

FreeBSD動作検証レポート

R120f-2E / 8.4-RELEASE

対象ハードウェア

maker:NEC, product:Express5800/R120f-2E
[N8100-2263Y], serial:5300109, version:FR1.3

対象OSバージョン

FreeBSD 8.4-RELEASE #0 r251259: Sun Jun 2
21:26:57 UTC 2013

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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	cea56917-f9c1-e411-8001-fcaa14a3c4c1
製品データ	maker:NEC, product:Express5800/R120f-2E [N8100-2263Y], serial:5300109, version:FR1.3
筐体データ	maker:NEC, serial:01, tag:_____, version:856-857754-001
CPU	Intel(R) Xeon(R) CPU E5-2603 v3 @ 1.60GHz
MEMORY	67108864[KB]
BIOS	reldate:12/19/2014, vendor:American Megatrends Inc., version:5.0.0005
ACPI	oem:AMI , revision:2, rsdp:0xf0530, rsdt:0x7b0d4028, xsdt:0x000000007b0d4088
OS	FreeBSD 8.4-RELEASE #0 r251259: Sun Jun 2 21:26:57 UTC 2013

基礎性能データ

メモリアクセス速度	11.525 GBi/sec
IPv4スタック処理速度	未検出
IPv6スタック処理速度	未検出

動作検証要約

1wayアーキテクチャ

FreeBSD 8.4-RELEASE #0 r251259: Sun Jun 2 21:26:57 UTC 2013は、BIOSをレガシーモードに設定した状態の検証対象ハードウェア「maker:NEC, product:Express5800/R120f-2E [N8100-2263Y], serial:5300109, version:FR1.3」においてFixitモード環境での動作を確認。FreeBSD 8.4-RELEASEでは、「maker:NEC, product:Express5800/R120f-2E [N8100-2263Y], serial:5300109, version:FR1.3」のLSI MegaRAID SAS 9362-8iを認識できないため、適切に扱うことができない。FreeBSD 10.1-RELEASEではmrsas(4)ドライバで適切に扱えるようになっており、10.1-RELEASEから8.4-RELEASEへmrsas(4)ドライバのバックポートを実施すれば利用できる可能性がある。

2wayアーキテクチャ

FreeBSD 8.4-RELEASE #0 r251259: Sun Jun 2 21:26:57 UTC 2013は、BIOSをレガシーモードに設定し、x2APICの設定を無効化した状態で、検証対象ハードウェア「maker:NEC, product:Express5800/R120f-2E [N8100-2263Y], serial:5300109, version:FR1.3」においてFixitモード環境での動作を確認。

FreeBSD 8.4-RELEASEでは、LSI MegaRAID SAS 9362-8iを認識できないため、適切に扱うことができない。FreeBSD 10.1-RELEASEではmrsas(4)ドライバで適切に扱えるようになっており、10.1-RELEASEから8.4-RELEASEへmrsas(4)ドライバのバックポートを実施すれば利用できる可能性がある。

1way/2way共通

UEFIブートへの対応はFreeBSD 10.2-RELEASEまたはFreeBSD 11.0-RELEASE以降で実現する見通し。FreeBSD 8.4-RELEASEにおいてUEFIブートおよび4Kセクタストレージを使用するには、11.0-CURRENTからバックポートしてカーネルを再構築することで利用できる可能性がある。

BIOSをレガシーモードで使用している場合、基本的にストレージは512セクタの製品を使用することが推奨される。BIOSは4Kセクタのストレージを認識しないため、4Kセクタのストレージを起動対象として処理できない。FreeBSD 10.1-RELEASEであれば、LSI MegaRAID RAIDコントローラドライバとしてmrsas(4)を使用することで利用が可能。

以降の動作検証レポート、詳細データはFixitモード環境より取得した情報となっている。

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=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_BERT	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x1
ACPI_DMAR	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_DSDT	Revision=2, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_FACP	Revision=5, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013, FACS=0x7b641f80, DSDT=0x7b0d41a0, SMI_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0, FLUSH_STRIDE=16, DUTY_WIDTH=3, RESET_VALUE=0xbf
ACPI_FACS	HwSig=0x0000001b, Firm_Wake_Vec=0x00000000
ACPI_FIDT	Length=156, Revision=1, Checksum=213, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_HPET	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_MCFG	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=MSFT, Creator_Revision=0x97
ACPI_RSD_PTR	OEM=AMI, ACPI_Rev=2.0x(2), XSDT=0x7b0d4088
ACPI_SLIT	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_SPCR	Revision=1, OEMID=AMI, OEM_Table ID=APTIO V, OEM_Revision=0x1072009, Creator_ID=AMI., Creator_Revision=0x5
ACPI_SRAT	Revision=3, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_XSDT	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_SSDT_1	Length=31019, Revision=1, Checksum=15, OEMID=AMI, OEM_Table ID=PmMgt, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_2	Length=6370, Revision=2, Checksum=251, OEMID=AMI, OEM_Table ID=SpsNm, OEM_Revision=0x2, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_3	Length=100, Revision=2, Checksum=130, OEMID=AMI, OEM_Table ID=SpsNvs, OEM_Revision=0x2, 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
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※ 対象となるデバイスがmfi(4)ドライバを使用しないストレージ構成の場合、当項目は該当データなし。

MPTデバイス認識データ

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

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

NIC認識データ

NIC	bge0, bge1
bge0	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=fc:aa:14:a3:c4:bf, inet6=fe80::feaa:14ff:fea3:c4bf%bge0 prefixlen 64 scopeid 0x2, inet=192.168.10.69 netmask 0xfffff00 broadcast 192.168.10.255, nd6_options=3<PERFORMNUD, ACCEPT_RTADV>, media=Ethernet autoselect (1000baseT <full-duplex, flowcontrol, rxpause, txpause>), status=active
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=fc:aa:14:a3:c4:c0, media=Ethernet autoselect (none), status=no carrier

カーネルデバイス認識データ

acd0	acpi	ata	atkbd0
audit	bpf	bpf0(bpf)	console
consoectl	ctty	cuau0	cuau0.init
cuau0.lock	cuau1	cuau1.init	cuau1.lock
da0	da0a	dcons	devctl
devstat	dgdb	fd	fd/0
fd/1	fd/2	fido	geom.ctl
io	kbd0(atkbd0)	kbd1(kbdmux0)	kbd2(ukbd0)
kbd3(ukbd1)	kbdmux0	klog	kmem
md0	mdctl	mem	nfslock
null	pass0	pci	ptmx
random	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	ufsid
ugen0.1(usb/0.1.0)	ugen0.2(usb/0.2.0)	ugen0.3(usb/0.3.0)	ugen0.4(usb/0.4.0)
ugen0.5(usb/0.5.0)	ugen1.1(usb/1.1.0)	ugen1.2(usb/1.2.0)	ugen1.3(usb/1.3.0)
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/0.5.0	usb/0.5.1	usb/0.5.2	usb/1.1.0
usb/1.1.1	usb/1.2.0	usb/1.2.1	usb/1.3.0
usb/1.3.1	usb/1.3.2	usbctl	xpt0
zero			

PCI認識データ

1	pci0:255:8:0(none0), class=base peripheral, vendor=, device=
2	pci0:255:8:2(none1), class=dasp, vendor=, device=
3	pci0:255:8:3(none2), class=base peripheral, vendor=, device=
4	pci0:255:11:0(none3), class=base peripheral, vendor=, device=
5	pci0:255:11:1(none4), class=dasp, vendor=, device=
6	pci0:255:11:2(none5), class=dasp, vendor=, device=
7	pci0:255:12:0(none6), class=base peripheral, vendor=, device=
8	pci0:255:12:1(none7), class=base peripheral, vendor=, device=
9	pci0:255:12:2(none8), class=base peripheral, vendor=, device=
10	pci0:255:12:3(none9), class=base peripheral, vendor=, device=
11	pci0:255:12:4(none10), class=base peripheral, vendor=, device=
12	pci0:255:12:5(none11), class=base peripheral, vendor=, device=
13	pci0:255:15:0(none12), class=base peripheral, vendor=, device=
14	pci0:255:15:1(none13), class=base peripheral, vendor=, device=
15	pci0:255:15:4(none14), class=base peripheral, vendor=, device=
16	pci0:255:15:5(none15), class=base peripheral, vendor=, device=
17	pci0:255:15:6(none16), class=base peripheral, vendor=, device=
18	pci0:255:16:0(none17), class=base peripheral, vendor=, device=
19	pci0:255:16:1(none18), class=dasp, vendor=, device=
20	pci0:255:16:5(none19), class=base peripheral, vendor=, device=
21	pci0:255:16:6(none20), class=dasp, vendor=, device=
22	pci0:255:16:7(none21), class=base peripheral, vendor=, device=
23	pci0:255:18:0(none22), class=base peripheral, vendor=, device=
24	pci0:255:18:1(none23), class=dasp, vendor=, device=
25	pci0:255:19:0(none24), class=base peripheral, vendor=, device=
26	pci0:255:19:1(none25), class=base peripheral, vendor=, device=
27	pci0:255:19:2(none26), class=base peripheral, vendor=, device=
28	pci0:255:19:3(none27), class=base peripheral, vendor=, device=
29	pci0:255:19:4(none28), class=base peripheral, vendor=, device=
30	pci0:255:19:5(none29), class=base peripheral, vendor=, device=
31	pci0:255:19:6(none30), class=base peripheral, vendor=, device=
32	pci0:255:19:7(none31), class=base peripheral, vendor=, device=
33	pci0:255:20:0(none32), class=base peripheral, vendor=, device=
34	pci0:255:20:1(none33), class=base peripheral, vendor=, device=
35	pci0:255:20:2(none34), class=base peripheral, vendor=, device=
36	pci0:255:20:3(none35), class=base peripheral, vendor=, device=
37	pci0:255:20:6(none36), class=base peripheral, vendor=, device=
38	pci0:255:20:7(none37), class=base peripheral, vendor=, device=
39	pci0:255:21:0(none38), class=base peripheral, vendor=, device=

40	pci0:255:21:1(none39), class=base peripheral, vendor=, device=
41	pci0:255:21:2(none40), class=base peripheral, vendor=, device=
42	pci0:255:21:3(none41), class=base peripheral, vendor=, device=
43	pci0:255:22:0(none42), class=base peripheral, vendor=, device=
44	pci0:255:22:6(none43), class=base peripheral, vendor=, device=
45	pci0:255:22:7(none44), class=base peripheral, vendor=, device=
46	pci0:255:23:0(none45), class=base peripheral, vendor=, device=
47	pci0:255:23:4(none46), class=base peripheral, vendor=, device=
48	pci0:255:23:5(none47), class=base peripheral, vendor=, device=
49	pci0:255:23:6(none48), class=base peripheral, vendor=, device=
50	pci0:255:23:7(none49), class=base peripheral, vendor=, device=
51	pci0:255:30:0(none50), class=base peripheral, vendor=, device=
52	pci0:255:30:1(none51), class=base peripheral, vendor=, device=
53	pci0:255:30:2(none52), class=base peripheral, vendor=, device=
54	pci0:255:30:3(none53), class=base peripheral, vendor=, device=
55	pci0:255:30:4(none54), class=base peripheral, vendor=, device=
56	pci0:255:31:0(none55), class=base peripheral, vendor=, device=
57	pci0:255:31:2(none56), class=base peripheral, vendor=, device=
58	pci0:127:8:0(none57), class=base peripheral, vendor=, device=
59	pci0:127:8:2(none58), class=dasp, vendor=, device=
60	pci0:127:8:3(none59), class=base peripheral, vendor=, device=
61	pci0:127:11:0(none60), class=base peripheral, vendor=, device=
62	pci0:127:11:1(none61), class=dasp, vendor=, device=
63	pci0:127:11:2(none62), class=dasp, vendor=, device=
64	pci0:127:12:0(none63), class=base peripheral, vendor=, device=
65	pci0:127:12:1(none64), class=base peripheral, vendor=, device=
66	pci0:127:12:2(none65), class=base peripheral, vendor=, device=
67	pci0:127:12:3(none66), class=base peripheral, vendor=, device=
68	pci0:127:12:4(none67), class=base peripheral, vendor=, device=
69	pci0:127:12:5(none68), class=base peripheral, vendor=, device=
70	pci0:127:15:0(none69), class=base peripheral, vendor=, device=
71	pci0:127:15:1(none70), class=base peripheral, vendor=, device=
72	pci0:127:15:4(none71), class=base peripheral, vendor=, device=
73	pci0:127:15:5(none72), class=base peripheral, vendor=, device=
74	pci0:127:15:6(none73), class=base peripheral, vendor=, device=
75	pci0:127:16:0(none74), class=base peripheral, vendor=, device=
76	pci0:127:16:1(none75), class=dasp, vendor=, device=
77	pci0:127:16:5(none76), class=base peripheral, vendor=, device=
78	pci0:127:16:6(none77), class=dasp, vendor=, device=
79	pci0:127:16:7(none78), class=base peripheral, vendor=, device=
80	pci0:127:18:0(none79), class=base peripheral, vendor=, device=

