dev.cpu.7.cx_lowest: C1
dev.cpu.7.cx_usage: 100.00% 0.00% last 4413us
dev.hpet.%parent:
dev.hpet.0.%desc: High Precision Event Timer
dev.hpet.0.%driver: hpet
dev.hpet.0.%location: handle=_SB_.PCI0.LPCB.HPET
dev.hpet.0.%pnpinfo: _HID=PNP0103 _UID=0
dev.hpet.0.%parent: acpi0
dev.atrtc.%parent:
dev.atrtc.0.%desc: AT realtime clock
dev.atrtc.0.%driver: atrtc
dev.atrtc.0.%location: handle=_SB_.PCI0.LPCB.RTC_
dev.atrtc.0.%pnpinfo: _HID=PNP0B00 _UID=0
dev.atrtc.0.%parent: acpi0
dev.attimer.%parent:
dev.attimer.0.%desc: AT timer
dev.attimer.0.%driver: attimer

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dev.attimer.0.%location: handle=\_SB_.PCI0.LPCB.TIMR
dev.attimer.0.%pnpinfo: _HID=PNP0100 _UID=0
dev.attimer.0.%parent: acpi0
dev.acpi_timer.%parent:
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.%parent:
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
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_b.%parent:
dev.pci_b.0.%desc: ACPI Host-PCI bridge
dev.pci_b.0.%driver: pci_b
dev.pci_b.0.%location: handle=\_SB_.PCI0
dev.pci_b.0.%pnpinfo: _HID=PNP0A08 _UID=0
dev.pci_b.0.%parent: acpi0
dev.pci_b.1.%desc: ACPI PCI-PCI bridge
dev.pci_b.1.%driver: pci_b
dev.pci_b.1.%location: slot=1 function=0 handle=\_SB_.PCI0.PEG0
dev.pci_b.1.%pnpinfo: vendor=0x8086 device=0x1901 subvendor=0x1bcf subdevice=0x8069 class=0x060400
dev.pci_b.1.%parent: pci0
dev.pci_b.1.domain: 0
dev.pci_b.1.pribus: 0
dev.pci_b.1.secbus: 1
dev.pci_b.1.subbus: 1
dev.pci_b.1.wake: 0
dev.pci_b.2.%desc: ACPI PCI-PCI bridge
dev.pci_b.2.%driver: pci_b
dev.pci_b.2.%location: slot=27 function=0 handle=\_SB_.PCI0.RP18
dev.pci_b.2.%pnpinfo: vendor=0x8086 device=0xa168 subvendor=0x1bcf subdevice=0x8069 class=0x060400
dev.pci_b.2.%parent: pci0
dev.pci_b.2.domain: 0
dev.pci_b.2.pribus: 0
dev.pci_b.2.secbus: 48
dev.pci_b.2.subbus: 48
dev.pci_b.2.wake: 0
dev.pci_b.3.%desc: ACPI PCI-PCI bridge
dev.pci_b.3.%driver: pci_b
dev.pci_b.3.%location: slot=27 function=3 handle=\_SB_.PCI0.RP20
dev.pci_b.3.%pnpinfo: vendor=0x8086 device=0xa16a subvendor=0x1bcf subdevice=0x8069 class=0x060400
dev.pci_b.3.%parent: pci0
dev.pci_b.3.domain: 0
dev.pci_b.3.pribus: 0
dev.pci_b.3.secbus: 95
dev.pci_b.3.subbus: 95
dev.pci_b.3.wake: 0
dev.pci_b.4.%desc: ACPI PCI-PCI bridge
dev.pci_b.4.%driver: pci_b
dev.pci_b.4.%location: slot=28 function=0 handle=\_SB_.PCI0.RP01
dev.pci_b.4.%pnpinfo: vendor=0x8086 device=0xa110 subvendor=0x1bcf subdevice=0x8069 class=0x060400
dev.pci_b.4.%parent: pci0

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dev.pci.4.domain: 0
dev.pci.4.pribus: 0
dev.pci.4.secbus: 96
dev.pci.4.subbus: 96
dev.pci.4.wake: 0
dev.pci.5.%desc: ACPI PCI-PCI bridge
dev.pci.5.%driver: pcib
dev.pci.5.%location: slot=28 function=3 handle=_SB_.PCI0.RP04
dev.pci.5.%npninfo: vendor=0x8086 device=0xa113 subvendor=0x1bcf subdevice=0x8069 class=0x060400
dev.pci.5.%parent: pci0
dev.pci.5.domain: 0
dev.pci.5.pribus: 0
dev.pci.5.secbus: 143
dev.pci.5.subbus: 143
dev.pci.5.wake: 0
dev.pci.6.%desc: ACPI PCI-PCI bridge
dev.pci.6.%driver: pcib
dev.pci.6.%location: slot=28 function=4 handle=_SB_.PCI0.RP05
dev.pci.6.%npninfo: vendor=0x8086 device=0xa114 subvendor=0x1bcf subdevice=0x8069 class=0x060400
dev.pci.6.%parent: pci0
dev.pci.6.domain: 0
dev.pci.6.pribus: 0
dev.pci.6.secbus: 144
dev.pci.6.subbus: 144
dev.pci.6.wake: 0
dev.pci.7.%desc: ACPI PCI-PCI bridge
dev.pci.7.%driver: pcib
dev.pci.7.%location: slot=29 function=0 handle=_SB_.PCI0.RP09
dev.pci.7.%npninfo: vendor=0x8086 device=0xa118 subvendor=0x1bcf subdevice=0x8069 class=0x060400
dev.pci.7.%parent: pci0
dev.pci.7.domain: 0
dev.pci.7.pribus: 0
dev.pci.7.secbus: 192
dev.pci.7.subbus: 192
dev.pci.7.wake: 0
dev.pci.%parent:
dev.pci.0.%desc: ACPI PCI bus
dev.pci.0.%driver: pci
dev.pci.0.%location:
dev.pci.0.%npninfo:
dev.pci.0.%parent: pcib0
dev.pci.1.%desc: ACPI PCI bus
dev.pci.1.%driver: pci
dev.pci.1.%location:
dev.pci.1.%npninfo:
dev.pci.1.%parent: pcib1
dev.pci.1.wake: 0
dev.pci.48.%desc: ACPI PCI bus
dev.pci.48.%driver: pci
dev.pci.48.%location:
dev.pci.48.%npninfo:
dev.pci.48.%parent: pcib2
dev.pci.48.wake: 0
dev.pci.95.%desc: ACPI PCI bus
dev.pci.95.%driver: pci
dev.pci.95.%location:
dev.pci.95.%npninfo:
dev.pci.95.%parent: pcib3
dev.pci.95.wake: 0
dev.pci.96.%desc: ACPI PCI bus
dev.pci.96.%driver: pci
dev.pci.96.%location:
dev.pci.96.%npninfo:
dev.pci.96.%parent: pcib4
dev.pci.96.wake: 0
dev.pci.143.%desc: ACPI PCI bus
dev.pci.143.%driver: pci
dev.pci.143.%location:
dev.pci.143.%npninfo:
dev.pci.143.%parent: pcib5
dev.pci.143.wake: 0
dev.pci.144.%desc: ACPI PCI bus
dev.pci.144.%driver: pci
dev.pci.144.%location:
dev.pci.144.%npninfo:
dev.pci.144.%parent: pcib6
dev.pci.144.wake: 0
dev.pci.192.%desc: ACPI PCI bus
dev.pci.192.%driver: pci
dev.pci.192.%location:
dev.pci.192.%npninfo:
dev.pci.192.%parent: pcib7
dev.pci.192.wake: 0
dev.hostb.%parent:
dev.hostb.0.%desc: Host to PCI bridge
dev.hostb.0.%driver: hostb
dev.hostb.0.%location: slot=0 function=0 handle=_SB_.PCI0.LNK3
dev.hostb.0.%npninfo: vendor=0x8086 device=0x1918 subvendor=0x1bcf subdevice=0x8069 class=0x060000
dev.hostb.0.%parent: pci0
dev.xhci.%parent:
dev.xhci.0.%desc: XHCI (generic) USB 3.0 controller

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dev.xhci.0.%driver: xhci
dev.xhci.0.%location: slot=20 function=0 handle=_SB_.PCI0.XHC_
dev.xhci.0.%pnpinfo: vendor=0x8086 device=0xa12f subvendor=0x1bcf subdevice=0x8069 class=0xc0330
dev.xhci.0.%parent: pci0
dev.xhci.0.wake: 0
dev.usb.usb.%parent:
dev.usb.usb.0.%desc:
dev.usb.usb.0.%driver: usb
dev.usb.usb.0.%location:
dev.usb.usb.0.%pnpinfo:
dev.usb.usb.0.%parent: xhci0
dev.ahci.0.%parent:
dev.ahci.0.%desc: AHCI SATA controller
dev.ahci.0.%driver: ahci
dev.ahci.0.%location: slot=23 function=0 handle=_SB_.PCI0.SAT0
dev.ahci.0.%pnpinfo: vendor=0x8086 device=0xa102 subvendor=0x1bcf subdevice=0x8069 class=0x010601
dev.ahci.0.%parent: pci0
dev.ahci.0.%parent:
dev.ahci.0.%desc: AHCI channel
dev.ahci.0.%driver: ahci
dev.ahci.0.%location: channel=0
dev.ahci.0.%pnpinfo:
dev.ahci.0.%parent: ahci0
dev.ahci.1.%desc: AHCI channel
dev.ahci.1.%driver: ahci
dev.ahci.1.%location: channel=1
dev.ahci.1.%pnpinfo:
dev.ahci.1.%parent: ahci0
dev.ahci.2.%desc: AHCI channel
dev.ahci.2.%driver: ahci
dev.ahci.2.%location: channel=2
dev.ahci.2.%pnpinfo:
dev.ahci.2.%parent: ahci0
dev.ahci.3.%desc: AHCI channel
dev.ahci.3.%driver: ahci
dev.ahci.3.%location: channel=3
dev.ahci.3.%pnpinfo:
dev.ahci.3.%parent: ahci0
dev.ahci.4.%desc: AHCI channel
dev.ahci.4.%driver: ahci
dev.ahci.4.%location: channel=4
dev.ahci.4.%pnpinfo:
dev.ahci.4.%parent: ahci0
dev.ahciem.0.%parent:
dev.ahciem.0.%desc: AHCI enclosure management bridge
dev.ahciem.0.%driver: ahciem
dev.ahciem.0.%location:
dev.ahciem.0.%pnpinfo:
dev.ahciem.0.%parent: ahci0
dev.bge.0.%parent:
dev.bge.0.%desc: 1000BASE-T Adapter(4ch), ASIC rev. 0x5719001
dev.bge.0.%driver: bge
dev.bge.0.%location: slot=0 function=0 handle=_SB_.PCI0.RP18.PXSX
dev.bge.0.%pnpinfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8064 class=0x020000
dev.bge.0.%parent: pci48
dev.bge.0.forced_collapse: 0
dev.bge.0.msi: 1
dev.bge.0.forced_udpcsum: 0
dev.bge.0.stats.FramesDroppedDueToFilters: 0
dev.bge.0.stats.DmaWriteQueueFull: 0
dev.bge.0.stats.DmaWriteHighPriQueueFull: 0
dev.bge.0.stats.NoMoreRxBDs: 0
dev.bge.0.stats.InputDiscards: 0
dev.bge.0.stats.InputErrors: 0
dev.bge.0.stats.RecvThresholdHit: 0
dev.bge.0.stats.rx.ifHCInOctets: 0
dev.bge.0.stats.rx.Fragments: 0
dev.bge.0.stats.rx.UnicastPkts: 0
dev.bge.0.stats.rx.MulticastPkts: 0
dev.bge.0.stats.rx.BroadcastPkts: 0
dev.bge.0.stats.rx.FCSerrors: 0
dev.bge.0.stats.rx.AlignmentErrors: 0
dev.bge.0.stats.rx.xonPauseFramesReceived: 0
dev.bge.0.stats.rx.xoffPauseFramesReceived: 0
dev.bge.0.stats.rx.ControlFramesReceived: 0
dev.bge.0.stats.rx.xoffStateEntered: 0
dev.bge.0.stats.rx.FramesTooLong: 0
dev.bge.0.stats.rx.Jabbers: 0
dev.bge.0.stats.rx.UndersizePkts: 0
dev.bge.0.stats.tx.ifHCOutOctets: 0
dev.bge.0.stats.tx.Collisions: 0
dev.bge.0.stats.tx.XonSent: 0
dev.bge.0.stats.tx.XoffSent: 0
dev.bge.0.stats.tx.InternalMacTransmitErrors: 0
dev.bge.0.stats.tx.SingleCollisionFrames: 0
dev.bge.0.stats.tx.MultipleCollisionFrames: 0
dev.bge.0.stats.tx.DeferredTransmissions: 0
dev.bge.0.stats.tx.ExcessiveCollisions: 0
dev.bge.0.stats.tx.LateCollisions: 0
dev.bge.0.stats.tx.UnicastPkts: 0
dev.bge.0.stats.tx.MulticastPkts: 0

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dev.bge.0.stats.tx.BroadcastPkts: 0
dev.bge.0.wake: 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.%npninfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8064 class=0x020000
dev.bge.1.%parent: pci48
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.%npninfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8064 class=0x020000
dev.bge.2.%parent: pci48
dev.bge.2.forced_collapse: 0
dev.bge.2.msi: 1
dev.bge.2.forced_udpcsum: 0
dev.bge.2.stats.FramesDroppedDueToFilters: 0
dev.bge.2.stats.DmaWriteQueueFull: 0
dev.bge.2.stats.DmaWriteHighPriQueueFull: 0
dev.bge.2.stats.NoMoreRxBDs: 0
dev.bge.2.stats.InputDiscards: 0
dev.bge.2.stats.InputErrors: 0
dev.bge.2.stats.RecvThresholdHit: 0
dev.bge.2.stats.rx.ifHCInOctets: 0
dev.bge.2.stats.rx.Fragments: 0
dev.bge.2.stats.rx.UnicastPkts: 0
dev.bge.2.stats.rx.MulticastPkts: 0
dev.bge.2.stats.rx.BroadcastPkts: 0
dev.bge.2.stats.rx.FCSerrors: 0
dev.bge.2.stats.rx.AlignmentErrors: 0
dev.bge.2.stats.rx.xonPauseFramesReceived: 0
dev.bge.2.stats.rx.xoffPauseFramesReceived: 0
dev.bge.2.stats.rx.ControlFramesReceived: 0
dev.bge.2.stats.rx.xoffStateEntered: 0
dev.bge.2.stats.rx.FramesTooLong: 0
dev.bge.2.stats.rx.Jabbers: 0
dev.bge.2.stats.rx.UndersizePkts: 0
dev.bge.2.stats.tx.ifHCOutOctets: 0
dev.bge.2.stats.tx.Collisions: 0
dev.bge.2.stats.tx.XonSent: 0
dev.bge.2.stats.tx.XoffSent: 0
dev.bge.2.stats.tx.InternalMacTransmitErrors: 0
dev.bge.2.stats.tx.SingleCollisionFrames: 0
dev.bge.2.stats.tx.MultipleCollisionFrames: 0
dev.bge.2.stats.tx.DeferredTransmissions: 0
dev.bge.2.stats.tx.ExcessiveCollisions: 0
dev.bge.2.stats.tx.LateCollisions: 0
dev.bge.2.stats.tx.UnicastPkts: 0
dev.bge.2.stats.tx.MulticastPkts: 0
dev.bge.2.stats.tx.BroadcastPkts: 0
dev.bge.3.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.3.%driver: bge
dev.bge.3.%location: slot=0 function=3
dev.bge.3.%npninfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8064 class=0x020000
dev.bge.3.%parent: pci48

```

```

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 handle=_SB_.PCI0.RP01.PXSX
dev.bge.4.%pnpinfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8064 class=0x020000
dev.bge.4.%parent: pci96
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.4.wake: 0
dev.bge.5.%desc: 1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001
dev.bge.5.%driver: bge
dev.bge.5.%location: slot=0 function=1
dev.bge.5.%pnpinfo: vendor=0x14e4 device=0x1657 subvendor=0x1bcf subdevice=0x8064 class=0x020000
dev.bge.5.%parent: pci96
dev.bge.5.forced_collapse: 0
dev.bge.5.msi: 1
dev.bge.5.forced_udpcsum: 0
dev.bge.5.stats.FramesDroppedDueToFilters: 0
dev.bge.5.stats.DmaWriteQueueFull: 0
dev.bge.5.stats.DmaWriteHighPriQueueFull: 0

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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=0x8064 class=0x020000
dev.bge.6.%parent: pci96
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=0x8064 class=0x020000
dev.bge.7.%parent: pci96
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

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dev.bge.7.stats.rx.MulticastPkts: 0
dev.bge.7.stats.rx.BroadcastPkts: 0
dev.bge.7.stats.rx.FCSErrors: 0
dev.bge.7.stats.rx.AlignmentErrors: 0
dev.bge.7.stats.rx.xonPauseFramesReceived: 0
dev.bge.7.stats.rx.xoffPauseFramesReceived: 0
dev.bge.7.stats.rx.ControlFramesReceived: 0
dev.bge.7.stats.rx.xoffStateEntered: 0
dev.bge.7.stats.rx.FramesTooLong: 0
dev.bge.7.stats.rx.Jabbers: 0
dev.bge.7.stats.rx.UndersizePkts: 0
dev.bge.7.stats.tx.ifHCOutOctets: 0
dev.bge.7.stats.tx.Collisions: 0
dev.bge.7.stats.tx.XonSent: 0
dev.bge.7.stats.tx.XoffSent: 0
dev.bge.7.stats.tx.InternalMacTransmitErrors: 0
dev.bge.7.stats.tx.SingleCollisionFrames: 0
dev.bge.7.stats.tx.MultipleCollisionFrames: 0
dev.bge.7.stats.tx.DeferredTransmissions: 0
dev.bge.7.stats.tx.ExcessiveCollisions: 0
dev.bge.7.stats.tx.LateCollisions: 0
dev.bge.7.stats.tx.UnicastPkts: 0
dev.bge.7.stats.tx.MulticastPkts: 0
dev.bge.7.stats.tx.BroadcastPkts: 0
dev.bge.8.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000
dev.bge.8.%driver: bge
dev.bge.8.%location: slot=0 function=0 handle=_SB_.PCI0.RP04.LAN1
dev.bge.8.%pnpinf: vendor=0x14e4 device=0x165f subvendor=0x1bcf subdevice=0x8069 class=0x020000
dev.bge.8.%parent: pci143
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.9.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000
dev.bge.9.%driver: bge
dev.bge.9.%location: slot=0 function=1 handle=_SB_.PCI0.RP04.LAN2
dev.bge.9.%pnpinf: vendor=0x14e4 device=0x165f subvendor=0x1bcf subdevice=0x8069 class=0x020000
dev.bge.9.%parent: pci143
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

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dev.bge.9.stats.rx.xoffStateEntered: 0
dev.bge.9.stats.rx.FramesTooLong: 0
dev.bge.9.stats.rx.Jabbers: 0
dev.bge.9.stats.rx.UndersizePkts: 0
dev.bge.9.stats.tx.ifHCOutOctets: 0
dev.bge.9.stats.tx.Collisions: 0
dev.bge.9.stats.tx.XonSent: 0
dev.bge.9.stats.tx.XoffSent: 0
dev.bge.9.stats.tx.InternalMacTransmitErrors: 0
dev.bge.9.stats.tx.SingleCollisionFrames: 0
dev.bge.9.stats.tx.MultipleCollisionFrames: 0
dev.bge.9.stats.tx.DeferredTransmissions: 0
dev.bge.9.stats.tx.ExcessiveCollisions: 0
dev.bge.9.stats.tx.LateCollisions: 0
dev.bge.9.stats.tx.UnicastPkts: 0
dev.bge.9.stats.tx.MulticastPkts: 0
dev.bge.9.stats.tx.BroadcastPkts: 0
dev.miibus.%parent:
dev.miibus.0.%desc: MII bus
dev.miibus.0.%driver: miibus
dev.miibus.0.%location:
dev.miibus.0.%pnpinfo:
dev.miibus.0.%parent: bge0
dev.miibus.1.%desc: MII bus
dev.miibus.1.%driver: miibus
dev.miibus.1.%location:
dev.miibus.1.%pnpinfo:
dev.miibus.1.%parent: bge1
dev.miibus.2.%desc: MII bus
dev.miibus.2.%driver: miibus
dev.miibus.2.%location:
dev.miibus.2.%pnpinfo:
dev.miibus.2.%parent: bge2
dev.miibus.3.%desc: MII bus
dev.miibus.3.%driver: miibus
dev.miibus.3.%location:
dev.miibus.3.%pnpinfo:
dev.miibus.3.%parent: bge3
dev.miibus.4.%desc: MII bus
dev.miibus.4.%driver: miibus
dev.miibus.4.%location:
dev.miibus.4.%pnpinfo:
dev.miibus.4.%parent: bge4
dev.miibus.5.%desc: MII bus
dev.miibus.5.%driver: miibus
dev.miibus.5.%location:
dev.miibus.5.%pnpinfo:
dev.miibus.5.%parent: bge5
dev.miibus.6.%desc: MII bus
dev.miibus.6.%driver: miibus
dev.miibus.6.%location:
dev.miibus.6.%pnpinfo:
dev.miibus.6.%parent: bge6
dev.miibus.7.%desc: MII bus
dev.miibus.7.%driver: miibus
dev.miibus.7.%location:
dev.miibus.7.%pnpinfo:
dev.miibus.7.%parent: bge7
dev.miibus.8.%desc: MII bus
dev.miibus.8.%driver: miibus
dev.miibus.8.%location:
dev.miibus.8.%pnpinfo:
dev.miibus.8.%parent: bge8
dev.miibus.9.%desc: MII bus
dev.miibus.9.%driver: miibus
dev.miibus.9.%location:
dev.miibus.9.%pnpinfo:
dev.miibus.9.%parent: bge9
dev.brgphy.%parent:
dev.brgphy.0.%desc: BCM5719C 1000BASE-T media interface
dev.brgphy.0.%driver: brgphy
dev.brgphy.0.%location: phyno=1
dev.brgphy.0.%pnpinfo: 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.%pnpinfo: 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.%pnpinfo: 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.%pnpinfo: 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