81	pci0:127:18:1(none80), class=dasp, vendor=, device=
82	pci0:127:19:0(none81), class=base peripheral, vendor=, device=
83	pci0:127:19:1(none82), class=base peripheral, vendor=, device=
84	pci0:127:19:2(none83), class=base peripheral, vendor=, device=
85	pci0:127:19:3(none84), class=base peripheral, vendor=, device=
86	pci0:127:19:4(none85), class=base peripheral, vendor=, device=
87	pci0:127:19:5(none86), class=base peripheral, vendor=, device=
88	pci0:127:19:6(none87), class=base peripheral, vendor=, device=
89	pci0:127:19:7(none88), class=base peripheral, vendor=, device=
90	pci0:127:20:0(none89), class=base peripheral, vendor=, device=
91	pci0:127:20:1(none90), class=base peripheral, vendor=, device=
92	pci0:127:20:2(none91), class=base peripheral, vendor=, device=
93	pci0:127:20:3(none92), class=base peripheral, vendor=, device=
94	pci0:127:20:6(none93), class=base peripheral, vendor=, device=
95	pci0:127:20:7(none94), class=base peripheral, vendor=, device=
96	pci0:127:21:0(none95), class=base peripheral, vendor=, device=
97	pci0:127:21:1(none96), class=base peripheral, vendor=, device=
98	pci0:127:21:2(none97), class=base peripheral, vendor=, device=
99	pci0:127:21:3(none98), class=base peripheral, vendor=, device=
100	pci0:127:22:0(none99), class=base peripheral, vendor=, device=
101	pci0:127:22:6(none100), class=base peripheral, vendor=, device=
102	pci0:127:22:7(none101), class=base peripheral, vendor=, device=
103	pci0:127:23:0(none102), class=base peripheral, vendor=, device=
104	pci0:127:23:4(none103), class=base peripheral, vendor=, device=
105	pci0:127:23:5(none104), class=base peripheral, vendor=, device=
106	pci0:127:23:6(none105), class=base peripheral, vendor=, device=
107	pci0:127:23:7(none106), class=base peripheral, vendor=, device=
108	pci0:127:30:0(none107), class=base peripheral, vendor=, device=
109	pci0:127:30:1(none108), class=base peripheral, vendor=, device=
110	pci0:127:30:2(none109), class=base peripheral, vendor=, device=
111	pci0:127:30:3(none110), class=base peripheral, vendor=, device=
112	pci0:127:30:4(none111), class=base peripheral, vendor=, device=
113	pci0:127:31:0(none112), class=base peripheral, vendor=, device=
114	pci0:127:31:2(none113), class=base peripheral, vendor=, device=
115	pci0:0:0:0(hostb0), class=HOST-PCI, vendor=, device=
116	pci0:0:1:0(pcib3), class=PCI-PCI, vendor=, device=
117	pci0:0:2:0(pcib4), class=PCI-PCI, vendor=, device=
118	pci0:0:3:0(pcib5), class=PCI-PCI, vendor=, device=
119	pci0:0:4:0(none114), class=base peripheral, vendor=, device=
120	pci0:0:4:1(none115), class=base peripheral, vendor=, device=
121	pci0:0:4:2(none116), class=base peripheral, vendor=, device=

122	pci0:0:4:3(none117), class=base peripheral, vendor=, device=
123	pci0:0:4:4(none118), class=base peripheral, vendor=, device=
124	pci0:0:4:5(none119), class=base peripheral, vendor=, device=
125	pci0:0:4:6(none120), class=base peripheral, vendor=, device=
126	pci0:0:4:7(none121), class=base peripheral, vendor=, device=
127	pci0:0:5:0(none122), class=base peripheral, vendor=, device=
128	pci0:0:5:1(none123), class=base peripheral, vendor=, device=
129	pci0:0:5:2(none124), class=base peripheral, vendor=, device=
130	pci0:0:5:4(ioapic0), class=interrupt controller, vendor=, device=
131	pci0:0:17:0(none125), class=, vendor=, device=
132	pci0:0:20:0(none126), class=USB, vendor=, device=
133	pci0:0:22:0(none127), class=simple comms, vendor=, device=
134	pci0:0:22:1(none128), class=simple comms, vendor=, device=
135	pci0:0:26:0(ehci0), class=USB, vendor=, device=
136	pci0:0:28:0(pcib6), class=PCI-PCI, vendor=, device=
137	pci0:0:28:2(pcib7), class=PCI-PCI, vendor=, device=
138	pci0:0:28:3(pcib8), class=PCI-PCI, vendor=, device=
139	pci0:0:29:0(ehci1), class=USB, vendor=, device=
140	pci0:0:31:0(isab0), class=PCI-ISA, vendor=, device=
141	pci0:0:31:2(atapci0), class=SATA, vendor=, device=
142	pci0:0:31:3(none129), class=SMBus, vendor=, device=
143	pci0:1:0:0(none130), class=RAID, vendor=, device=
144	pci0:97:0:0(bge0), class=ethernet, vendor=, device=
145	pci0:97:0:1(bge1), class=ethernet, vendor=, device=
146	pci0:98:0:0(vgapci0), class=VGA, vendor=, device=
147	pci0:128:0:0(pcib10), class=PCI-PCI, vendor=, device=
148	pci0:128:1:0(pcib11), class=PCI-PCI, vendor=, device=
149	pci0:128:2:0(pcib12), class=PCI-PCI, vendor=, device=
150	pci0:128:3:0(pcib13), class=PCI-PCI, vendor=, device=
151	pci0:128:4:0(none131), class=base peripheral, vendor=, device=
152	pci0:128:4:1(none132), class=base peripheral, vendor=, device=
153	pci0:128:4:2(none133), class=base peripheral, vendor=, device=
154	pci0:128:4:3(none134), class=base peripheral, vendor=, device=
155	pci0:128:4:4(none135), class=base peripheral, vendor=, device=
156	pci0:128:4:5(none136), class=base peripheral, vendor=, device=
157	pci0:128:4:6(none137), class=base peripheral, vendor=, device=
158	pci0:128:4:7(none138), class=base peripheral, vendor=, device=
159	pci0:128:5:0(none139), class=base peripheral, vendor=, device=
160	pci0:128:5:1(none140), class=base peripheral, vendor=, device=
161	pci0:128:5:2(none141), class=base peripheral, vendor=, device=
162	pci0:128:5:4(ioapic1), class=interrupt controller, vendor=, device=

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

81	0xf8000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
82	0xf9000/0x1000 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	0x380000000000/0x8000000000 BIOS uncacheable set-by-firmware active
91	0xc5000000/0x1000000 BIOS write-through set-by-firmware active
92	0xc6000000/0x1000000 BIOS write-through 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"
acpi_load="YES"
bootfile="kernel"
comconsole_pcidev=""
comconsole_port="1016"
comconsole_speed="9600"
console="vidconsole"
currdev="disk0s4a:"
hint.acpi.0.oem="AMI"
hint.acpi.0.revision="2"
hint.acpi.0.rsdp="0xf0530"
hint.acpi.0.rsdt="0x7b0d4028"
hint.acpi.0.xsdt="0x00000007b0d4088"
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.fd.0.at="fdc0"
hint.fd.0.drive="0"
hint.fd.1.at="fdc0"
hint.fd.1.drive="1"
hint.fdc.0.at="isa"
hint.fdc.0.drq="2"
hint.fdc.0.irq="6"
hint.fdc.0.port="0x3F0"
hint.ppc.0.at="isa"
hint.ppc.0.irq="7"
hint.psm.0.at="atkbd"
hint.psm.0.irq="12"
hint.sc.0.at="isa"
hint.sc.0.flags="0x100"
hint.uart.0.at="isa"
hint.uart.0.flags="0x10"
hint.uart.0.irq="4"
hint.uart.0.port="0x3F8"
hint.uart.1.at="isa"
hint.uart.1.irq="3"
hint.uart.1.port="0x2F8"
hint.wbwd.0.at="isa"
interpret="OK"
kernel="kernel"
kernel_options=""
kernelname="/boot/kernel/kernel"
loaddev="disk0s4a:"
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="12/19/2014"
smbios.bios.vendor="American Megatrends Inc."
smbios.bios.version="5.0.0005"
smbios.chassis.maker="NEC"
smbios.chassis.serial="01"
smbios.chassis.tag=""
smbios.chassis.version="856-857754-001"
smbios.memory.enabled="67108864"
smbios.planar.maker="GIGABYTE"
smbios.planar.product="GA-7WESV-NJ"
smbios.planar.serial="0EKCS2000107"
smbios.planar.version="1.1A"
smbios.socket.enabled="2"
smbios.socket.populated="2"
smbios.system.maker="NEC"
smbios.system.product="Express5800/R120f-2E [N8100-2263Y]"
smbios.system.serial="5300109"
smbios.system.uuid="cea56917-f9c1-e411-8001-fcaa14a3c4c1"
smbios.system.version="FR1.3"
smbios.version="2.7"
```

カーネルステートデータ詳細一覧