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dev.brgphy.4.%location: phyno=1
dev.brgphy.4.%pnpinfo: 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.%pnpinfo: 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.%pnpinfo: 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.%pnpinfo: oui=0x1be9 model=0x22 rev=0x0
dev.brgphy.7.%parent: miibus7
dev.brgphy.8.%desc: BCM5720C 1000BASE-T media interface
dev.brgphy.8.%driver: brgphy
dev.brgphy.8.%location: phyno=1
dev.brgphy.8.%pnpinfo: oui=0x1be9 model=0x36 rev=0x0
dev.brgphy.8.%parent: miibus8
dev.brgphy.9.%desc: BCM5720C 1000BASE-T media interface
dev.brgphy.9.%driver: brgphy
dev.brgphy.9.%location: phyno=2
dev.brgphy.9.%pnpinfo: oui=0x1be9 model=0x36 rev=0x0
dev.brgphy.9.%parent: miibus9
dev.vgapci.%parent:
dev.vgapci.0.%desc: VGA-compatible display
dev.vgapci.0.%driver: vgapci
dev.vgapci.0.%location: slot=0 function=0 handle=\_SB_.PCI0.RP20.PXSX
dev.vgapci.0.%pnpinfo: vendor=0x102b device=0x0522 subvendor=0x1bcf subdevice=0x8069 class=0x030000
dev.vgapci.0.%parent: pci95
dev.vgapci.0.wake: 0
dev.mrsas.%parent:
dev.mrsas.0.%desc: LSI Invader SAS Controller
dev.mrsas.0.%driver: mrsas
dev.mrsas.0.%location: slot=0 function=0 handle=\_SB_.PCI0.RP05.PXSX
dev.mrsas.0.%pnpinfo: vendor=0x1000 device=0x005d subvendor=0x1000 subdevice=0x9364 class=0x010400
dev.mrsas.0.%parent: pci144
dev.mrsas.0.disable_ocr: 0
dev.mrsas.0.driver_version: 06.704.01.01-fbsd
dev.mrsas.0.reset_count: 0
dev.mrsas.0.fw_outstanding: 0
dev.mrsas.0.io_cmds_highwater: 895
dev.mrsas.0.mrsas_debug: 4
dev.mrsas.0.mrsas_io_timeout: 180000
dev.mrsas.0.mrsas_fw_fault_check_delay: 1
dev.mrsas.0.reset_in_progress: 0
dev.mrsas.0.wake: 0
dev.isab.%parent:
dev.isab.0.%desc: PCI-ISA bridge
dev.isab.0.%driver: isab
dev.isab.0.%location: slot=31 function=0 handle=\_SB_.PCI0.LPCB
dev.isab.0.%pnpinfo: vendor=0x8086 device=0xa149 subvendor=0x1bcf subdevice=0x8069 class=0x060100
dev.isab.0.%parent: pci0
dev.isa.%parent:
dev.isa.0.%desc: ISA bus
dev.isa.0.%driver: isa
dev.isa.0.%location:
dev.isa.0.%pnpinfo:
dev.isa.0.%parent: isab0
dev.acpi_button.%parent:
dev.acpi_button.0.%desc: Sleep Button
dev.acpi_button.0.%driver: acpi_button
dev.acpi_button.0.%location: handle=\_SB_.SLPB
dev.acpi_button.0.%pnpinfo: _HID=PNP0C0E _UID=0
dev.acpi_button.0.%parent: acpi0
dev.acpi_button.1.%desc: Power Button
dev.acpi_button.1.%driver: acpi_button
dev.acpi_button.1.%location: handle=\_SB_.PWRB
dev.acpi_button.1.%pnpinfo: _HID=PNP0C0C _UID=0
dev.acpi_button.1.%parent: acpi0
dev.atkbd.%parent:
dev.atkbd.0.%desc: Keyboard controller (i8042)
dev.atkbd.0.%driver: atkbd
dev.atkbd.0.%location: handle=\_SB_.PCI0.LPCB.PS2K
dev.atkbd.0.%pnpinfo: _HID=MSFT0001 _UID=0
dev.atkbd.0.%parent: acpi0
dev.atkbd.%parent:
dev.atkbd.0.%desc: AT Keyboard
dev.atkbd.0.%driver: atkbd
dev.atkbd.0.%location:
dev.atkbd.0.%pnpinfo:
dev.atkbd.0.%parent: atkbd0
dev.psmcnpn.%parent:
dev.psmcnpn.0.%desc: PS/2 mouse port
dev.psmcnpn.0.%driver: psmcnpn
dev.psmcnpn.0.%location: handle=\_SB_.PCI0.LPCB.PS2M
dev.psmcnpn.0.%pnpinfo: _HID=MSFT0003 _UID=0

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```

dev.psmcnp.0.%parent: acpi0
dev.uart.%parent:
dev.uart.0.%desc: 16550 or compatible
dev.uart.0.%driver: uart
dev.uart.0.%location: handle=\_SB_.PCI0.LPCB.UAR1
dev.uart.0.%npninfo: _HID=PNP0501 _UID=0
dev.uart.0.%parent: acpi0
dev.uart.1.%desc: 16550 or compatible
dev.uart.1.%driver: uart
dev.uart.1.%location: handle=\_SB_.PCI0.LPCB.UAR2
dev.uart.1.%npninfo: _HID=PNP0501 _UID=1
dev.uart.1.%parent: acpi0
dev.f pupnp.%parent:
dev.f pupnp.0.%desc: Legacy ISA coprocessor support
dev.f pupnp.0.%driver: fpupnp
dev.f pupnp.0.%location: handle=\_SB_.PCI0.LPCB.MATH
dev.f pupnp.0.%npninfo: _HID=PNP0C04 _UID=0
dev.f pupnp.0.%parent: acpi0
dev.apic.%parent:
dev.apic.0.%desc: APIC resources
dev.apic.0.%driver: apic
dev.apic.0.%location:
dev.apic.0.%npninfo:
dev.apic.0.%parent: nexus0
dev.orm.%parent:
dev.orm.0.%desc: ISA Option ROM
dev.orm.0.%driver: orm
dev.orm.0.%location:
dev.orm.0.%npninfo:
dev.orm.0.%parent: isa0
dev.sc.%parent:
dev.sc.0.%desc: System console
dev.sc.0.%driver: sc
dev.sc.0.%location:
dev.sc.0.%npninfo:
dev.sc.0.%parent: isa0
dev.vga.%parent:
dev.vga.0.%desc: Generic ISA VGA
dev.vga.0.%driver: vga
dev.vga.0.%location:
dev.vga.0.%npninfo:
dev.vga.0.%parent: isa0
dev.acpi_perf.%parent:
dev.acpi_perf.0.%desc:
dev.acpi_perf.0.%driver: acpi_perf
dev.acpi_perf.0.%location:
dev.acpi_perf.0.%npninfo:
dev.acpi_perf.0.%parent: cpu0
dev.acpi_perf.1.%desc:
dev.acpi_perf.1.%driver: acpi_perf
dev.acpi_perf.1.%location:
dev.acpi_perf.1.%npninfo:
dev.acpi_perf.1.%parent: cpu1
dev.acpi_perf.2.%desc:
dev.acpi_perf.2.%driver: acpi_perf
dev.acpi_perf.2.%location:
dev.acpi_perf.2.%npninfo:
dev.acpi_perf.2.%parent: cpu2
dev.acpi_perf.3.%desc:
dev.acpi_perf.3.%driver: acpi_perf
dev.acpi_perf.3.%location:
dev.acpi_perf.3.%npninfo:
dev.acpi_perf.3.%parent: cpu3
dev.acpi_perf.4.%desc:
dev.acpi_perf.4.%driver: acpi_perf
dev.acpi_perf.4.%location:
dev.acpi_perf.4.%npninfo:
dev.acpi_perf.4.%parent: cpu4
dev.acpi_perf.5.%desc:
dev.acpi_perf.5.%driver: acpi_perf
dev.acpi_perf.5.%location:
dev.acpi_perf.5.%npninfo:
dev.acpi_perf.5.%parent: cpu5
dev.acpi_perf.6.%desc:
dev.acpi_perf.6.%driver: acpi_perf
dev.acpi_perf.6.%location:
dev.acpi_perf.6.%npninfo:
dev.acpi_perf.6.%parent: cpu6
dev.acpi_perf.7.%desc:
dev.acpi_perf.7.%driver: acpi_perf
dev.acpi_perf.7.%location:
dev.acpi_perf.7.%npninfo:
dev.acpi_perf.7.%parent: cpu7
dev.est.%parent:
dev.est.0.%desc: Enhanced SpeedStep Frequency Control
dev.est.0.%driver: est
dev.est.0.%location:
dev.est.0.%npninfo:
dev.est.0.%parent: cpu0
dev.est.0.%freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362

```

```

dev.est.1.%desc: Enhanced SpeedStep Frequency Control
dev.est.1.%driver: est
dev.est.1.%location:
dev.est.1.%pnpinfo:
dev.est.1.%parent: cpu1
dev.est.1.freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362
dev.est.2.%desc: Enhanced SpeedStep Frequency Control
dev.est.2.%driver: est
dev.est.2.%location:
dev.est.2.%pnpinfo:
dev.est.2.%parent: cpu2
dev.est.2.freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362
dev.est.3.%desc: Enhanced SpeedStep Frequency Control
dev.est.3.%driver: est
dev.est.3.%location:
dev.est.3.%pnpinfo:
dev.est.3.%parent: cpu3
dev.est.3.freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362
dev.est.4.%desc: Enhanced SpeedStep Frequency Control
dev.est.4.%driver: est
dev.est.4.%location:
dev.est.4.%pnpinfo:
dev.est.4.%parent: cpu4
dev.est.4.freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362
dev.est.5.%desc: Enhanced SpeedStep Frequency Control
dev.est.5.%driver: est
dev.est.5.%location:
dev.est.5.%pnpinfo:
dev.est.5.%parent: cpu5
dev.est.5.freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362
dev.est.6.%desc: Enhanced SpeedStep Frequency Control
dev.est.6.%driver: est
dev.est.6.%location:
dev.est.6.%pnpinfo:
dev.est.6.%parent: cpu6
dev.est.6.freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362
dev.est.7.%desc: Enhanced SpeedStep Frequency Control
dev.est.7.%driver: est
dev.est.7.%location:
dev.est.7.%pnpinfo:
dev.est.7.%parent: cpu7
dev.est.7.freq_settings: 3401/80000 3400/80000 3200/73495 3000/67226 2800/61202 2700/58269 2500/52572 2300/47109 2100/41853 1900/36813
1700/32645 1500/28007 1400/25765 1200/21437 1000/17302 800/13362
dev.cpubfreq.%parent:
dev.cpubfreq.0.%desc:
dev.cpubfreq.0.%driver: cpufreq
dev.cpubfreq.0.%location:
dev.cpubfreq.0.%pnpinfo:
dev.cpubfreq.0.%parent: cpu0
dev.cpubfreq.1.%desc:
dev.cpubfreq.1.%driver: cpufreq
dev.cpubfreq.1.%location:
dev.cpubfreq.1.%pnpinfo:
dev.cpubfreq.1.%parent: cpu1
dev.cpubfreq.2.%desc:
dev.cpubfreq.2.%driver: cpufreq
dev.cpubfreq.2.%location:
dev.cpubfreq.2.%pnpinfo:
dev.cpubfreq.2.%parent: cpu2
dev.cpubfreq.3.%desc:
dev.cpubfreq.3.%driver: cpufreq
dev.cpubfreq.3.%location:
dev.cpubfreq.3.%pnpinfo:
dev.cpubfreq.3.%parent: cpu3
dev.cpubfreq.4.%desc:
dev.cpubfreq.4.%driver: cpufreq
dev.cpubfreq.4.%location:
dev.cpubfreq.4.%pnpinfo:
dev.cpubfreq.4.%parent: cpu4
dev.cpubfreq.5.%desc:
dev.cpubfreq.5.%driver: cpufreq
dev.cpubfreq.5.%location:
dev.cpubfreq.5.%pnpinfo:
dev.cpubfreq.5.%parent: cpu5
dev.cpubfreq.6.%desc:
dev.cpubfreq.6.%driver: cpufreq
dev.cpubfreq.6.%location:
dev.cpubfreq.6.%pnpinfo:
dev.cpubfreq.6.%parent: cpu6
dev.cpubfreq.7.%desc:
dev.cpubfreq.7.%driver: cpufreq
dev.cpubfreq.7.%location:
dev.cpubfreq.7.%pnpinfo:
dev.cpubfreq.7.%parent: cpu7
dev.p4tcc.%parent:

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dev.p4tcc.0.%desc: CPU Frequency Thermal Control
dev.p4tcc.0.%driver: p4tcc
dev.p4tcc.0.%location:
dev.p4tcc.0.%pnpinfo:
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.%location:
dev.p4tcc.1.%pnpinfo:
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.%location:
dev.p4tcc.2.%pnpinfo:
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.%location:
dev.p4tcc.3.%pnpinfo:
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.%location:
dev.p4tcc.4.%pnpinfo:
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.%location:
dev.p4tcc.5.%pnpinfo:
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.%location:
dev.p4tcc.6.%pnpinfo:
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.%location:
dev.p4tcc.7.%pnpinfo:
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.uhub.%parent:
dev.uhub.0.%desc: 0x8086 XHCI root HUB, class 9/0, rev 3.00/1.00, addr 1
dev.uhub.0.%driver: uhub
dev.uhub.0.%location:
dev.uhub.0.%pnpinfo:
dev.uhub.0.%parent: usb0
dev.uhub.1.%desc: vendor=0x0409 product=0x005a, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.1.%driver: uhub
dev.uhub.1.%location: bus=0 hubaddr=1 port=4 devaddr=2 interface=0
dev.uhub.1.%pnpinfo: vendor=0x0409 product=0x005a devclass=0x09 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x09
intsubclass=0x00 intprotocol=0x00
dev.uhub.1.%parent: uhub0
dev.ukbd.%parent:
dev.ukbd.0.%desc: Topre Corporation HHKB Professional, class 0/0, rev 1.10/1.02, addr 2
dev.ukbd.0.%driver: ukbd
dev.ukbd.0.%location: bus=0 hubaddr=2 port=1 devaddr=3 interface=0
dev.ukbd.0.%pnpinfo: vendor=0x0853 product=0x0100 devclass=0x00 devsubclass=0x00 sernum="" release=0x0102 mode=host intclass=0x03
intsubclass=0x01 intprotocol=0x01
dev.ukbd.0.%parent: uhub1
dev.ukbd.1.%desc: Keyboard Interface
dev.ukbd.1.%driver: ukbd
dev.ukbd.1.%location: bus=0 hubaddr=1 port=10 devaddr=4 interface=0
dev.ukbd.1.%pnpinfo: vendor=0x046b product=0xff10 devclass=0x00 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x03
intsubclass=0x01 intprotocol=0x01
dev.ukbd.1.%parent: uhub0
dev.ums.%parent:
dev.ums.0.%desc: Mouse Interface
dev.ums.0.%driver: ums
dev.ums.0.%location: bus=0 hubaddr=1 port=10 devaddr=4 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: uhub0
dev.ums.0.parseinfo: i1: Z:r0, p40, s8; B1:r0, p0, s1; B2:r0, p1, s1; B3:r0, p2, s1;
dev.umass.%parent:
hptmv.status: RocketRAID 18xx SATA Controller driver Version v1.16

```

システム起動時メッセージ

```
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FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014
    root@releng1.nyi.freebsd.org:/usr/obj/usr/src/sys/GENERIC amd64
FreeBSD clang version 3.4.1 (tags/RELEASE_34/dot1-final 208032) 20140512
CPU: Intel(R) Xeon(R) CPU E3-1230 v5 @ 3.40GHz (3408.11-MHz K8-class CPU)
    Origin = "GenuineIntel" Id = 0x506e3 Family = 0x6 Model = 0x5e Stepping = 3