```
kern.ostype: FreeBSD
kern.osrelease: 8.4-RELEASE
kern.osrevision: 199506
kern.version: FreeBSD 8.4-RELEASE #0 r251259: Sun Jun  2 21:26:57 UTC 2013
root@bake.isc.freebsd.org:/usr/obj/usr/src/sys/GENERIC
kern.maxvnodes: 1095071
kern.maxproc: 6164
kern.maxfiles: 12328
kern.argmax: 262144
kern.securelevel: -1
kern.hostname:
kern.hostid: 0
kern.clockrate: { hz = 1000, tick = 1000, profhz = 2000, stathz = 133 }
kern.posix1version: 200112
kern.ngroups: 1023
kern.job_control: 1
kern.saved_ids: 0
kern.boottime: { sec = 1435671188, usec = 260232 } Tue Jun 30 13:33:08 2015
kern.domainname:
kern.osreldate: 804000
kern.bootfile: /boot/kernel/kernel
kern.maxfilesperproc: 11095
kern.maxproceruid: 5547
kern.ipc.maxsockbuf: 262144
kern.ipc.sockbuf_waste_factor: 8
kern.ipc.somaxconn: 128
kern.ipc.max_linkhdr: 16
kern.ipc.max_protohdr: 60
kern.ipc.max_hdr: 76
kern.ipc.max_datalen: 92
kern.ipc.nmbjumbo16: 3200
kern.ipc.nmbjumbo9: 6400
kern.ipc.nmbjumbop: 12800
kern.ipc.nmbclusters: 25600
kern.ipc.piperesizeallowed: 1
kern.ipc.piperesizefail: 0
kern.ipc.pipeallocfail: 0
kern.ipc.piperefragetry: 0
kern.ipc.pipekva: 20480
kern.ipc.maxpipekva: 3326537728
kern.ipc.msgseg: 2048
kern.ipc.msgssz: 8
kern.ipc.msgtql: 40
kern.ipc.msgmnb: 2048
kern.ipc.msgmni: 40
kern.ipc.msgmax: 16384
kern.ipc.semaem: 16384
kern.ipc.semvmx: 32767
kern.ipc.semusz: 152
kern.ipc.semume: 10
kern.ipc.semopm: 100
kern.ipc.semmsl: 60
kern.ipc.semnu: 30
kern.ipc.semns: 60
kern.ipc.semni: 10
kern.ipc.semmap: 30
kern.ipc.shm_allow_removed: 0
kern.ipc.shm_use_phys: 0
kern.ipc.shmall: 8192
kern.ipc.shmseg: 128
kern.ipc.shmmni: 192
kern.ipc.shmmin: 1
kern.ipc.shmmax: 33554432
kern.ipc.maxsockets: 25600
kern.ipc.numopensockets: 2
kern.ipc.nsfbufsused: 0
kern.ipc.nsfbufspeak: 0
kern.ipc.nsfbufs: 0
kern.dummy: 0
kern.ps_strings: 140737488355296
kern.usrstack: 140737488355328
kern.logsigexit: 1
kern.iov_max: 1024
kern.hostuid: 00000000-0000-0000-0000-000000000000
kern.cam.debug_delay: 0
kern.cam.dflags: 0
kern.cam.boot_delay: 0
kern.cam.pmp.hide_special: 1
kern.cam.pmp.default_timeout: 30
kern.cam.pmp.retry_count: 1
kern.cam.cam_srch_hi: 0
kern.cam.scsi_delay: 5000
kern.cam.cd.retry_count: 4
```

```

kern.cam.cd.changer.max_busy_seconds: 15
kern.cam.cd.changer.min_busy_seconds: 5
kern.cam.ada.write_cache: 1
kern.cam.ada.read_ahead: 1
kern.cam.ada.spindown_shutdown: 1
kern.cam.ada.send_ordered: 1
kern.cam.ada.default_timeout: 30
kern.cam.ada.retry_count: 4
kern.cam.ada.legacy_aliases: 0
kern.cam.da.send_ordered: 1
kern.cam.da.default_timeout: 60
kern.cam.da.retry_count: 4
kern.cam.da.0.minimum_cmd_size: 10
kern.dcons.poll_hz: 25
kern.disks: da0
kern.geom.disk.da0.led:
kern.geom.collectstats: 1
kern.geom.debugflags: 0
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.ufs.enable: 1
kern.geom.label.ufsid.enable: 1
kern.geom.label.gptid.enable: 1
kern.geom.label.gpt.enable: 1
kern.geom.part.check_integrity: 0
kern.elf64.fallback_brand: -1
kern.init.shutdown_timeout: 120
kern.init_path: /sbin/init:/sbin/oinit:/sbin/init.bak:/rescue/init:/stand/sysinstall
kern.acct_suspended: 0
kern.acct_configured: 0
kern.acct_chkfreq: 15
kern.acct_resume: 4
kern.acct_suspend: 2
kern.cp_times: 1 0 10 247 224923 2 0 4 128 225037 2 0 31 732 224407 1 0 2 1451 223716 2 0 247 733 224187 3 0 3 0 225166 0 0 498 1
224673 1 0 1 488 224679 1 0 3 0 225168 1 0 1466 0 223705 1 0 4 480 224685 0 0 3 0 225169
kern.cp_time: 15 0 2272 4260 2695515
kern.constty_wakeups_per_second: 5
kern.consmgsbuf_size: 8192
kern.consmute: 0
kern.console: ttyv0,dcons,/dcons,ttyv0,uart,ucom,
kern.openfiles: 15
kern.kq_calloutmax: 4096
kern.ps_arg_cache_limit: 256
kern.stackprot: 7
kern.randompid: 0
kern.lastpid: 133
kern.ktrace.request_pool: 100
kern.ktrace.genio_size: 4096
kern.module_path: /boot/kernel;/boot/modules
kern.malloc_count: 269
kern.fallback_elf_brand: -1
kern.features.compat_freebsd7: 1
kern.features.compat_freebsd6: 1
kern.features.compat_freebsd5: 1
kern.features.compat_freebsd4: 1
kern.features.posix_sem: 1
kern.features.posix_shm: 1
kern.features.inet: 1
kern.features.inet6: 1
kern.maxusers: 384
kern.compiler_version: gcc version 4.2.1 20070831 patched [FreeBSD]
kern.ident: GENERIC
kern.kstack_pages: 4
kern.shutdown.kproc_shutdown_wait: 60
kern.shutdown.poweroff_delay: 5000
kern.shutdown.show_busybufs: 0
kern.stop_scheduler_on_panic: 0
kern.sync_on_panic: 0
kern.corefile: %N.core
kern.nodump_coredump: 0
kern.coredump: 1
kern.sugid_coredump: 0
kern.sigqueue.alloc_fail: 0
kern.sigqueue.overflow: 0
kern.sigqueue.preallocate: 1024
kern.sigqueue.max_pending_per_proc: 128
kern.forcesigexit: 1
kern.fscale: 2048
kern.timecounter.tick: 1
kern.timecounter.choice: TSC(-100) HPET(900) ACPI-fast(1000) i8254(0) dummy(-1000000)
kern.timecounter.hardware: ACPI-fast
kern.timecounter.stepwarnings: 0
kern.timecounter.tc.i8254.mask: 65535
kern.timecounter.tc.i8254.counter: 39093

```

```
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: 14022717
kern.timecounter.tc.ACPI-fast.frequency: 3579545
kern.timecounter.tc.ACPI-fast.quality: 1000
kern.timecounter.tc.HPET.mask: 4294967295
kern.timecounter.tc.HPET.counter: 942978550
kern.timecounter.tc.HPET.frequency: 14318180
kern.timecounter.tc.HPET.quality: 900
kern.timecounter.tc.TSC.mask: 4294967295
kern.timecounter.tc.TSC.counter: 4172944444
kern.timecounter.tc.TSC.frequency: 1600006224
kern.timecounter.tc.TSC.quality: -100
kern.timecounter.smp_tsc: 0
kern.timecounter.invariant_tsc: 1
kern.threads.max_threads_hits: 0
kern.threads.max_threads_per_proc: 1500
kern.ccpu: 0
kern.sched.preemption: 1
kern.sched.topology_spec: <groups>
kern.sched.steal_thresh: 3
kern.sched.steal_idle: 1
kern.sched.balance_interval: 133
kern.sched.balance: 1
kern.sched.affinity: 1
kern.sched.idlespinthresh: 4
kern.sched.idlespins: 10000
kern.sched.static_boost: 160
kern.sched.preempt_thresh: 64
kern.sched.interact: 30
kern.sched.slice: 13
kern.sched.quantum: 97734
kern.sched.name: ULE
kern.devstat.version: 6
kern.devstat.generation: 117
kern.devstat.numdevs: 3
kern.kobj_methodcount: 179
kern.log_wakeups_per_second: 5
kern.vm_guest: none
kern.sgrowsiz: 131072
kern.maxssiz: 536870912
kern.dflsiz: 8388608
kern.maxdsiz: 34359738368
kern.dfldsiz: 134217728
kern.maxtsiz: 134217728
kern.maxbcache: 0
kern.maxswzone: 33554432
kern.msgbufsize: 65536
kern.nswbuf: 256
kern.nbuf: 419436
kern.ncallout: 18508
kern.hz: 1000
kern.msgbuf_clear: 0
kern.msgbuf:
kern.always_console_output: 0
kern.log_console_output: 1
kern.smp.forward_signal_enabled: 1
kern.smp.topology: 0
kern.smp.cpus: 12
kern.smp.disabled: 0
kern.smp.active: 1
kern.smp.maxcpus: 32
kern.smp.maxid: 11
kern.tty_inq_flush_secure: 1
kern.tty_inq_nslow: 980
kern.tty_inq_nfast: 1653
kern.tty_outq_nslow: 0
kern.tty_outq_nfast: 0
kern.pts_maxdev: 999
kern.tty_pty_warningcnt: 1
kern.tty_nout: 189615
kern.tty_nin: 2635
kern.minvnodes: 273767
kern.metadelay: 28
kern.dirdelay: 29
kern.filedelay: 30
kern.chroot_allow_open_directories: 1
kern.elf32.read_exec: 0
kern.elf32.fallback_brand: -1
vm.vmtotal:
System wide totals computed every five seconds: (values in kilobytes)
Processes: (RUNQ: 1 Disk Wait: 0 Page Wait: 0 Sleep: 5)
Virtual Memory: (Total: 1074094976K Active: 35308K)
Real Memory: (Total: 307908K Active: 5316K)
Shared Virtual Memory: (Total: 12796K Active: 3072K)
Shared Real Memory: (Total: 2664K Active: 2292K)
Free Memory: 64490348K
```

```
vm.loadavg: { 0.00 0.00 0.00 }
vm.v_free_min: 102412
vm.v_free_target: 430847
vm.v_free_reserved: 21199
vm.v_inactive_target: 646270
vm.v_cache_min: 430847
vm.v_cache_max: 861694
vm.v_pageout_free_min: 34
vm.pageout_algorithm: 0
vm.swap_enabled: 1
vm.md_malloc_wait: 0
vm.kmem_map_free: 66489278464
vm.kmem_map_size: 41545728
vm.kmem_size_scale: 1
vm.kmem_size_max: 329853485875
vm.kmem_size_min: 0
vm.kmem_size: 66530832384
vm.nswapdev: 0
vm.dmmx: 32
vm.swap_async_max: 4
vm.overcommit: 0
vm.swap_reserved: 44724224
vm.swap_total: 0
vm.zone_count: 91
vm.swap_idle_threshold2: 10
vm.swap_idle_threshold1: 2
vm.kstacks: 150
vm.kstack_cache_size: 128
vm.exec_map_entries: 16
vm.stats.misc.zero_page_count: 17
vm.stats.misc.cnt_prezero: 0
vm.stats.vm.v_kthreadpages: 0
vm.stats.vm.v_rforkpages: 0
vm.stats.vm.v_vforkpages: 285
vm.stats.vm.v_forkpages: 72701
vm.stats.vm.v_kthreads: 18
vm.stats.vm.v_rforks: 0
vm.stats.vm.v_vforks: 1
vm.stats.vm.v_forks: 114
vm.stats.vm.v_interrupt_free_min: 2
vm.stats.vm.v_pageout_free_min: 34
vm.stats.vm.v_cache_max: 861694
vm.stats.vm.v_cache_min: 430847
vm.stats.vm.v_cache_count: 1
vm.stats.vm.v_inactive_count: 1734
vm.stats.vm.v_inactive_target: 646270
vm.stats.vm.v_active_count: 991
vm.stats.vm.v_wire_count: 117539
vm.stats.vm.v_free_count: 16122586
vm.stats.vm.v_free_min: 102412
vm.stats.vm.v_free_target: 430847
vm.stats.vm.v_free_reserved: 21199
vm.stats.vm.v_page_count: 16242879
vm.stats.vm.v_page_size: 4096
vm.stats.vm.v_tfree: 60095
vm.stats.vm.v_pfree: 6807
vm.stats.vm.v_dfree: 0
vm.stats.vm.v_tcached: 366
vm.stats.vm.v_pdpages: 0
vm.stats.vm.v_pdwakeup: 0
vm.stats.vm.v_reactivated: 334
vm.stats.vm.v_intrans: 4
vm.stats.vm.v_vnodepgsout: 0
vm.stats.vm.v_vnodepgsin: 2101
vm.stats.vm.v_vnodeout: 0
vm.stats.vm.v_vnodein: 236
vm.stats.vm.v_swappgsout: 0
vm.stats.vm.v_swappgsin: 0
vm.stats.vm.v_swapout: 0
vm.stats.vm.v_swapin: 0
vm.stats.vm.v_ozfod: 0
vm.stats.vm.v_zfod: 6403
vm.stats.vm.v_cow_optim: 0
vm.stats.vm.v_cow_faults: 4469
vm.stats.vm.v_vm_faults: 80356
vm.stats.sys.v_soft: 217689
vm.stats.sys.v_intr: 12269
vm.stats.sys.v_syscall: 40471
vm.stats.sys.v_trap: 15423
vm.stats.sys.v_swch: 509655
vm.stats.object.bypasses: 4
vm.stats.object.collapses: 432
vm.v_free_severe: 61805
vm.old_msync: 0
vm.msync_flush_flags: 0
vm.boot_pages: 48
vm.max_wired: 5376770
vm.pageout_lock_miss: 0
```

vm.disable_swapspace_pageouts: 0
vm.defer_swapspace_pageouts: 0
vm.swap_idle_enabled: 0
vm.pageout_stats_interval: 5
vm.pageout_full_stats_interval: 20
vm.pageout_stats_max: 430847
vm.max_laundry: 32
vm.phys_segs:
SEGMENT 0:
start: 0x1000
end: 0x96000
free list: 0xffffffff80e264e8
SEGMENT 1:
start: 0x1497000
end: 0x7ab04000
free list: 0xffffffff80e26140
SEGMENT 2:
start: 0x7bd5d000
end: 0x7bd5e000
free list: 0xffffffff80e26140
SEGMENT 3:
start: 0x7bde4000
end: 0x7c000000
free list: 0xffffffff80e26140
SEGMENT 4:
start: 0x100000000
end: 0x1003fa0000
free list: 0xffffffff80e26140
vm.phys_free:
FREE LIST 0:
FREE LIST 1:
vm.reserv.reclaimed: 0
vm.reserv.partpopq:
-1: 68264K, 38
vm.reserv.freed: 509
vm.reserv.broken: 0
vm.idlezero_enable: 0
vm.kvm_free: 472410746880
vm.kvm_size: 549755809792
vm.pmap.pv_entry_count: 4131
vm.pmap.pdpe.demotions: 3
vm.pmap.pde.promotions: 139
vm.pmap.pde.p_failures: 68585
vm.pmap.pde.mappings: 0
vm.pmap.pde.demotions: 7
vm.pmap.pg_ps_enabled: 1
vm.pmap.pat_works: 1
vfs.devfs.rule_depth: 1
vfs.devfs.generation: 109
vfs.ufs.dirhash_reclaimage: 5
vfs.ufs.dirhash_lowmemcount: 0
vfs.ufs.dirhash_docheck: 0
vfs.ufs.dirhash_mem: 16091
vfs.ufs.dirhash_maxmem: 2097152
vfs.ufs.dirhash_minsize: 2560
vfs.nfs.downdelayinitial: 12
vfs.nfs.downdelayinterval: 30
vfs.nfs.skip_wcc_data_onerr: 1
vfs.nfs.nfs3_jukebox_delay: 10
vfs.nfs.reconnects: 0
vfs.nfs.bufpackets: 4
vfs.nfs.defect: 0
vfs.nfs.iodmax: 20
vfs.nfs.iodmin: 0
vfs.nfs.iodmaxidle: 120
vfs.nfs.diskless_rootpath:
vfs.nfs.diskless_valid: 0
vfs.nfs.nfs_ip_paranoia: 1
vfs.nfs.nfs_directio_allow_mmap: 1
vfs.nfs.nfs_directio_enable: 0
vfs.nfs.clean_pages_on_close: 1
vfs.nfs.nfsv3_commit_on_close: 0
vfs.nfs.prime_access_cache: 0
vfs.nfs.access_cache_timeout: 60
vfs.pfs.trace: 0
vfs.pfs.vncache.misses: 0
vfs.pfs.vncache.hits: 0
vfs.pfs.vncache.maxentries: 0
vfs.pfs.vncache.entries: 0
vfs.flushwithdeps: 0
vfs.notbufdflashes: 0
vfs.flushbufqtarget: 100
vfs.getnewbufrestarts: 0
vfs.getnewbufcalls: 294
vfs.hifreebuffers: 46614
vfs.lofreebuffers: 23307
vfs.numfreebuffers: 419430
vfs.dirtybufthresh: 94391

vfs.hidirtybuffers: 104879
vfs.lodirtybuffers: 52439
vfs.numdirtybuffers: 6
vfs.recursiveflushes: 0
vfs.altbufferflushes: 0
vfs.bdwriteskip: 0
vfs.dirtybufferflushes: 0
vfs.hirunningspace: 1048576
vfs.lorunningspace: 524288
vfs.bufdefragcnt: 0
vfs.buffreekvacnt: 0
vfs.buffresecnt: 268
vfs.hibufspace: 6871384064
vfs.lobufspace: 6871318528
vfs.maxalloccbufspace: 343569203
vfs.bufmalloccspace: 5120
vfs.maxbufspace: 6872039424
vfs.bufspace: 4407296
vfs.runningbufspace: 0
vfs.vmioidirenable: 1
vfs.cache.numfullpathfound: 15
vfs.cache.numfullpathfail4: 0
vfs.cache.numfullpathfail2: 0
vfs.cache.numfullpathfail1: 0
vfs.cache.numfullpathcalls: 15
vfs.cache.nchstats: 6706 556 25 0 1004 0 9 93
vfs.cache.numupgrades: 1
vfs.cache.numneghits: 556
vfs.cache.numnegzaps: 22
vfs.cache.numposhits: 6706
vfs.cache.numposzaps: 3
vfs.cache.nummisszap: 11
vfs.cache.nummiss: 993
vfs.cache.numchecks: 7288
vfs.cache.dotdothits: 2
vfs.cache.dothits: 161
vfs.cache.numcalls: 8453
vfs.cache.numcache: 625
vfs.cache.numneg: 39
vfs.ncsizefactor: 2
vfs.ncnegfactor: 16
vfs.read_max: 8
vfs.write_behind: 1
vfs.typenumhash: 0
vfs.lookup_shared: 1
vfs.usermount: 0
vfs.worklist_len: 2
vfs.timestamp_precision: 0
vfs.reassignbufcalls: 217
vfs.vlru_allow_cache_src: 0
vfs.freevnodes: 403
vfs.wantfreevnodes: 273767
vfs.numvnodes: 498
vfs.nfs_common.realign_count: 0
vfs.nfs_common.realign_test: 0
vfs.nfsrv.nfs_privport: 0
vfs.nfsrv.fha.bin_shift: 18
vfs.nfsrv.fha.max_nfsds_per_fh: 8
vfs.nfsrv.fha.max_reqs_per_nfsd: 4
vfs.nfsrv.fha.fhe_stats: No file handle entries.
vfs.nfsrv.commit_miss: 0
vfs.nfsrv.commit_blks: 0
vfs.nfsrv.async: 0
vfs.nfsrv.gatherdelay_v3: 0
vfs.nfsrv.gatherdelay: 10000
vfs.nfsrv.minthreads: 1
vfs.nfsrv.maxthreads: 1
vfs.nfsrv.threads: 0
vfs.nfsrv.request_space_used: 0
vfs.nfsrv.request_space_used_highest: 0
vfs.nfsrv.request_space_high: 13107200
vfs.nfsrv.request_space_low: 8738133
vfs.nfsrv.request_space_throttled: 0
vfs.nfsrv.request_space_throttle_count: 0
vfs.ffi.doreallocblks: 1
vfs.ffi.doasyncfree: 1
vfs.ffi.compute_summary_at_mount: 0
net.local.stream.recvspace: 8192
net.local.stream.sendspace: 8192
net.local.dgram.recvspace: 4096
net.local.dgram.maxdgram: 2048
net.local.taskcount: 0
net.local.recycled: 0
net.local.deferred: 0
net.local.inflight: 0
net.inet.ip.portrange.randomtime: 45
net.inet.ip.portrange.randomcps: 10
net.inet.ip.portrange.randomized: 1

net.inet.ip.portrange.reservedlow: 0
net.inet.ip.portrange.reservedhigh: 1023
net.inet.ip.portrange.hilast: 65535
net.inet.ip.portrange.hifirst: 49152
net.inet.ip.portrange.last: 65535
net.inet.ip.portrange.first: 10000
net.inet.ip.portrange.lowlast: 600
net.inet.ip.portrange.lowfirst: 1023
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.rtmxcache: 128
net.inet.ip.sourceroute: 0
net.inet.ip.intr_queue_maxlen: 256
net.inet.ip.intr_queue_drops: 0
net.inet.ip.accept_sourceroute: 0
net.inet.ip.keepfaith: 0
net.inet.ip.gifttl: 30
net.inet.ip.same_prefix_carp_only: 0
net.inet.ip.subnets_are_local: 0
net.inet.ip.random_id_total: 0
net.inet.ip.random_id_collisions: 0
net.inet.ip.random_id_period: 8192
net.inet.ip.mcast.loop: 1
net.inet.ip.mcast.maxsocksrc: 128
net.inet.ip.mcast.maxgrpsrc: 512
net.inet.ip.fastforwarding: 0
net.inet.ip.maxfragpackets: 800
net.inet.ip.maxfragsperpacket: 16
net.inet.ip.fragpackets: 0
net.inet.ip.check_interface: 0
net.inet.ip.random_id: 0
net.inet.ip.sendsourcequench: 0
net.inet.ip.process_options: 1
net.inet.icmp.maskrepl: 0
net.inet.icmp.icmplim: 200
net.inet.icmp.drop_redirect: 0
net.inet.icmp.bmcastecho: 0
net.inet.icmp.quotelen: 8
net.inet.icmp.reply_from_interface: 0
net.inet.icmp.reply_src:
net.inet.icmp.icmplim_output: 1
net.inet.icmp.log_redirect: 0
net.inet.icmp.maskfake: 0
net.inet.igmp.gsrdelay: 10
net.inet.igmp.default_version: 3
net.inet.igmp.legacysupp: 0