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=0x7ffafbff<SSE3,PCLMULQDQ,DTES64,MON,DS_CPL,VMX,SMX,EST,TM2,SSSE3,
<b11>,FMA,CX16,xTPR,PDCM,PCID,SSE4.1,SSE4.2,x2APIC,MOVBE,POPCNT,TSCDLT,AESNI,XSAVE,OSXSAVE,AVX,F16C,RDRAND>
    AMD Features=0x2c100800<SYSCALL,NX,Page1GB,RDTSCP,LM>
    AMD Features2=0x121<LAHF,ABM,Prefetch>
    Structured Extended Features=0x29c6fbf<FSGSBASE,TSCADJ,BMI1,HLE,AVX2,SMEP,BMI2,ERMS,INVPCID,RTM,MPX,RDSEED,ADX,SMAP,CLFLUSHOPT,PROCTRACE>
    VT-x: PAT,HLT,MTF,PAUSE,EPT,UG,VPIID
    TSC: P-state invariant, performance statistics
real memory = 17179869184 (16384 MB)
avail memory = 16489193472 (15725 MB)
Event timer "LAPIC" quality 600
ACPI APIC Table: <AMI 0707 >
FreeBSD/SMP: Multiprocessor System Detected: 8 CPUs
FreeBSD/SMP: 1 package(s) x 4 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
ACPI Error: Gpe0Block - 32-bit FADT register is too long (32 bytes, 256 bits) to convert to GAS struct - 255 bits max, truncating
(20130823/tbxfadt-223)
ioapic0 <Version 2.0> irq 0-119 on motherboard
kbd1 at kbdmux0
random: <Software, Yarrow> initialized
acpi0: <AMI 0707> on motherboard
acpi0: Power Button (fixed)
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
hpet0: <High Precision Event Timer> iomem 0xfed00000-0xfed003ff on acpi0
Timecounter "HPET" frequency 24000000 Hz quality 950
Event timer "HPET" frequency 24000000 Hz quality 550
atrtc0: <AT realtime clock> port 0x70-0x77 irq 8 on acpi0
atrtc0: Warning: Couldn't map I/O.
Event timer "RTC" frequency 32768 Hz quality 0
attimer0: <AT timer> port 0x40-0x43,0x50-0x53 irq 0 on acpi0
Timecounter "i8254" frequency 1193182 Hz quality 0
Event timer "i8254" frequency 1193182 Hz quality 100
Timecounter "ACPI-fast" frequency 3579545 Hz quality 900
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x1808-0x180b on acpi0
pcib0: <ACPI Host-PCI bridge> port 0xcfc8-0xcfff on acpi0
pci0: <ACPI PCI bus> on pcib0
pcib1: <ACPI PCI-PCI bridge> irq 16 at device 1.0 on pci0
pci1: <ACPI PCI bus> on pcib1
xhci0: <XHCI (generic) USB 3.0 controller> mem 0xdf000000-0xdf0fffff irq 16 at device 20.0 on pci0
xhci0: 32 byte context size.
usb0 on xhci0
pci0: <simple comms> at device 22.0 (no driver attached)
pci0: <simple comms> at device 22.1 (no driver attached)
ahci0: <AHCI SATA controller> port 0xf050-0xf057,0xf040-0xf043,0xf020-0xf03f mem
0xdf010000-0xdf01ffff,0xdf01e000-0xdf01e0ff,0xdf01d000-0xdf01d7ff irq 16 at device 23.0 on pci0
ahci0: AHCI v1.31 with 5 6Gbps ports, Port Multiplier not supported
ahcich0: <AHCI channel> at channel 0 on ahci0
ahcich1: <AHCI channel> at channel 1 on ahci0
ahcich2: <AHCI channel> at channel 2 on ahci0
ahcich3: <AHCI channel> at channel 3 on ahci0
ahcich4: <AHCI channel> at channel 4 on ahci0
ahciem0: <AHCI enclosure management bridge> on ahci0
pcib2: <ACPI PCI-PCI bridge> irq 17 at device 27.0 on pci0
pci48: <ACPI PCI bus> on pcib2
bge0: <1000BASE-T Adapter(4ch), ASIC rev. 0x5719001> mem 0xddfb0000-0xddfbffff,0xddfa0000-0xddfaffff,0xddf90000-0xddf9ffff irq 17 at
device 0.0 on pci48
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: 8c:df:9d:81:8d:4c
```

bge1: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xddf80000-0xddf8ffff,0xddf70000-0xddf7ffff,0xddf60000-0xddf6ffff irq 18 at device 0.1 on pci48
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: 8c:df:9d:81:8d:4d
bge2: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xddf50000-0xddf5ffff,0xddf40000-0xddf4ffff,0xddf30000-0xddf3ffff irq 17 at device 0.2 on pci48
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: 8c:df:9d:81:8d:4e
bge3: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xddf20000-0xddf2ffff,0xddf10000-0xddf1ffff,0xddf00000-0xddf0ffff irq 18 at device 0.3 on pci48
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: 8c:df:9d:81:8d:4f
pcib3: <ACPI PCI-PCI bridge> irq 19 at device 27.3 on pci0
pcib3: failed to allocate initial memory window: 0xde000000-0xdf9fffff
pci95: <ACPI PCI bus> on pcib3
vgapci0: <VGA-compatible display> mem 0xde000000-0xdfefffff,0xdf000000-0xdf7fffff irq 19 at device 0.0 on pci95
vgapci0: Boot video device
pcib4: <ACPI PCI-PCI bridge> irq 16 at device 28.0 on pci0
pci96: <ACPI PCI bus> on pcib4
bge4: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xddeb0000-0xddebffff,0xddea0000-0xddeaffff,0xdde90000-0xdde9ffff irq 16 at device 0.0 on pci96
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: 8c:df:9d:81:8d:40
bge5: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdd800000-0xdd80ffff,0xdd800000-0xdd80ffff,0xdd800000-0xdd80ffff irq 17 at device 0.1 on pci96
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: 8c:df:9d:81:8d:41
bge6: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdd500000-0xdd50ffff,0xdd400000-0xdd40ffff,0xdd300000-0xdd30ffff irq 16 at device 0.2 on pci96
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: 8c:df:9d:81:8d:42
bge7: <1000BASE-T_Adapter(4ch), ASIC rev. 0x5719001> mem 0xdd200000-0xdd20ffff,0xdd100000-0xdd10ffff,0xdd000000-0xdd00ffff irq 17 at device 0.3 on pci96
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: 8c:df:9d:81:8d:43
pcib5: <ACPI PCI-PCI bridge> irq 19 at device 28.3 on pci0
pci143: <ACPI PCI bus> on pcib5
bge8: <Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000> mem 0xdd500000-0xdd50ffff,0xdd400000-0xdd40ffff,0xdd300000-0xdd30ffff irq 19 at device 0.0 on pci143
bge8: APE FW version: NCSI v1.3.12.0
bge8: CHIP ID 0x05720000; ASIC REV 0x5720; CHIP REV 0x57200; PCI-E
miibus8: <MII bus> on bge8
brgphy8: <BCM5720C 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: 40:8d:5c:a9:e5:33
bge9: <Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000> mem 0xdd200000-0xdd20ffff,0xdd100000-0xdd10ffff,0xdd000000-0xdd00ffff irq 16 at device 0.1 on pci143
bge9: APE FW version: NCSI v1.3.12.0
bge9: CHIP ID 0x05720000; ASIC REV 0x5720; CHIP REV 0x57200; PCI-E
miibus9: <MII bus> on bge9
brgphy9: <BCM5720C 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: 40:8d:5c:a9:e5:34
pcib6: <ACPI PCI-PCI bridge> irq 16 at device 28.4 on pci0
pci144: <ACPI PCI bus> on pcib6
LSI MegaRAID SAS FreeBSD mrsas driver version: 06.704.01.01-fbsd
mrsas0: <LSI Invader SAS Controller> port 0xe000-0xe0ff mem 0xdfb20000-0xdfb2ffff,0xdfa00000-0xdfafffff irq 16 at device 0.0 on pci144
mrsas0: Internal command timed out after 180 seconds.
pcib7: <ACPI PCI-PCI bridge> irq 16 at device 29.0 on pci0
pci192: <ACPI PCI bus> on pcib7
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isab0: <ISA bus> on isab0
pci0: <memory> at device 31.2 (no driver attached)
acpi_button0: <Sleep Button> on acpi0
acpi_button1: <Power Button> on acpi0
atkbd0: <Keyboard controller (i8042)> port 0x60,0x64 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbd0
kbd0 at atkbd0
atkbd0: [GIANT-LOCKED]
uart0: <16550 or compatible> port 0x3f8-0x3ff irq 4 flags 0x10 on acpi0

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uart1: <16550 or compatible> port 0x2f8-0x2ff irq 3 on acpi0
orm0: <ISA Option ROM> at iomem 0xc0000-0xc7fff 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
Timecounters tick every 1.000 msec
random: unblocking device.
usb0: 5.0Gbps Super Speed USB v3.0
ugen0.1: <0x8086> at usb0
uhub0: <0x8086 XHCI root HUB, class 9/0, rev 3.00/1.00, addr 1> on usb0
ses0 at ahciem0 bus 0 scbus5 target 0 lun 0
ses0: <AHCI SGPIO Enclosure 1.00 0001> SEMB S-E-S 2.00 device
ses0: SEMB SES Device
da0 at mrsas0 bus 0 scbus6 target 0 lun 0
da0: <LSI MR9362-8i 4.22> Fixed Direct Access SCSI-5 device
da0: Serial Number 0093b0a108b242c71ee04a570bb00506
da0: 150.000MB/s transfers
da0: 2143200MB (4389273600 512 byte sectors: 255H 63S/T 273219C)
cd0 at ahcich4 bus 0 scbus4 target 0 lun 0
cd0: <HL-DT-ST DVDROM DUD0N EV01> Removable CD-ROM SCSI-0 device
cd0: Serial Number B6ARVN3006339
cd0: 150.000MB/s transfers (SATA 1.x, UDMA6, ATAPI 12bytes, PIO 8192bytes)
cd0: Attempt to query device size failed: NOT READY, Medium not present - tray closed
SMP: AP CPU #1 Launched!
SMP: AP CPU #7 Launched!
SMP: AP CPU #6 Launched!
SMP: AP CPU #4 Launched!
SMP: AP CPU #5 Launched!
SMP: AP CPU #2 Launched!
SMP: AP CPU #3 Launched!
Timecounter "TSC-low" frequency 1704056031 Hz quality 1000
Root mount waiting for: usb0
Root mount waiting for: usb0
uhub0: 26 ports with 26 removable, self powered
ugen0.2: <vendor 0x0409> at usb0
uhub1: <vendor 0x0409 product 0x005a, class 9/0, rev 2.00/1.00, addr 1> on usb0
Root mount waiting for: usb0
uhub1: 3 ports with 2 removable, bus powered
ugen0.3: <Topre Corporation> at usb0
ukbd0: <Topre Corporation HHKB Professional, class 0/0, rev 1.10/1.02, addr 2> on usb0
kbd2 at ukbd0
Root mount waiting for: usb0
ugen0.4: <American Megatrends Inc.> at usb0
ukbd1: <Keyboard Interface> on usb0
kbd3 at ukbd1
Root mount waiting for: usb0
Trying to mount root from ufs:/dev/da0p2 [rw]...
ums0: <Mouse Interface> on usb0
ums0: 3 buttons and [Z] coordinates ID=0

```

カーネルデバイスツリー

```
nexus0
  apic0
    I/O memory addresses:
      0xfec00000-0xfec0001f
  ram0
    I/O memory addresses:
      0x0-0x9a7ff
      0x100000-0x6ec0dfff
      0x6ec59000-0x748f4fff
      0x77ff000-0x77ffffff
      0x10000000-0x4877ffff
  acpi0
    Interrupt request lines:
      0x9
    I/O ports:
      0x2e-0x2f
      0x4e-0x4f
      0x61
      0x63
      0x65
      0x67
      0x70
      0x80
      0x92
      0xb2-0xb3
      0x680-0x69f
      0x800-0x87f
      0x164e-0x164f
      0x1800-0x18fe
      0xff00-0xffffe
      0xffff
    I/O memory addresses:
      0xdf800000-0xdf8ffffff
      0xdf914000-0xdf914fff
      0xdfef0000-0xdfefffff
      0xe0000000-0xe000ffff
      0xfed10000-0xfed17fff
      0xfed18000-0xfed18fff
      0xfed19000-0xfed19fff
      0xfed20000-0xfed3ffff
      0xfed45000-0xfed8ffff
      0xfed90000-0xfed93fff
      0xfef00000-0xfefffffff
      0xff000000-0xffffffff
  cpu0
    ACPI I/O ports:
      0x1815
    acpi_perf0
    est0
    p4tcc0
    cpufreq0
  cpu1
    ACPI I/O ports:
      0x1815
    acpi_perf1
    est1
    p4tcc1
    cpufreq1
  cpu2
    ACPI I/O ports:
      0x1815
    acpi_perf2
    est2
    p4tcc2
    cpufreq2
  cpu3
    ACPI I/O ports:
      0x1815
    acpi_perf3
    est3
    p4tcc3
    cpufreq3
  cpu4
    ACPI I/O ports:
      0x1815
    acpi_perf4
    est4
    p4tcc4
    cpufreq4
  cpu5
    ACPI I/O ports:
      0x1815
    acpi_perf5
    est5
    p4tcc5
```

```

cpufreq5
cpu6
  ACPI I/O ports:
    0x1815
acpi_perf6
est6
p4tcc6
cpufreq6
cpu7
  ACPI I/O ports:
    0x1815
acpi_perf7
est7
p4tcc7
cpufreq7
pcib0
  I/O ports:
    0xcf8-0xcff
pci0
  hostb0
  pcib1
    pci1
    xhci0
      Interrupt request lines:
        0x108
      I/O memory addresses:
        0xdf00000-0xdf0ffff
usb0
  uhub0
    uhub1
      ukbd0
      ukbd1
      ums0
ahci0
  Interrupt request lines:
    0x109
  I/O ports:
    0xf020-0xf03f
    0xf040-0xf043
    0xf050-0xf057
  I/O memory addresses:
    0xdf10000-0xdf11fff
    0xdf1d000-0xdf1d7ff
    0xdf1e000-0xdf1e0ff
ahcich0
  I/O memory addresses:
    0xdf1d100-0xdf1d17f
ahcich1
  I/O memory addresses:
    0xdf1d180-0xdf1d1ff
ahcich2
  I/O memory addresses:
    0xdf1d200-0xdf1d27f
ahcich3
  I/O memory addresses:
    0xdf1d280-0xdf1d2ff
ahcich4
  I/O memory addresses:
    0xdf1d300-0xdf1d37f
ahciem0
  I/O memory addresses:
    0xdf1d020-0xdf1d023
    0xdf1d580-0xdf1d587
pcib2
  I/O memory addresses:
    0xddf0000-0xddffff
    0xdfd0000-0xdfdffff
pci48
  bge0
    Interrupt request lines:
      0x10a
    pcib2 prefetch window:
      0xddf9000-0xddf9ffff
      0xddfa000-0xddfaffff
      0xddfb000-0xddfbffff
    miibus0
    brgphy0
  bge1
    Interrupt request lines:
      0x10b
    pcib2 prefetch window:
      0xddf6000-0xddf6ffff
      0xddf7000-0xddf7ffff
      0xddf8000-0xddf8ffff
    miibus1
    brgphy1
  bge2
    Interrupt request lines:
      0x10c
    pcib2 prefetch window:
      0xddf3000-0xddf3ffff

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        0xddf40000-0xddf4ffff
        0xddf50000-0xddf5ffff
miibus2
  brgphy2
bge3
  Interrupt request lines:
    0x10d
  pcib2 prefetch window:
    0xddf00000-0xddf0ffff
    0xddf10000-0xddf1ffff
    0xddf20000-0xddf2ffff
miibus3
  brgphy3
pcib3
  I/O memory addresses:
    0xde000000-0xdeffffff
    0xdf000000-0xdf7fffff
pci95
  vgapci0
    pcib3 memory window:
      0xdf000000-0xdf7fffff
    pcib3 prefetch window:
      0xde000000-0xdeffffff
pcib4
  I/O memory addresses:
    0xdde00000-0xddeffffff
    0xdfc00000-0xdfcfffff
pci96
  bge4
    Interrupt request lines:
      0x10e
    pcib4 prefetch window:
      0xdde90000-0xdde9ffff
      0xddea0000-0xddeaffff
      0xddeb0000-0xddebffff
miibus4
  brgphy4
bge5
  Interrupt request lines:
    0x10f
  pcib4 prefetch window:
    0xdde60000-0xdde6ffff
    0xdde70000-0xdde7ffff
    0xdde80000-0xdde8ffff
miibus5
  brgphy5
bge6
  Interrupt request lines:
    0x110
  pcib4 prefetch window:
    0xdde30000-0xdde3ffff
    0xdde40000-0xdde4ffff
    0xdde50000-0xdde5ffff
miibus6
  brgphy6
bge7
  Interrupt request lines:
    0x111
  pcib4 prefetch window:
    0xdde00000-0xdde0ffff
    0xdde10000-0xdde1ffff
    0xdde20000-0xdde2ffff
miibus7
  brgphy7
pcib5
  I/O memory addresses:
    0xdd000000-0xddffffff
pci143
  bge8
    Interrupt request lines:
      0x112
    pcib5 prefetch window:
      0xdd300000-0xdd33ffff
      0xdd400000-0xdd44ffff
      0xdd500000-0xdd55ffff
miibus8
  brgphy8
bge9
  Interrupt request lines:
    0x113
  pcib5 prefetch window:
    0xdd000000-0xdd0fffff
    0xdd100000-0xdd1fffff
    0xdd200000-0xdd2fffff
miibus9
  brgphy9
pcib6
  I/O ports:
    0xe000-0xefff
  I/O memory addresses:
    0xdfa00000-0xdfbfffff

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```

pci144
  mrsas0
    Interrupt request lines:
      0x10
    pcib6 I/O port window:
      0xe000-0xe0ff
    pcib6 memory window:
      0xdfa00000-0xdfafffff
      0xdfb20000-0xdfb2ffff
pci192
  isab0
    isa0
      sc0
      vga0
        I/O ports:
          0x3c0-0x3df
        I/O memory addresses:
          0xa0000-0xbffff
    orm0
      I/O memory addresses:
        0xc0000-0xc7fff
atkbd0
  Interrupt request lines:
    0x1
  I/O ports:
    0x60
    0x64
atkbd0
psmcpnp0
acpi_sysresource0
uart0
  Interrupt request lines:
    0x4
  I/O ports:
    0x3f8-0x3ff
uart1
  Interrupt request lines:
    0x3
  I/O ports:
    0x2f8-0x2ff
hpet0
  Interrupt request lines:
    0x100
    0x101
    0x102
    0x103
    0x104
    0x105
    0x106
    0x107
  I/O memory addresses:
    0xfed00000-0xfed003ff
fpupnp0
  I/O ports:
    0xf0
acpi_sysresource1
acpi_sysresource2
atrtc0
  Interrupt request lines:
    0x8
attimer0
  Interrupt request lines:
    0x0
  I/O ports:
    0x40-0x43
    0x50-0x53
acpi_sysresource3
acpi_sysresource4
acpi_sysresource5
acpi_sysresource6
pci_link0
pci_link1
pci_link2
pci_link3
pci_link4
pci_link5
pci_link6
pci_link7
acpi_button0
acpi_button1
acpi_timer0
  ACPI I/O ports:
    0x1808-0x180b