net.inet.igmp.v2enable: 1
net.inet.igmp.v1enable: 1
net.inet.igmp.sendlocal: 1
net.inet.igmp.sendra: 1
net.inet.igmp.recvifkludge: 1
net.inet.tcp.rfc1323: 1
net.inet.tcp.mssdflt: 512
net.inet.tcp.keepidle: 7200000
net.inet.tcp.keepintvl: 75000
net.inet.tcp.sendspace: 32768
net.inet.tcp.recvspace: 65536
net.inet.tcp.keepinit: 75000
net.inet.tcp.delacktime: 100
net.inet.tcp.v6mssdflt: 1024
net.inet.tcp.cc.available: newreno
net.inet.tcp.cc.algorithm: newreno
net.inet.tcp.hostcache.purge: 0
net.inet.tcp.hostcache.prune: 300
net.inet.tcp.hostcache.expire: 3600
net.inet.tcp.hostcache.count: 1
net.inet.tcp.hostcache.bucketlimit: 30
net.inet.tcp.hostcache.hashsize: 512
net.inet.tcp.hostcache.cachelimit: 15360
net.inet.tcp.read_locking: 1
net.inet.tcp.recvbuf_max: 262144
net.inet.tcp.recvbuf_inc: 16384
net.inet.tcp.recvbuf_auto: 1
net.inet.tcp.insecure_rst: 0
net.inet.tcp.ecn.maxretries: 1
net.inet.tcp.ecn.enable: 0
net.inet.tcp.abc_l_var: 2
net.inet.tcp.rfc3465: 1
net.inet.tcp.rfc3390: 1
net.inet.tcp.rfc3042: 1
net.inet.tcp.drop_synfin: 0
net.inet.tcp.delayed_ack: 1
net.inet.tcp.blackhole: 0
net.inet.tcp.log_in_vain: 0
net.inet.tcp.sendbuf_max: 262144

net.inet.tcp.sendbuf_inc: 8192
net.inet.tcp.sendbuf_auto: 1
net.inet.tcp.tso: 1
net.inet.tcp.local_slowstart_flightsize: 4
net.inet.tcp.slowstart_flightsize: 1
net.inet.tcp.path_mtu_discovery: 1
net.inet.tcp.reass.overflow: 0
net.inet.tcp.reass.cursgments: 0
net.inet.tcp.reass.maxsegments: 1680
net.inet.tcp.sack.globalholes: 0
net.inet.tcp.sack.globalmaxholes: 65536
net.inet.tcp.sack.maxholes: 128
net.inet.tcp.sack.enable: 1
net.inet.tcp.inflight.stab: 20
net.inet.tcp.inflight.max: 1073725440
net.inet.tcp.inflight.min: 6144
net.inet.tcp.inflight.rttthresh: 10
net.inet.tcp.inflight.debug: 0
net.inet.tcp.inflight.enable: 0
net.inet.tcp.isn_reseed_interval: 0
net.inet.tcp.icmp_may_rst: 1
net.inet.tcp.pcbcount: 0
net.inet.tcp.do_tcpdrain: 1
net.inet.tcp.tcbhashsize: 512
net.inet.tcp.log_debug: 0
net.inet.tcp.minmss: 216
net.inet.tcp.syncache.rst_on_sock_fail: 1
net.inet.tcp.syncache.rexmtlimit: 3
net.inet.tcp.syncache.hashsize: 512
net.inet.tcp.syncache.count: 0
net.inet.tcp.syncache.cachelimit: 15360
net.inet.tcp.syncache.bucketlimit: 30
net.inet.tcp.syncookies_only: 0
net.inet.tcp.syncookies: 1
net.inet.tcp.timer_race: 0
net.inet.tcp.rexmit_drop_options: 1
net.inet.tcp.finwait2_timeout: 60000
net.inet.tcp.fast_finwait2_recycle: 0
net.inet.tcp.always_keeppalive: 1
net.inet.tcp.rexmit_slop: 200
net.inet.tcp.rexmit_min: 30
net.inet.tcp.msl: 30000
net.inet.tcp.nolocaltimewait: 0
net.inet.tcp.maxtcpw: 5120
net.inet.udp.checksum: 1
net.inet.udp.maxdgram: 9216
net.inet.udp.recvspace: 42080
net.inet.udp.blackhole: 0
net.inet.udp.log_in_vain: 0
net.inet.sctp.blackhole: 0
net.inet.sctp.use_dcccecn: 1
net.inet.sctp.rttvar_steady_step: 20
net.inet.sctp.rttvar_eqret: 0
net.inet.sctp.rttvar_rtt: 5
net.inet.sctp.rttvar_bw: 4
net.inet.sctp.initial_cwnd: 3
net.inet.sctp.buffer_splitting: 0
net.inet.sctp.vtag_time_wait: 60
net.inet.sctp.nat_friendly_init: 0
net.inet.sctp.enable_sack_immediately: 0
net.inet.sctp.udp_tunneling_port: 0
net.inet.sctp.mobility_fasthandoff: 0
net.inet.sctp.mobility_base: 0
net.inet.sctp.default_frag_interleave: 1
net.inet.sctp.default_ss_module: 0
net.inet.sctp.default_cc_module: 0
net.inet.sctp.log_level: 0
net.inet.sctp.max_retran_chunk: 30
net.inet.sctp.min_residual: 1452
net.inet.sctp.strict_data_order: 0
net.inet.sctp.abort_at_limit: 0
net.inet.sctp.hb_max_burst: 4
net.inet.sctp.do_sctp_drain: 1
net.inet.sctp.max_chained_mbufs: 5
net.inet.sctp.abc_l_var: 2
net.inet.sctp.nat_friendly: 1
net.inet.sctp.outh_disable: 0
net.inet.sctp.asconf_auth_nochk: 0
net.inet.sctp.cwnd_maxburst: 1
net.inet.sctp.cmt_use_dac: 0
net.inet.sctp.nr_sack_on_off: 0
net.inet.sctp.cmt_on_off: 0
net.inet.sctp.outgoing_streams: 10
net.inet.sctp.add_more_on_output: 1452
net.inet.sctp.path_pf_threshold: 65535
net.inet.sctp.path_rtx_max: 5
net.inet.sctp.assoc_rtx_max: 10
net.inet.sctp.init_rtx_max: 8

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net.inet.sctp.valid_cookie_life: 60000
net.inet.sctp.init_rto_max: 60000
net.inet.sctp.rto_initial: 3000
net.inet.sctp.rto_min: 1000
net.inet.sctp.rto_max: 60000
net.inet.sctp.secret_lifetime: 3600
net.inet.sctp.shutdown_guard_time: 180
net.inet.sctp.pmtu_raise_time: 600
net.inet.sctp.heartbeat_interval: 30000
net.inet.sctp.asoc_resource: 10
net.inet.sctp.sys_resource: 1000
net.inet.sctp.sack_freq: 2
net.inet.sctp.delayed_sack_time: 200
net.inet.sctp.chunkscale: 10
net.inet.sctp.min_split_point: 2904
net.inet.sctp.pcbhashsize: 256
net.inet.sctp.tcbhashsize: 1024
net.inet.sctp.maxchunks: 3200
net.inet.sctp.fr_maxburst: 4
net.inet.sctp.maxburst: 4
net.inet.sctp.peer_chkoh: 256
net.inet.sctp.strict_sacks: 1
net.inet.sctp.ecn_enable: 1
net.inet.sctp.auto_asconf: 1
net.inet.sctp.recvspace: 233016
net.inet.sctp.sendspace: 233016
net.inet.raw.recvspace: 9216
net.inet.raw.maxdgram: 9216
net.inet.accf.unloadable: 0
net.link.generic.system.ifcount: 5
net.link.ether.inet.log_arp_permanent_modify: 1
net.link.ether.inet.log_arp_movements: 1
net.link.ether.inet.log_arp_wrong_iface: 1
net.link.ether.inet.maxhold: 1
net.link.ether.inet.wait: 20
net.link.ether.inet.proxyall: 0
net.link.ether.inet.useloopback: 1
net.link.ether.inet.maxtries: 5
net.link.ether.inet.max_age: 1200
net.link.ether.ipfw: 0
net.link.vlan.soft_pad: 0
net.link.gif.parallel_tunnels: 0
net.link.gif.max_nesting: 1
net.link.log_link_state_change: 1
net.link.ifqmaxlen: 50
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: 6400
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.rtmxcache: 128
net.inet6.ip6.use_tempaddr: 0
net.inet6.ip6.temppltime: 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: 6400
net.inet6.ip6.mcast_pmtu: 0
net.inet6.ip6.mcast_loop: 1
net.inet6.ip6.mcast_maxsocksrc: 128
net.inet6.ip6.mcast_maxgrpsrc: 512
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_maxqueueelen: 1
net.inet6.icmp6.nd6_onlink_ns_rfc4861: 0
net.inet6.mld.use_allow: 1
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net.inet6.mld.v1enable: 1
net.inet6.mld.gsrdelay: 10
net.bpf.optimize_writers: 0
net.bpf.zerocopy_enable: 0
net.bpf.maxinsns: 512
net.bpf.maxbufsize: 524288
net.bpf.bufsize: 4096
net.ifdescr_maxlen: 1024
net.isr.numthreads: 1
net.isr.maxprot: 16
net.isr.defaultqlimit: 256
net.isr.maxqlimit: 10240
net.isr.bindthreads: 0
net.isr.maxthreads: 1
net.isr.direct: 1
net.isr.direct_force: 1
net.raw.recvspace: 8192
net.raw.sendspace: 8192
net.my_fibnum: 0
net.add_addr_allfibs: 1
net.fibs: 1
net.route.netisr_maxqlen: 256
net.wlan.cac_timeout: 60
net.wlan.noL_timeout: 1800
net.wlan.debug: 0
net.wlan.addba_maxtries: 3
net.wlan.addba_backoff: 10000
net.wlan.addba_timeout: 250
net.wlan.recv_bar: 1
net.wlan.ampdu_age: 500
net.wlan.hwmp.inact: 5000
net.wlan.hwmp.rannint: 1000
net.wlan.hwmp.rootint: 2000
net.wlan.hwmp.roottimeout: 5000
net.wlan.hwmp.pathlifetime: 5000
net.wlan.hwmp.replyforward: 1
net.wlan.hwmp.targetonly: 0
net.wlan.mesh.maxretries: 2
net.wlan.mesh.confirmtimeout: 40
net.wlan.mesh.holdingtimeout: 40
net.wlan.mesh.retrytimeout: 40
debug.acpi.suspend_bounce: 0
debug.acpi.reset_clock: 1
debug.acpi.do_powerstate: 1
debug.acpi.interpreter_slack: 1
debug.acpi.enable_debug_objects: 0
debug.acpi.acpi_ca_version: 20101013
debug.acpi.cpu_unordered: 0
debug.acpi.ec.timeout: 750
debug.acpi.ec.polled: 0
debug.acpi.ec.burst: 0
debug.acpi.batt.batt_sleep_ms: 0
debug.acpi.resume_beep: 0
debug.firewire_debug: 0
debug.fwmem_debug: 0
debug.if_fwe_debug: 0
debug.if_fwip_debug: 0
debug.mddebug: 0
debug.elf64_legacy_coredump: 0
debug.bootverbose: 0
debug.boothowto: 0
debug.cpubfreq.verbose: 0
debug.cpubfreq.lowest: 0
debug.fail_point.sysctl_running: off
debug.fail_point.buf_pressure: off
debug.adaptive_machine_arch: 1
debug.sizeof.cdev_priv: 376
debug.sizeof.cdev: 288
debug.sizeof.g_bioq: 56
debug.sizeof.g_consumer: 96
debug.sizeof.g_provider: 136
debug.sizeof.g_geom: 136
debug.sizeof.g_class: 136
debug.sizeof.kinfo_proc: 1088
debug.sizeof.buf: 600
debug.sizeof.bio: 232
debug.sizeof.proc: 1136
debug.sizeof.vnode: 472
debug.sizeof.devstat: 288
debug.sizeof.namecache: 72
debug.osd: 0
debug.trace_on_panic: 1
debug.debugger_on_panic: 1
debug.to_avg_mpcalls: 990
debug.to_avg_lockcalls: 0
debug.to_avg_gcalls: 263
debug.to_avg_depth: 1474
debug.umtx.umtx_pi_allocated: 0
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debug.clocktime: 0
debug.kdb.stop_cpus: 1
debug.kdb.alt_break_to_debugger: 0
debug.kdb.break_to_debugger: 0
debug.kdb.trap_code: 0
debug.kdb.trap: 0
debug.kdb.panic: 0
debug.kdb.enter: 0
debug.kdb.current:
debug.kdb.available:
debug.rman_debug: 0
debug.ttydebug: 0
debug.disablefullpath: 0
debug.disablecwd: 0
debug.vfscache: 1
debug.numcachehv: 21
debug.numcache: 625
debug.numneg: 39
debug.ncnegfactor: 16
debug.nchash: 2097151
debug.vnlru_nowhere: 0
debug.rush_requests: 0
debug.if_tun_debug: 0
debug.nlm_debug: 0
debug.collectsnapstats: 0
debug.snapdebug: 0
debug.dopersistence: 0
debug.dir_entry: 0
debug.direct_blk_ptrs: 0
debug.inode_bitmap: 0
debug.indir_blk_ptrs: 0
debug.sync_limit_hit: 0
debug.ino_limit_hit: 0
debug.blk_limit_hit: 0
debug.ino_limit_push: 0
debug.blk_limit_push: 0
debug.worklist_push: 0
debug.maxindirdeps: 50
debug.tickdelay: 2
debug.max_softdeps: 4380284
debug.dobkgrdwrite: 1
debug.bigcgs: 0
debug.dircheck: 0
debug.psm.pkterrthresh: 2
debug.psm.usecs: 500000
debug.psm.secs: 0
debug.psm.errusecs: 0
debug.psm.errsecs: 2
debug.psm.hz: 20
debug.psm.loglevel: 0
debug.fdc.settle: 0
debug.fdc.spec2: 16
debug.fdc.spec1: 175
debug.fdc.retries: 10
debug.fdc.debugflags: 0
debug.fdc.fifo: 8
debug.elf32_legacy_core_dump: 0
debug.x86bios.int: 0
debug.x86bios.call: 0
debug.hwpstate_verbos: 0
debug.minidump: 1
hw.machine: amd64
hw.model: Intel(R) Xeon(R) CPU E5-2603 v3 @ 1.60GHz
hw.ncpu: 12
hw.byteorder: 1234
hw.physmem: 68611600384
hw.usermem: 68130140160
hw.pagesize: 4096
hw.floatingpoint: 1
hw.machine_arch: amd64
hw.realmem: 70866960384
hw.amr.force_sg32: 0
hw.an.an_cache_iponly: 1
hw.an.an_cache_mcastonly: 0
hw.an.an_cache_mode: dbm
hw.an.an_dump: off
hw.ata.setmax: 0
hw.ata.wc: 1
hw.ata.ata_dma: 1
hw.ata.ata_dma_check_80pin: 1
hw.ata.ata_dma: 1
hw.ath.bstuck: 4
hw.ath.txbuf: 200
hw.ath.rxbuf: 40
hw.ath.resetcal: 1200
hw.ath.shortcal: 100
hw.ath.longcal: 30
hw.ath.hal.swba_backoff: 0

hw.ath.hal.sw_brt: 10
hw.ath.hal.dma_brt: 2
hw.bce.rx_ticks: 18
hw.bce.rx_ticks_int: 18
hw.bce.rx_quick_cons_trip: 6
hw.bce.rx_quick_cons_trip_int: 6
hw.bce.tx_ticks: 80
hw.bce.tx_ticks_int: 80
hw.bce.tx_quick_cons_trip: 20
hw.bce.tx_quick_cons_trip_int: 20
hw.bce.loose_rx_mtu: 0
hw.bce.hdr_split: 1
hw.bce.tx_pages: 2
hw.bce.rx_pages: 2
hw.bce.msi_enable: 1
hw.bce.tso_enable: 1
hw.bce.verbose: 1
hw.bge.allow_asf: 0
hw.cardbus.cis_debug: 0
hw.cardbus.debug: 0
hw.cs.recv_delay: 570
hw.cs.ignore_checksum_failure: 0
hw.em.eee_setting: 1
hw.em.rx_process_limit: 100
hw.em.enable_msix: 1
hw.em.sbp: 0
hw.em.smart_pwr_down: 0
hw.em.txd: 1024
hw.em.rxd: 1024
hw.em.rx_abs_int_delay: 66
hw.em.tx_abs_int_delay: 66
hw.em.rx_int_delay: 0
hw.em.tx_int_delay: 66
hw.igb.rx_process_limit: 100
hw.igb.num_queues: 0
hw.igb.header_split: 0
hw.igb.buf_ring_size: 4096
hw.igb.max_interrupt_rate: 8000
hw.igb.enable_msix: 1
hw.igb.enable_aim: 1
hw.igb.txd: 1024
hw.igb.rxd: 1024
hw.firewire.hold_count: 0
hw.firewire.try_bmr: 1
hw.firewire.fwmem.speed: 2
hw.firewire.fwmem.eui64_lo: 0
hw.firewire.fwmem.eui64_hi: 0
hw.firewire.phydma_enable: 1
hw.firewire.nocyclemaster: 0
hw.firewire.fwe.rx_queue_len: 128
hw.firewire.fwe.tx_speed: 2
hw.firewire.fwe.stream_ch: 1
hw.firewire.fwip.rx_queue_len: 128
hw.mfi.detect_jbod_change: 1
hw.mfi.max_cmds: 128
hw.mfi.event_class: 0
hw.mfi.event_locale: 65535
hw.mfi.msi: 1
hw.pccard.cis_debug: 0
hw.pccard.debug: 0
hw.cbb.debug: 0
hw.cbb.start_32_io: 4096
hw.cbb.start_16_io: 256
hw.cbb.start_memory: 2281701376
hw.pci.pd6722_vsense: 1
hw.pci.intr_mask: 57016
hw.pci.usb_early_takeover: 1
hw.pci.honor_msi_blacklist: 1
hw.pci.enable_msix: 1
hw.pci.enable_msi: 1
hw.pci.do_power_resume: 1
hw.pci.do_power_nodriver: 0
hw.pci.enable_io_modes: 1
hw.pci.default_vgapci_unit: 0
hw.pci.host_mem_start: 2147483648
hw.pci.mcfg: 1
hw.syscons.kbd_debug: 1
hw.syscons.kbd_reboot: 1
hw.syscons.bell: 1
hw.syscons.saver.keybonly: 1
hw.syscons.sc_no_suspend_vtswitch: 0
hw.broken_txfifo: 0
hw.usb.ehci.lostintrbug: 0
hw.usb.ehci.iaadbug: 0
hw.usb.ehci.no_hs: 0
hw.usb.ehci.debug: 0
hw.usb.ohci.debug: 0
hw.usb.uhci.loop: 0

hw.usb.uhci.debug: 0
hw.usb.no_shutdown_wait: 0
hw.usb.no_suspend_wait: 0
hw.usb.no_boot_wait: 0
hw.usb.ctrl.debug: 0
hw.usb.umass.debug: 0
hw.usb.urio.debug: 0
hw.usb.timings.extra_power_up_time: 20
hw.usb.timings.resume_recovery: 50
hw.usb.timings.resume_wait: 50
hw.usb.timings.resume_delay: 250
hw.usb.timings.set_address_settle: 10
hw.usb.timings.port_resume_delay: 40
hw.usb.timings.port_powerup_delay: 300
hw.usb.timings.port_reset_recovery: 250
hw.usb.timings.port_root_reset_delay: 250
hw.usb.timings.port_reset_delay: 50
hw.usb.debug: 0
hw.usb.dev.debug: 0
hw.usb.usb_lang_mask: 255
hw.usb.usb_lang_id: 9
hw.usb.template: 0
hw.usb.ugen.debug: 0
hw.usb.power_timeout: 30
hw.usb.uhub.debug: 0
hw.usb.no_pf: 0
hw.usb.proc.debug: 0
hw.usb.no_cs_fail: 0
hw.usb.aue.debug: 0
hw.usb.axe.debug: 0
hw.usb.cdce.interval: 0
hw.usb.cdce.debug: 0
hw.usb.cue.debug: 0
hw.usb.kue.debug: 0
hw.usb.rue.debug: 0
hw.usb.udav.debug: 0
hw.usb.rum.debug: 0
hw.usb.uath.regdomain: 0
hw.usb.uath.countrycode: 0
hw.usb.ural.debug: 0
hw.usb.zyd.debug: 0
hw.usb.ubsa.debug: 0
hw.usb.uftdi.debug: 0
hw.usb.ulpt.debug: 0
hw.usb.uplcom.debug: 0
hw.usb.uslcom.debug: 0
hw.usb.uvisor.debug: 0
hw.usb.uvscom.debug: 0
hw.usb.ucom.cons_baud: 9600
hw.usb.ucom.cons_subunit: 0
hw.usb.ucom.cons_unit: -1
hw.usb.ucom.debug: 0
hw.usb.uhid.debug: 0
hw.usb.ukbd.no_leds: 0
hw.usb.ukbd.debug: 0
hw.usb.ums.debug: 0
hw.wi.debug: 0
hw.wi.txerate: 0
hw.xe.debug: 0
hw.intr_storm_threshold: 1000
hw.pagesizes: 4096 2097152 0
hw.availpages: 16750879
hw.bus.devctl_queue: 1000
hw.bus.devctl_disable: 0
hw.busdma.total_bpages: 1531
hw.busdma.zone0.total_bpages: 640
hw.busdma.zone0.free_bpages: 640
hw.busdma.zone0.reserved_bpages: 0
hw.busdma.zone0.active_bpages: 0
hw.busdma.zone0.total_bounced: 0
hw.busdma.zone0.total_deferred: 0
hw.busdma.zone0.lowaddr: 0xfffffffffffff
hw.busdma.zone0.alignment: 4096
hw.busdma.zone1.total_bpages: 891
hw.busdma.zone1.free_bpages: 891
hw.busdma.zone1.reserved_bpages: 0
hw.busdma.zone1.active_bpages: 0
hw.busdma.zone1.total_bounced: 62
hw.busdma.zone1.total_deferred: 0
hw.busdma.zone1.lowaddr: 0xffffffff
hw.busdma.zone1.alignment: 4096
hw.clockrate: 1600
hw.via_feature_xcrypt: 0
hw.via_feature_rng: 0
hw.instruction_sse: 1
hw.apic.enable_extint: 0
hw.psm.tap_timeout: 125000
hw.psm.tap_threshold: 25

hw.kbd.keymap_restrict_change: 0
hw.mca.erratum383: 0
hw.mca.amd10h_L1TP: 1
hw.mca.enabled: 1
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.wall_cmos_clock: 0
machdep.adjkerntz: 0
machdep.disable_rtc_set: 0
machdep.acpi_root: 984368
machdep.disable_mtrrs: 0
machdep.idle: acpi
machdep.idle_available: spin, mwait, hlt, acpi,
machdep.idle_mwait: 1
machdep.hlt_cpus: 0
machdep.max_ldt_segment: 1024
machdep.prot_fault_translation: 0
machdep.panic_on_nmi: 1
machdep.kdb_on_nmi: 1
machdep.tsc_freq: 1600006224
machdep.i8254_freq: 1193182
user.cs_path: /usr/bin:/bin:/usr/sbin:/sbin:
user.bc_base_max: 99
user.bc_dim_max: 2048
user.bc_scale_max: 99
user.bc_string_max: 1000
user.coll_weights_max: 0
user.expr_nest_max: 32
user.line_max: 2048
user.re_dup_max: 255
user.posix2_version: 199212
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: 20
user.tzname_max: 255
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: 200112
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: 30
p1003_1b.sem_value_max: 2147483647
p1003_1b.sigqueue_max: 128
p1003_1b.timer_max: 32
p1003_1b.nsems: 0
security.jail.param.cpuset.id: 0
security.jail.param.host.hostid: 0
security.jail.param.host.hostuid: 64

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security.jail.param.host.domainname: 256
security.jail.param.host.hostname: 256
security.jail.param.children.max: 0
security.jail.param.children.cur: 0
security.jail.param.enforce_statfs: 0
security.jail.param.securelevel: 0
security.jail.param.path: 1024
security.jail.param.name: 256
security.jail.param.parent: 0
security.jail.param.jid: 0
security.jail.enforce_statfs: 2
security.jail.mount_allowed: 0
security.jail.chflags_allowed: 0