```


PCIバスデータ詳細一覧

```
hostb0@pci0:0:0:0:    class=0x060000 card=0x80691bcf chip=0x19188086 rev=0x07 hdr=0x00
  vendor    = 'Intel Corporation'
  class     = bridge
  subclass  = HOST-PCI
  cap 09[e0] = vendor (length 16) Intel cap 0 version 1
pcib1@pci0:0:1:0:    class=0x060400 card=0x80691bcf chip=0x19018086 rev=0x07 hdr=0x01
  vendor    = 'Intel Corporation'
  class     = bridge
  subclass  = PCI-PCI
  cap 0d[88] = PCI Bridge card=0x80691bcf
  cap 01[80] = powerspec 3 supports D0 D3 current D0
  cap 05[90] = MSI supports 1 message
  cap 10[a0] = PCI-Express 2 root port slot max data 256(256) link x0(x16)
              speed 0.0(8.0) ASPM disabled(L0s/L1)
  ecap 0002[100] = VC 1 max VC0
  ecap 0005[140] = Root Complex Link Declaration 1
  ecap 0019[d94] = PCIe Sec 1 lane errors 0
xhci0@pci0:0:20:0:   class=0x0c0330 card=0x80691bcf chip=0xa12f8086 rev=0x31 hdr=0x00
  vendor    = 'Intel Corporation'
  class     = serial bus
  subclass  = USB
  cap 01[70] = powerspec 2 supports D0 D3 current D0
  cap 05[80] = MSI supports 8 messages, 64 bit enabled with 1 message
none0@pci0:0:22:2:   class=0x118000 card=0x80691bcf chip=0xa1318086 rev=0x31 hdr=0x00
  vendor    = 'Intel Corporation'
  class     = dasp
  cap 01[50] = powerspec 3 supports D0 D3 current D0
  cap 05[80] = MSI supports 1 message
none1@pci0:0:22:0:   class=0x078000 card=0x80691bcf chip=0xa13a8086 rev=0x31 hdr=0x00
  vendor    = 'Intel Corporation'
  class     = simple comms
  cap 01[50] = powerspec 3 supports D0 D3 current D0
  cap 05[8c] = MSI supports 1 message, 64 bit
none2@pci0:0:22:1:   class=0x078000 card=0x80691bcf chip=0xa13b8086 rev=0x31 hdr=0x00
  vendor    = 'Intel Corporation'
  class     = simple comms
  cap 01[50] = powerspec 3 supports D0 D3 current D0
  cap 05[8c] = MSI supports 1 message, 64 bit
ahci0@pci0:0:23:0:   class=0x010601 card=0x80691bcf chip=0xa1028086 rev=0x31 hdr=0x00
  vendor    = 'Intel Corporation'
  class     = mass storage
  subclass  = SATA
  cap 05[80] = MSI supports 1 message enabled with 1 message
  cap 01[70] = powerspec 3 supports D0 D3 current D0
  cap 12[a8] = SATA Index-Data Pair
pcib2@pci0:0:27:0:   class=0x060400 card=0x80691bcf chip=0xa1688086 rev=0xf1 hdr=0x01
  vendor    = 'Intel Corporation'
  class     = bridge
  subclass  = PCI-PCI
  cap 10[40] = PCI-Express 2 root port slot max data 256(256) link x1(x1)
              speed 5.0(8.0)
  cap 05[80] = MSI supports 1 message
  cap 0d[90] = PCI Bridge card=0x80691bcf
  cap 01[a0] = powerspec 3 supports D0 D3 current D0
  ecap 0001[100] = AER 1 0 fatal 0 non-fatal 0 corrected
  ecap 000d[140] = ACS 1
  ecap 0019[220] = PCIe Sec 1 lane errors 0
pcib3@pci0:0:27:3:   class=0x060400 card=0x80691bcf chip=0xa16a8086 rev=0xf1 hdr=0x01
  vendor    = 'Intel Corporation'
  class     = bridge
  subclass  = PCI-PCI
  cap 10[40] = PCI-Express 2 root port slot max data 256(256) link x1(x1)
              speed 2.5(8.0)
  cap 05[80] = MSI supports 1 message
  cap 0d[90] = PCI Bridge card=0x80691bcf
  cap 01[a0] = powerspec 3 supports D0 D3 current D0
  ecap 0001[100] = AER 1 0 fatal 1 non-fatal 0 corrected
  ecap 000d[140] = ACS 1
  ecap 0019[220] = PCIe Sec 1 lane errors 0
pcib4@pci0:0:28:0:   class=0x060400 card=0x80691bcf chip=0xa1188086 rev=0xf1 hdr=0x01
  vendor    = 'Intel Corporation'
  class     = bridge
  subclass  = PCI-PCI
  cap 10[40] = PCI-Express 2 root port slot max data 256(256) link x2(x2)
              speed 5.0(8.0)
  cap 05[80] = MSI supports 1 message
  cap 0d[90] = PCI Bridge card=0x80691bcf
  cap 01[a0] = powerspec 3 supports D0 D3 current D0
  ecap 0001[100] = AER 1 0 fatal 0 non-fatal 0 corrected
  ecap 000d[140] = ACS 1
  ecap 0019[220] = PCIe Sec 1 lane errors 0
pcib5@pci0:0:28:3:   class=0x060400 card=0x80691bcf chip=0xa1138086 rev=0xf1 hdr=0x01
  vendor    = 'Intel Corporation'
  class     = bridge
  subclass  = PCI-PCI
```

```

cap 10[40] = PCI-Express 2 root port slot max data 256(256) link x1(x1)
            speed 5.0(8.0)
cap 05[80] = MSI supports 1 message
cap 0d[90] = PCI Bridge card=0x80691bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000d[140] = ACS 1
ecap 0019[220] = PCIe Sec 1 lane errors 0
pcib6@pci0:0:28:4: class=0x060400 card=0x80691bcf chip=0xa1148086 rev=0xf1 hdr=0x01
vendor      = 'Intel Corporation'
class       = bridge
subclass    = PCI-PCI
cap 10[40] = PCI-Express 2 root port slot max data 256(256) link x4(x4)
            speed 8.0(8.0)
cap 05[80] = MSI supports 1 message
cap 0d[90] = PCI Bridge card=0x80691bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000d[140] = ACS 1
ecap 0019[220] = PCIe Sec 1 lane errors 0
pcib7@pci0:0:29:0: class=0x060400 card=0x80691bcf chip=0xa1188086 rev=0xf1 hdr=0x01
vendor      = 'Intel Corporation'
class       = bridge
subclass    = PCI-PCI
cap 10[40] = PCI-Express 2 root port slot max data 128(256) link x0(x4)
            speed 0.0(8.0)
cap 05[80] = MSI supports 1 message
cap 0d[90] = PCI Bridge card=0x80691bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000d[140] = ACS 1
ecap 0019[220] = PCIe Sec 1 lane errors 0
isab0@pci0:0:31:0: class=0x060100 card=0x80691bcf chip=0xa1498086 rev=0x31 hdr=0x00
vendor      = 'Intel Corporation'
class       = bridge
subclass    = PCI-ISA
none3@pci0:0:31:2: class=0x058000 card=0x80691bcf chip=0xa1218086 rev=0x31 hdr=0x00
vendor      = 'Intel Corporation'
class       = memory
none4@pci0:0:31:4: class=0x0c0500 card=0x80691bcf chip=0xa1238086 rev=0x31 hdr=0x00
vendor      = 'Intel Corporation'
class       = serial bus
subclass    = SMBus
bge0@pci0:48:0:0: class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x1(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 00008cdf9d818d4c
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge1@pci0:48:0:1: class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x1(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 00008cdf9d818d4d
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge2@pci0:48:0:2: class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x1(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 00008cdf9d818d4e
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0

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bge3@pci0:48:0:3:      class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x1(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 00008cdf9d818d4f
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
vgapci0@pci0:95:0:0:  class=0x030000 card=0x80691bcf chip=0x0522102b rev=0x00 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 256(256) link x1(x1)
             speed 2.5(2.5) ASPM disabled(L0s)
cap 05[54] = MSI supports 1 message
bge4@pci0:96:0:0:      class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x2(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 00008cdf9d818d40
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge5@pci0:96:0:1:      class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x2(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 00008cdf9d818d41
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge6@pci0:96:0:2:      class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x2(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 00008cdf9d818d42
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge7@pci0:96:0:3:      class=0x020000 card=0x80641bcf 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x2(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 00008cdf9d818d43
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge8@pci0:143:0:0:     class=0x020000 card=0x80691bcf chip=0x165f14e4 rev=0x00 hdr=0x00
vendor      = 'Broadcom Corporation'

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device = 'NetXtreme BCM5720 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x1(x2)
    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 0000408d5ca9e533
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge9@pci:0:143:0:1: class=0x020000 card=0x80691bcf chip=0x165f14e4 rev=0x00 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme BCM5720 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[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 256(256) FLR link x1(x2)
    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 0000408d5ca9e534
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
mrsas0@pci:0:144:0:0: class=0x010400 card=0x93641000 chip=0x005d1000 rev=0x02 hdr=0x00
vendor = 'LSI Logic / Symbios Logic'
device = 'MegaRAID SAS-3 3108 [Invader]'
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 x4(x8)
    speed 8.0(8.0) ASPM disabled(L0s)
cap 03[d0] = VPD
cap 05[a8] = MSI supports 1 message, 64 bit, vector masks
cap 11[c0] = MSI-X supports 97 messages
    Table in map 0x14[0xe000], PBA in map 0x14[0xf000]
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

```

ACPI電源管理データ詳細一覧

```
RSD PTR: OEM=AMI, ACPI_Rev=2.0x (2)
XSDT=0x75778080, length=36, cksum=240
XSDT: Length=132, Revision=1, Checksum=48,
OEMID=AMI, OEM Table ID=0707, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
Entries={ 0x7578e378, 0x7578e488, 0x7578e548, 0x7578e5e8, 0x7578e628, 0x7578e660, 0x7578e9d0, 0x75791b38,
0x75791ef8, 0x75791f68 }
FACP: Length=268, Revision=5, Checksum=189,
OEMID=AMI, OEM Table ID=0707, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
FACS=0x75f48f80, DSDT=0x75778198
INT_MODEL=APIC
Preferred_PM_Profile=Enterprise Server (4)
SCI_INT=9
SMI_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0
PSTATE_CNT=0x0
PM1a_EVT_BLK=0x1800-0x1803
PM1a_CNT_BLK=0x1804-0x1805
PM2_CNT_BLK=0x1850-0x1850
PM_TMR_BLK=0x1808-0x180b
GPE0_BLK=0x1880-0x189f
P_LVL2_LAT=101 us, P_LVL3_LAT=1001 us
FLUSH_SIZE=1024, FLUSH_STRIDE=16
DUTY_OFFSET=0, DUTY_WIDTH=0
DAY_ALRM=7, MON_ALRM=8, CENTURY=50
IAPC_BOOT_ARCH={LEGACY_DEVICES,NO_ASPM}
Flags=
{WBINVD,C1_SUPPORTED,C2_MP_SUPPORTED,SLEEP_BUTTON,S4_RTC_WAKE,DOCKING_SUPPORTED,RESET_REGISTER,PLATFORM_CLOCK,S4_RTC_VALID,REMOTE_POWER_ON}
RESET_REG=0xfdae0510:0[8] (Memory), RESET_VALUE=0
FACS: Length=64, HwSig=0x9b26372b, FirmWake_Vec=0x00000000
Global_Lock=
Flags=
Version=2
DSDT: Length=90589, Revision=2, Checksum=59,
OEMID=AMI, OEM Table ID=0707, OEM Revision=0x1072009,
Creator ID=INTL, Creator Revision=0x20120913
APIC: Length=188, Revision=3, Checksum=82,
OEMID=AMI, OEM Table ID=0707, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
Local APIC ADDR=0xfe000000
Flags={PC-AT}
Type=Local APIC
ACPI CPU=1
Flags={ENABLED}
APIC ID=0
Type=Local APIC NMI
ACPI CPU=1
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC
ACPI CPU=2
Flags={ENABLED}
APIC ID=2
Type=Local APIC NMI
ACPI CPU=2
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC
ACPI CPU=3
Flags={ENABLED}
APIC ID=4
Type=Local APIC NMI
ACPI CPU=3
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC
ACPI CPU=4
Flags={ENABLED}
APIC ID=6
Type=Local APIC NMI
ACPI CPU=4
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC
ACPI CPU=5
Flags={ENABLED}
APIC ID=1
Type=Local APIC NMI
ACPI CPU=5
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC
ACPI CPU=6
Flags={ENABLED}
APIC ID=3
```

```

Type=Local APIC NMI
ACPI CPU=6
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC
ACPI CPU=7
Flags={ENABLED}
APIC ID=5
Type=Local APIC NMI
ACPI CPU=7
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC
ACPI CPU=8
Flags={ENABLED}
APIC ID=7
Type=Local APIC NMI
ACPI CPU=8
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=IO APIC
APIC ID=2
INT BASE=0
ADDR=0x00000000fec00000
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}
FIDT: Length=156, Revision=1, Checksum=81,
OEMID=AMI, OEM Table ID=0707, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
MCFG: Length=60, Revision=1, Checksum=64,
OEMID=AMI, OEM Table ID=0707, OEM Revision=0x1072009,
Creator ID=MSFT, Creator Revision=0x97
Base Address=0x00000000e0000000
Segment Group=0x0000
Start Bus=0
End Bus=255
HPET: Length=56, Revision=1, Checksum=234,
OEMID=AMI, OEM Table ID=0707, OEM Revision=0x1072009,
Creator ID=AMI., Creator Revision=0x5000b
HPET Number=0
ADDR=0xfed00000:0[64] (Memory) HW Rev=0x1
Comparators=7
Counter Size=1
Legacy IRQ routing capable={TRUE}
PCI Vendor ID=0x8086
Minimal Tick=14318
SSDT: Length=877, Revision=1, Checksum=58,
OEMID=SataRe, OEM Table ID=SataTabl, OEM Revision=0x1000,
Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=8099, Revision=2, Checksum=2,
OEMID=SaSsdt, OEM Table ID=SaSsdt, OEM Revision=0x3000,
Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=3672, Revision=2, Checksum=241,
OEMID=CpuRef, OEM Table ID=CpuSsdt, OEM Revision=0x3000,
Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=869, Revision=2, Checksum=252,
OEMID=PmRef, OEM Table ID=Cpu0Tst, OEM Revision=0x3000,
Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=959, Revision=2, Checksum=69,
OEMID=PmRef, OEM Table ID=ApTst, OEM Revision=0x3000,
Creator ID=INTL, Creator Revision=0x20120913
DMAR: Length=112, Revision=1, Checksum=0,
OEMID=INTEL, OEM Table ID=SKL, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x1
Host Address Width=39
Flags={INTR_REMAP,X2APIC_OPT_OUT}
Type=DRHD
Length=32
Flags={INCLUDE_ALL}
Segment=0
Address=0xfed90000
Type=IOAPIC
Length=8
EnumerationId=2
StartBusNumber=240
Path={31:0}
Type=HPET
Length=8
EnumerationId=0
StartBusNumber=0
Path={31:0}
Type=RMRR
Length=32

```

```
Segment=0
BaseAddress=0x754eb000
LimitAddress=0x7550afff
    Type=PCI Endpoint Device
    Length=8
    EnumerationId=0
    StartBusNumber=0
    Path={20:0}
BERT: Length=48, Revision=1, Checksum=224,
OEMID=AMI, OEM Table ID=AMI.BERT, OEM Revision=0x0,
Creator ID=AMI., Creator Revision=0x0
    ADBG (Concatenate ("EMH4=", ToDecimalString (EMH4)))
ADBG (Concatenate ("_PTS=", ToHexString (Arg0)))
    ADBG (Concatenate ("PEPC = ", ToHexString (PEPC)))
```