security.jail.allow_raw_sockets: 0
security.jail.sysvipc_allowed: 0
security.jail.socket_unixiproute_only: 1
security.jail.set_hostname_allowed: 1
security.jail.jail_max_af_ips: 255
security.jail.jailed: 0
security.bsd.map_at_zero: 0
security.bsd.suser_enabled: 1
security.bsd.unprivileged_proc_debug: 1
security.bsd.conservative_signals: 1
security.bsd.see_other_gids: 1
security.bsd.see_other_uids: 1
security.bsd.unprivileged_idprio: 0
security.bsd.unprivileged_read_msgbuf: 1
security.bsd.hardlink_check_gid: 0
security.bsd.hardlink_check_uid: 0
security.bsd.unprivileged_get_quota: 0
security.bsd.stack_guard_page: 0
security.mac.labeled: 0
security.mac.max_slots: 4
security.mac.version: 4
security.mac.mmap_revocation_via_cow: 0
security.mac.mmap_revocation: 1
compat.ia32.maxvmem: 0
compat.ia32.maxssiz: 67108864
compat.ia32.maxdsiz: 536870912
dev.nexus.0.%driver: nexus
dev.nexus.0.%parent: root0
dev.ram.0.%desc: System RAM
dev.ram.0.%driver: ram
dev.ram.0.%parent: nexus0
dev.acpi.0.%desc: AMI 0694
dev.acpi.0.%driver: acpi
dev.acpi.0.%parent: nexus0
dev.acpi_sysresource.0.%desc: System Resource
dev.acpi_sysresource.0.%driver: acpi_sysresource
dev.acpi_sysresource.0.%location: handle=\_SB_.PCI0.LPC0.XTRA
dev.acpi_sysresource.0.%pnpinfo: _HID=PNP0C02 _UID=16
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.LPC0.SI01
dev.acpi_sysresource.1.%pnpinfo: _HID=PNP0C02 _UID=0
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.RP04.PPF1
dev.acpi_sysresource.2.%pnpinfo: _HID=PNP0C01 _UID=241
dev.acpi_sysresource.2.%parent: acpi0
dev.acpi_timer.0.%desc: 24-bit timer at 3.579545MHz
dev.acpi_timer.0.%driver: acpi_timer
dev.acpi_timer.0.%location: unknown
dev.acpi_timer.0.%pnpinfo: unknown
dev.acpi_timer.0.%parent: acpi0
dev.cpu.0.%desc: ACPI CPU
dev.cpu.0.%driver: cpu
dev.cpu.0.%location: handle=\_SB_.SCK0.CP00
dev.cpu.0.%pnpinfo: _HID=none _UID=0
dev.cpu.0.%parent: acpi0
dev.cpu.0.freq: 1600
dev.cpu.0.freq_levels: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883 1050/53272 900/45662 750/38051 600/30441 450/22831
300/15220 150/7610
dev.cpu.0.cx_supported: C1/1/1 C2/2/41
dev.cpu.0.cx_lowest: C1
dev.cpu.0.cx_usage: 100.00% 0.00% last 371us
dev.cpu.1.%desc: ACPI CPU
dev.cpu.1.%driver: cpu
dev.cpu.1.%location: handle=\_SB_.SCK0.CP01
dev.cpu.1.%pnpinfo: _HID=none _UID=0
dev.cpu.1.%parent: acpi0
dev.cpu.1.cx_supported: C1/1/1 C2/2/41
dev.cpu.1.cx_lowest: C1
dev.cpu.1.cx_usage: 100.00% 0.00% last 377us
dev.cpu.2.%desc: ACPI CPU
dev.cpu.2.%driver: cpu

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dev.cpu.2.%location: handle=\_SB_.SCK0.CP02
dev.cpu.2.%pnpinfo: _HID=none _UID=0
dev.cpu.2.%parent: acpi0
dev.cpu.2.cx_supported: C1/1/1 C2/2/41
dev.cpu.2.cx_lowest: C1
dev.cpu.2.cx_usage: 100.00% 0.00% last 375us
dev.cpu.3.%desc: ACPI CPU
dev.cpu.3.%driver: cpu
dev.cpu.3.%location: handle=\_SB_.SCK0.CP03
dev.cpu.3.%pnpinfo: _HID=none _UID=0
dev.cpu.3.%parent: acpi0
dev.cpu.3.cx_supported: C1/1/1 C2/2/41
dev.cpu.3.cx_lowest: C1
dev.cpu.3.cx_usage: 100.00% 0.00% last 396us
dev.cpu.4.%desc: ACPI CPU
dev.cpu.4.%driver: cpu
dev.cpu.4.%location: handle=\_SB_.SCK0.CP04
dev.cpu.4.%pnpinfo: _HID=none _UID=0
dev.cpu.4.%parent: acpi0
dev.cpu.4.cx_supported: C1/1/1 C2/2/41
dev.cpu.4.cx_lowest: C1
dev.cpu.4.cx_usage: 100.00% 0.00% last 377us
dev.cpu.5.%desc: ACPI CPU
dev.cpu.5.%driver: cpu
dev.cpu.5.%location: handle=\_SB_.SCK0.CP05
dev.cpu.5.%pnpinfo: _HID=none _UID=0
dev.cpu.5.%parent: acpi0
dev.cpu.5.cx_supported: C1/1/1 C2/2/41
dev.cpu.5.cx_lowest: C1
dev.cpu.5.cx_usage: 100.00% 0.00% last 380us
dev.cpu.6.%desc: ACPI CPU
dev.cpu.6.%driver: cpu
dev.cpu.6.%location: handle=\_SB_.SCK1.CP00
dev.cpu.6.%pnpinfo: _HID=none _UID=0
dev.cpu.6.%parent: acpi0
dev.cpu.6.cx_supported: C1/1/1 C2/2/41
dev.cpu.6.cx_lowest: C1
dev.cpu.6.cx_usage: 100.00% 0.00% last 411us
dev.cpu.7.%desc: ACPI CPU
dev.cpu.7.%driver: cpu
dev.cpu.7.%location: handle=\_SB_.SCK1.CP01
dev.cpu.7.%pnpinfo: _HID=none _UID=0
dev.cpu.7.%parent: acpi0
dev.cpu.7.cx_supported: C1/1/1 C2/2/41
dev.cpu.7.cx_lowest: C1
dev.cpu.7.cx_usage: 100.00% 0.00% last 407us
dev.cpu.8.%desc: ACPI CPU
dev.cpu.8.%driver: cpu
dev.cpu.8.%location: handle=\_SB_.SCK1.CP02
dev.cpu.8.%pnpinfo: _HID=none _UID=0
dev.cpu.8.%parent: acpi0
dev.cpu.8.cx_supported: C1/1/1 C2/2/41
dev.cpu.8.cx_lowest: C1
dev.cpu.8.cx_usage: 100.00% 0.00% last 237us
dev.cpu.9.%desc: ACPI CPU
dev.cpu.9.%driver: cpu
dev.cpu.9.%location: handle=\_SB_.SCK1.CP03
dev.cpu.9.%pnpinfo: _HID=none _UID=0
dev.cpu.9.%parent: acpi0
dev.cpu.9.cx_supported: C1/1/1 C2/2/41
dev.cpu.9.cx_lowest: C1
dev.cpu.9.cx_usage: 100.00% 0.00% last 410us
dev.cpu.10.%desc: ACPI CPU
dev.cpu.10.%driver: cpu
dev.cpu.10.%location: handle=\_SB_.SCK1.CP04
dev.cpu.10.%pnpinfo: _HID=none _UID=0
dev.cpu.10.%parent: acpi0
dev.cpu.10.cx_supported: C1/1/1 C2/2/41
dev.cpu.10.cx_lowest: C1
dev.cpu.10.cx_usage: 100.00% 0.00% last 407us
dev.cpu.11.%desc: ACPI CPU
dev.cpu.11.%driver: cpu
dev.cpu.11.%location: handle=\_SB_.SCK1.CP05
dev.cpu.11.%pnpinfo: _HID=none _UID=0
dev.cpu.11.%parent: acpi0
dev.cpu.11.cx_supported: C1/1/1 C2/2/41
dev.cpu.11.cx_lowest: C1
dev.cpu.11.cx_usage: 100.00% 0.00% last 413us
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

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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.%npninfo: _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.%npninfo: _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.%npninfo: _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.%npninfo: _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.%npninfo: _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.%npninfo: _HID=PNP0C0F _UID=8
dev.pci_link.7.%parent: acpi0
dev.pci.0.%desc: ACPI Host-PCI bridge
dev.pci.0.%driver: pci
dev.pci.0.%location: handle=_SB_.UNC1
dev.pci.0.%npninfo: _HID=PNP0A03 _UID=127
dev.pci.0.%parent: acpi0
dev.pci.1.%desc: ACPI Host-PCI bridge
dev.pci.1.%driver: pci
dev.pci.1.%location: handle=_SB_.UNC0
dev.pci.1.%npninfo: _HID=PNP0A03 _UID=63
dev.pci.1.%parent: acpi0
dev.pci.2.%desc: ACPI Host-PCI bridge
dev.pci.2.%driver: pci
dev.pci.2.%location: handle=_SB_.PCI0
dev.pci.2.%npninfo: _HID=PNP0A08 _UID=0
dev.pci.2.%parent: acpi0
dev.pci.3.%desc: ACPI PCI-PCI bridge
dev.pci.3.%driver: pci
dev.pci.3.%location: slot=1 function=0 handle=_SB_.PCI0.BR1A
dev.pci.3.%npninfo: vendor=0x8086 device=0x2f02 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.3.%parent: pci0
dev.pci.3.%domain: 0
dev.pci.3.%pribus: 0
dev.pci.3.%secbus: 1
dev.pci.3.%subbus: 1
dev.pci.3.%wake: 0
dev.pci.4.%desc: ACPI PCI-PCI bridge
dev.pci.4.%driver: pci
dev.pci.4.%location: slot=2 function=0 handle=_SB_.PCI0.BR2A
dev.pci.4.%npninfo: vendor=0x8086 device=0x2f04 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.4.%parent: pci0
dev.pci.4.%domain: 0
dev.pci.4.%pribus: 0
dev.pci.4.%secbus: 32
dev.pci.4.%subbus: 32
dev.pci.4.%wake: 0
dev.pci.5.%desc: ACPI PCI-PCI bridge
dev.pci.5.%driver: pci
dev.pci.5.%location: slot=3 function=0 handle=_SB_.PCI0.BR3A
dev.pci.5.%npninfo: vendor=0x8086 device=0x2f08 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.5.%parent: pci0
dev.pci.5.%domain: 0
dev.pci.5.%pribus: 0
dev.pci.5.%secbus: 64
dev.pci.5.%subbus: 64
dev.pci.5.%wake: 0
dev.pci.6.%desc: ACPI PCI-PCI bridge
dev.pci.6.%driver: pci
dev.pci.6.%location: slot=28 function=0 handle=_SB_.PCI0.RP01
dev.pci.6.%npninfo: vendor=0x8086 device=0x8d10 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.6.%parent: pci0
dev.pci.6.%domain: 0
dev.pci.6.%pribus: 0
dev.pci.6.%secbus: 65
dev.pci.6.%subbus: 65
dev.pci.6.%wake: 0
dev.pci.7.%desc: ACPI PCI-PCI bridge
dev.pci.7.%driver: pci
dev.pci.7.%location: slot=28 function=2 handle=_SB_.PCI0.RP03

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dev.pci.7.%npninfo: vendor=0x8086 device=0x8d14 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.7.%parent: pci0
dev.pci.7.%domain: 0
dev.pci.7.%pribus: 0
dev.pci.7.%secbus: 97
dev.pci.7.%subbus: 97
dev.pci.7.%wake: 0
dev.pci.8.%desc: ACPI PCI-PCI bridge
dev.pci.8.%driver: pcib
dev.pci.8.%location: slot=28 function=3 handle=_SB_.PCI0.RP04
dev.pci.8.%npninfo: vendor=0x8086 device=0x8d16 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.8.%parent: pci0
dev.pci.8.%domain: 0
dev.pci.8.%pribus: 0
dev.pci.8.%secbus: 98