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 8c:df:9d:81:8d:4c
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 8c:df:9d:81:8d:4d
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 8c:df:9d:81:8d:4e
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 8c:df:9d:81:8d:4f
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 8c:df:9d:81:8d:40
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 8c:df:9d:81:8d:41
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 8c:df:9d:81:8d:42
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 8c:df:9d:81:8d:43
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect
bge8: flags=8843<UP, BROADCAST, RUNNING, SIMPLEX, MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>
ether 40:8d:5c:a9:e5:33
nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
media: Ethernet autoselect (none)
status: no carrier
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 40:8d:5c:a9:e5:34
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 0xb
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	11 root	wheel	512 May 23 20:49 /dev
97	0 lrwxr-xr-x	1 root	wheel	12 May 23 11:50 /dev/log ->
/var/run/log				
124	0 lrwxr-xr-x	1 root	wheel	10 May 23 20:49 /dev/dumpdev ->
/dev/da0p3				
3	0 crw-----	1 root	wheel	0x3 May 23 11:50 /dev/console
4	0 crw-r-----	1 root	operator	0x4 May 23 11:49 /dev/geom.ctl
5	0 cr--r--r--	1 root	wheel	0x5 May 23 11:49 /dev/sndstat
6	0 crw-----	1 root	wheel	0x6 May 23 11:49 /dev/devctl
7	0 crw-----	1 root	wheel	0x7 May 23 11:49 /dev/kbdmux0
8	0 lrwxr-xr-x	1 root	wheel	7 May 23 11:49 /dev/kbd1 ->
kbdmux0				
9	0 crw-r-----	1 root	kmem	0x9 May 23 11:49 /dev/mem
10	0 crw-r-----	1 root	kmem	0xa May 23 11:49 /dev/kmem
11	0 crw-rw-rw-	1 root	wheel	0xb May 23 11:49 /dev/tty
12	0 crw-----	1 root	wheel	0xc May 23 11:49 /dev/bpf
13	0 lrwxr-xr-x	1 root	wheel	3 May 23 11:49 /dev/bpf0 -> bpf
14	0 crw-----	1 root	wheel	0xe May 23 11:49 /dev/fido
15	0 crw-rw-rw-	1 root	wheel	0xf May 24 13:11 /dev/null
16	0 crw-rw-rw-	1 root	wheel	0x10 May 23 11:49 /dev/zero
17	0 crw-r--r--	1 root	wheel	0x11 May 23 11:49 /dev/pci
18	0 crw-----	1 root	kmem	0x12 May 23 11:49 /dev/nfslock
19	0 crw-----	1 root	kmem	0x13 May 23 11:49 /dev/audit
20	0 crw-rw-rw-	1 root	wheel	0x14 May 23 20:49 /dev/random
21	0 lrwxr-xr-x	1 root	wheel	6 May 23 11:49 /dev/urandom ->
random				
118	1 dr-xr-xr-x	2 root	wheel	512 May 23 11:49 /dev/fd
22	0 crw-rw-rw-	1 root	wheel	0x16 May 23 11:49 /dev/fd/0
24	0 crw-rw-rw-	1 root	wheel	0x18 May 23 11:49 /dev/fd/1
26	0 crw-rw-rw-	1 root	wheel	0x1a May 23 11:49 /dev/fd/2
23	0 lrwxr-xr-x	1 root	wheel	4 May 23 11:49 /dev/stdin -> fd/0
25	0 lrwxr-xr-x	1 root	wheel	4 May 23 11:49 /dev/stdout -> fd/1
27	0 lrwxr-xr-x	1 root	wheel	4 May 23 11:49 /dev/stderr -> fd/2
28	0 crw-----	1 root	wheel	0x1c May 23 11:49 /dev/io
29	0 crw-rw-rw-	1 root	wheel	0x1d May 23 11:49 /dev/midistat
30	0 crw-----	1 root	wheel	0x1e May 23 11:49 /dev/systemouse
31	0 crw-----	1 root	wheel	0x1f May 23 11:49 /dev/klog
32	0 crw-r--r--	1 root	wheel	0x20 May 23 11:49 /dev/acpi
33	0 crw-rw-rw-	1 root	operator	0x21 May 23 11:49 /dev/apmctl
34	0 crw-rw-rw-	1 root	operator	0x22 May 23 11:49 /dev/apm
119	1 dr-xr-xr-x	2 root	wheel	512 May 23 11:49 /dev/led
35	0 crw-----	1 root	wheel	0x23 May 23 11:49 /dev/led
/ahci0.0.locate				
36	0 crw-----	1 root	wheel	0x24 May 23 11:49 /dev/led
/ahci0.0.fault				
37	0 crw-----	1 root	wheel	0x25 May 23 11:49 /dev/led
/ahci0.1.locate				
38	0 crw-----	1 root	wheel	0x26 May 23 11:49 /dev/led
/ahci0.1.fault				
39	0 crw-----	1 root	wheel	0x27 May 23 11:49 /dev/led
/ahci0.2.locate				
40	0 crw-----	1 root	wheel	0x28 May 23 11:49 /dev/led
/ahci0.2.fault				
41	0 crw-----	1 root	wheel	0x29 May 23 11:49 /dev/led
/ahci0.3.locate				
42	0 crw-----	1 root	wheel	0x2a May 23 11:49 /dev/led
/ahci0.3.fault				
43	0 crw-----	1 root	wheel	0x2b May 23 11:49 /dev/led
/ahci0.4.locate				
44	0 crw-----	1 root	wheel	0x2c May 23 11:49 /dev/led
/ahci0.4.fault				
45	0 crw-rw-rw-	1 root	operator	0x2d May 23 11:49 /dev/mrsas0
46	0 crw-----	1 root	wheel	0x2e May 23 11:49 /dev/atkbd0
47	0 lrwxr-xr-x	1 root	wheel	6 May 23 11:49 /dev/kbd0 -> atkbd0
48	0 crw-----	1 root	wheel	0x30 May 23 11:49 /dev/tty0
49	0 crw-----	1 root	wheel	0x31 May 23 11:49 /dev/tty0.init
50	0 crw-----	1 root	wheel	0x32 May 23 11:49 /dev/tty0.lock
51	0 crw-rw-rw-	1 uucp	dialer	0x33 May 23 11:49 /dev/cuau0
52	0 crw-rw-rw-	1 uucp	dialer	0x34 May 23 11:49 /dev/cuau0.init
53	0 crw-rw-rw-	1 uucp	dialer	0x35 May 23 11:49 /dev/cuau0.lock
54	0 crw-----	1 root	wheel	0x36 May 23 11:49 /dev/tty1
55	0 crw-----	1 root	wheel	0x37 May 23 11:49 /dev/tty1.init
56	0 crw-----	1 root	wheel	0x38 May 23 11:49 /dev/tty1.lock
57	0 crw-rw-rw-	1 uucp	dialer	0x39 May 23 11:49 /dev/cuau1
58	0 crw-rw-rw-	1 uucp	dialer	0x3a May 23 11:49 /dev/cuau1.init
59	0 crw-rw-rw-	1 uucp	dialer	0x3b May 23 11:49 /dev/cuau1.lock
60	0 crw-----	1 root	tty	0x3c May 24 13:11 /dev/ttyv0
61	0 crw-----	1 root	wheel	0x3d May 23 11:50 /dev/ttyv1
62	0 crw-----	1 root	wheel	0x3e May 23 11:50 /dev/ttyv2
63	0 crw-----	1 root	wheel	0x3f May 23 11:50 /dev/ttyv3
64	0 crw-----	1 root	wheel	0x40 May 23 11:50 /dev/ttyv4
65	0 crw-----	1 root	wheel	0x41 May 23 11:50 /dev/ttyv5
66	0 crw-----	1 root	wheel	0x42 May 23 11:50 /dev/ttyv6
67	0 crw-----	1 root	wheel	0x43 May 23 11:50 /dev/ttyv7
68	0 crw-----	1 root	wheel	0x44 May 23 11:49 /dev/ttyv8

69	0 crw-----	1 root	wheel	0x45	May 23 11:49	/dev/ttyv9
70	0 crw-----	1 root	wheel	0x46	May 23 11:49	/dev/ttyva
71	0 crw-----	1 root	wheel	0x47	May 23 11:49	/dev/ttyvb
72	0 crw-----	1 root	wheel	0x48	May 23 11:49	/dev/ttyvc
73	0 crw-----	1 root	wheel	0x49	May 23 11:49	/dev/ttyvd
74	0 crw-----	1 root	wheel	0x4a	May 23 11:49	/dev/ttyve
75	0 crw-----	1 root	wheel	0x4b	May 23 11:49	/dev/ttyvf
76	0 crw-----	1 root	wheel	0x4c	May 23 11:49	/dev/conslect1
77	0 crw-----	1 root	wheel	0x4d	May 23 11:49	/dev/ufssuspend
80	0 crw-r--r--	1 root	operator	0x50	May 23 11:49	/dev/usbctl
81	0 crw-----	1 root	operator	0x51	May 23 11:49	/dev/xpt0
82	0 crw-----	1 root	wheel	0x52	May 23 11:49	/dev/mdctl
120	1 dr-xr-xr-x	2 root	wheel	512	May 23 11:49	/dev/usb
83	0 crw-----	1 root	operator	0x53	May 23 11:49	/dev/usb/0.1.0
85	0 crw-----	1 root	operator	0x55	May 23 11:49	/dev/usb/0.1.1
104	0 crw-----	1 root	operator	0x68	May 23 11:49	/dev/usb/0.2.0
106	0 crw-----	1 root	operator	0x6a	May 23 11:49	/dev/usb/0.2.1
107	0 crw-----	1 root	operator	0x6b	May 23 11:49	/dev/usb/0.3.0
109	0 crw-----	1 root	operator	0x6d	May 23 11:49	/dev/usb/0.3.1
112	0 crw-----	1 root	operator	0x70	May 23 11:49	/dev/usb/0.4.0
114	0 crw-----	1 root	operator	0x72	May 23 11:49	/dev/usb/0.4.1
115	0 crw-----	1 root	operator	0x73	May 23 11:49	/dev/usb/0.4.2
84	0 lrwxr-xr-x	1 root	wheel	9	May 23 11:49	/dev/ugen0.1 ->
usb/0.1.0						
86	0 cr--r--r--	1 root	wheel	0x56	May 23 11:49	/dev/devstat
87	0 crw-----	1 root	operator	0x57	May 23 11:49	/dev/pass0
88	0 crw-----	1 root	operator	0x58	May 23 11:49	/dev/pass1
89	0 crw-----	1 root	operator	0x59	May 23 11:49	/dev/pass2
90	0 crw-----	1 root	operator	0x5a	May 23 11:49	/dev/ses0
91	0 crw-r-----	1 root	operator	0x5b	May 23 11:49	/dev/cd0
92	0 crw-r-----	1 root	operator	0x5c	May 23 11:49	/dev/da0
94	0 crw-r-----	1 root	operator	0x5e	May 23 11:49	/dev/da0p1
95	0 crw-r-----	1 root	operator	0x5f	May 23 20:49	/dev/da0p2
96	0 crw-r-----	1 root	operator	0x60	May 23 20:49	/dev/da0p3
122	1 dr-xr-xr-x	2 root	wheel	512	May 23 11:49	/dev/gptid
100	0 crw-r-----	1 root	operator	0x64	May 23 11:49	/dev/gptid
/b57c0dde-1d1f-11e6-8a1f-8cdf9d818d4c						
105	0 lrwxr-xr-x	1 root	wheel	9	May 23 11:49	/dev/ugen0.2 ->
usb/0.2.0						
108	0 lrwxr-xr-x	1 root	wheel	9	May 23 11:49	/dev/ugen0.3 ->
usb/0.3.0						
110	0 crw-----	1 root	wheel	0x6e	May 23 11:49	/dev/ukbd0
111	0 lrwxr-xr-x	1 root	wheel	5	May 23 11:49	/dev/kbd2 -> ukbd0
113	0 lrwxr-xr-x	1 root	wheel	9	May 23 11:49	/dev/ugen0.4 ->
usb/0.4.0						
116	0 crw-----	1 root	wheel	0x74	May 23 11:49	/dev/ukbd1
117	0 lrwxr-xr-x	1 root	wheel	5	May 23 11:49	/dev/kbd3 -> ukbd1
93	0 crw-r--r--	1 root	operator	0x5d	May 23 11:50	/dev/ums0

更新履歷

更新履歴

- 2016年07月13日 FreeBSD動作検証レポート2016年7月13日版作成

FreeBSD動作検証レポート

T110h-S / 9.3-RELEASE

対象ハードウェア

maker:NEC, product:Express5800/T110h-S
[N8100-2301Y], serial:6200112, version:FR1.1

対象OSバージョン

FreeBSD 9.3-RELEASE

2016年7月13日版

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