dev.pci.8.%subbus: 98
dev.pci.8.%wake: 0
dev.pci.9.%desc: ACPI Host-PCI bridge
dev.pci.9.%driver: pcib
dev.pci.9.%location: handle=_SB_.PCI1
dev.pci.9.%npninfo: _HID=PNP0A08 _UID=128
dev.pci.9.%parent: acpi0
dev.pci.10.%desc: ACPI PCI-PCI bridge
dev.pci.10.%driver: pcib
dev.pci.10.%location: slot=0 function=0 handle=_SB_.PCI1.QRP0
dev.pci.10.%npninfo: vendor=0x8086 device=0x2f01 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.10.%parent: pci128
dev.pci.10.%domain: 0
dev.pci.10.%pribus: 128
dev.pci.10.%secbus: 129
dev.pci.10.%subbus: 129
dev.pci.10.%wake: 0
dev.pci.11.%desc: ACPI PCI-PCI bridge
dev.pci.11.%driver: pcib
dev.pci.11.%location: slot=1 function=0 handle=_SB_.PCI1.QR1A
dev.pci.11.%npninfo: vendor=0x8086 device=0x2f02 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.11.%parent: pci128
dev.pci.11.%domain: 0
dev.pci.11.%pribus: 128
dev.pci.11.%secbus: 130
dev.pci.11.%subbus: 130
dev.pci.11.%wake: 0
dev.pci.12.%desc: ACPI PCI-PCI bridge
dev.pci.12.%driver: pcib
dev.pci.12.%location: slot=2 function=0 handle=_SB_.PCI1.QR2A
dev.pci.12.%npninfo: vendor=0x8086 device=0x2f04 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.12.%parent: pci128
dev.pci.12.%domain: 0
dev.pci.12.%pribus: 128
dev.pci.12.%secbus: 131
dev.pci.12.%subbus: 131
dev.pci.12.%wake: 0
dev.pci.13.%desc: ACPI PCI-PCI bridge
dev.pci.13.%driver: pcib
dev.pci.13.%location: slot=3 function=0 handle=_SB_.PCI1.QR3A
dev.pci.13.%npninfo: vendor=0x8086 device=0x2f08 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.13.%parent: pci128
dev.pci.13.%domain: 0
dev.pci.13.%pribus: 128
dev.pci.13.%secbus: 132
dev.pci.13.%subbus: 132
dev.pci.13.%wake: 0
dev.pci.255.%desc: ACPI PCI bus
dev.pci.255.%driver: pci
dev.pci.255.%parent: pcib0
dev.pci.127.%desc: ACPI PCI bus
dev.pci.127.%driver: pci
dev.pci.127.%parent: pcib1
dev.pci.0.%desc: ACPI PCI bus
dev.pci.0.%driver: pci
dev.pci.0.%parent: pcib2
dev.pci.1.%desc: ACPI PCI bus
dev.pci.1.%driver: pci
dev.pci.1.%parent: pcib3
dev.pci.1.%wake: 0
dev.pci.32.%desc: ACPI PCI bus
dev.pci.32.%driver: pci
dev.pci.32.%parent: pcib4
dev.pci.32.%wake: 0
dev.pci.64.%desc: ACPI PCI bus
dev.pci.64.%driver: pci
dev.pci.64.%parent: pcib5
dev.pci.64.%wake: 0
dev.pci.65.%desc: ACPI PCI bus
dev.pci.65.%driver: pci
dev.pci.65.%parent: pcib6
dev.pci.65.%wake: 0
dev.pci.97.%desc: ACPI PCI bus

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dev.pci.97.%driver: pci
dev.pci.97.%parent: pcib7
dev.pci.97.wake: 0
dev.pci.98.%desc: ACPI PCI bus
dev.pci.98.%driver: pci
dev.pci.98.%parent: pcib8
dev.pci.98.wake: 0
dev.pci.128.%desc: ACPI PCI bus
dev.pci.128.%driver: pci
dev.pci.128.%parent: pcib9
dev.pci.129.%desc: ACPI PCI bus
dev.pci.129.%driver: pci
dev.pci.129.%parent: pcib10
dev.pci.129.wake: 0
dev.pci.130.%desc: ACPI PCI bus
dev.pci.130.%driver: pci
dev.pci.130.%parent: pcib11
dev.pci.130.wake: 0
dev.pci.131.%desc: ACPI PCI bus
dev.pci.131.%driver: pci
dev.pci.131.%parent: pcib12
dev.pci.131.wake: 0
dev.pci.132.%desc: ACPI PCI bus
dev.pci.132.%driver: pci
dev.pci.132.%parent: pcib13
dev.pci.132.wake: 0
dev.hostb.0.%desc: Host to PCI bridge
dev.hostb.0.%driver: hostb
dev.hostb.0.%location: slot=0 function=0 handle=\_SB_.PCI0.DMI0
dev.hostb.0.%npninfo: vendor=0x8086 device=0x2f00 subvendor=0x1bcf subdevice=0x8059 class=0x060000
dev.hostb.0.%parent: pci0
dev.ioapic.0.%desc: IO(x) APIC
dev.ioapic.0.%driver: ioapic
dev.ioapic.0.%location: slot=5 function=4
dev.ioapic.0.%npninfo: vendor=0x8086 device=0x2f2c subvendor=0x1bcf subdevice=0x8059 class=0x080020
dev.ioapic.0.%parent: pci0
dev.ioapic.1.%desc: IO(x) APIC
dev.ioapic.1.%driver: ioapic
dev.ioapic.1.%location: slot=5 function=4
dev.ioapic.1.%npninfo: vendor=0x8086 device=0x2f2c subvendor=0x1bcf subdevice=0x8059 class=0x080020
dev.ioapic.1.%parent: pci128
dev.ehci.0.%desc: EHCI (generic) USB 2.0 controller
dev.ehci.0.%driver: ehci
dev.ehci.0.%location: slot=26 function=0 handle=\_SB_.PCI0.EHC2
dev.ehci.0.%npninfo: vendor=0x8086 device=0x8d2d subvendor=0x1bcf subdevice=0x8059 class=0x0c0320
dev.ehci.0.%parent: pci0
dev.ehci.1.%desc: EHCI (generic) USB 2.0 controller
dev.ehci.1.%driver: ehci
dev.ehci.1.%location: slot=29 function=0 handle=\_SB_.PCI0.EHC1
dev.ehci.1.%npninfo: vendor=0x8086 device=0x8d26 subvendor=0x1bcf subdevice=0x8059 class=0x0c0320
dev.ehci.1.%parent: pci0
dev.usbus.0.%driver: usb
dev.usbus.0.%parent: ehci0
dev.usbus.1.%driver: usb
dev.usbus.1.%parent: ehci1
dev.bge.0.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000
dev.bge.0.%driver: bge
dev.bge.0.%location: slot=0 function=0 handle=\_SB_.PCI0.RP03.LAN1
dev.bge.0.%npninfo: vendor=0x14e4 device=0x165f subvendor=0x1bcf subdevice=0x8059 class=0x020000
dev.bge.0.%parent: pci97
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: 1048733
dev.bge.0.stats.rx.Fragments: 0
dev.bge.0.stats.rx.UnicastPkts: 211
dev.bge.0.stats.rx.MulticastPkts: 3943
dev.bge.0.stats.rx.BroadcastPkts: 4020
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: 22055
dev.bge.0.stats.tx.Collisions: 0
dev.bge.0.stats.tx.XonSent: 0
dev.bge.0.stats.tx.XoffSent: 0

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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: 161
dev.bge.0.stats.tx.MulticastPkts: 3
dev.bge.0.stats.tx.BroadcastPkts: 5
dev.bge.1.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000
dev.bge.1.%driver: bge
dev.bge.1.%location: slot=0 function=1 handle=\_SB_.PCI0.RP03.LAN2
dev.bge.1.%pnpinf: vendor=0x14e4 device=0x165f subvendor=0x1bcf subdevice=0x8059 class=0x020000
dev.bge.1.%parent: pci97
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.miibus.0.%desc: MII bus
dev.miibus.0.%driver: miibus
dev.miibus.0.%parent: bge0
dev.miibus.1.%desc: MII bus
dev.miibus.1.%driver: miibus
dev.miibus.1.%parent: bge1
dev.brgphy.0.%desc: BCM5720C 10/100/1000baseTX PHY
dev.brgphy.0.%driver: brgphy
dev.brgphy.0.%location: phyno=1
dev.brgphy.0.%pnpinf: oui=0xd897 model=0x36 rev=0x0
dev.brgphy.0.%parent: miibus0
dev.brgphy.1.%desc: BCM5720C 10/100/1000baseTX PHY
dev.brgphy.1.%driver: brgphy
dev.brgphy.1.%location: phyno=2
dev.brgphy.1.%pnpinf: oui=0xd897 model=0x36 rev=0x0
dev.brgphy.1.%parent: miibus1
dev.vgapci.0.%desc: VGA-compatible display
dev.vgapci.0.%driver: vgapci
dev.vgapci.0.%location: slot=0 function=0 handle=\_SB_.PCI0.RP04.D042
dev.vgapci.0.%pnpinf: vendor=0x102b device=0x0522 subvendor=0x1bcf subdevice=0x8059 class=0x030000
dev.vgapci.0.%parent: pci98
dev.vgapm.0.%desc: VGA suspend/resume
dev.vgapm.0.%driver: vgapm
dev.vgapm.0.%parent: vgapci0
dev.scpm.0.%desc: sc suspend/resume
dev.scpm.0.%driver: scpm
dev.scpm.0.%parent: vgapm0
dev.isab.0.%desc: PCI-ISA bridge
dev.isab.0.%driver: isab
dev.isab.0.%location: slot=31 function=0 handle=\_SB_.PCI0.LPC0
dev.isab.0.%pnpinf: vendor=0x8086 device=0x8d44 subvendor=0x1bcf subdevice=0x8059 class=0x060100
dev.isab.0.%parent: pci0
dev.isa.0.%desc: ISA bus
dev.isa.0.%driver: isa
dev.isa.0.%parent: isab0
dev.atapci.0.%desc: Intel AHCI controller
dev.atapci.0.%driver: atapci

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dev.atapci.0.%location: slot=31 function=2 handle=\_SB_.PCI0.SAT1
dev.atapci.0.%pnpinfo: vendor=0x8086 device=0x8d02 subvendor=0x1bcf subdevice=0x8059 class=0x010601
dev.atapci.0.%parent: pci0
dev.ata.2.%desc: ATA channel
dev.ata.2.%driver: ata
dev.ata.2.%location: channel=0
dev.ata.2.%parent: atapci0
dev.ata.3.%desc: ATA channel
dev.ata.3.%driver: ata
dev.ata.3.%location: channel=1
dev.ata.3.%parent: atapci0
dev.ata.4.%desc: ATA channel
dev.ata.4.%driver: ata
dev.ata.4.%location: channel=2
dev.ata.4.%parent: atapci0
dev.ata.5.%desc: ATA channel
dev.ata.5.%driver: ata
dev.ata.5.%location: channel=3
dev.ata.5.%parent: atapci0
dev.ata.6.%desc: ATA channel
dev.ata.6.%driver: ata
dev.ata.6.%location: channel=4
dev.ata.6.%parent: atapci0
dev.acpi_button.0.%desc: Power Button
dev.acpi_button.0.%driver: acpi_button
dev.acpi_button.0.%location: handle=\_SB_.PWRB
dev.acpi_button.0.%pnpinfo: _HID=PNP0C0C _UID=170
dev.acpi_button.0.%parent: acpi0
dev.atdma.0.%desc: AT DMA controller
dev.atdma.0.%driver: atdma
dev.atdma.0.%location: handle=\_SB_.PCI0.LPC0.DMAC
dev.atdma.0.%pnpinfo: _HID=PNP0200 _UID=0
dev.atdma.0.%parent: acpi0
dev.atrtc.0.%desc: AT realtime clock
dev.atrtc.0.%driver: atrtc
dev.atrtc.0.%location: handle=\_SB_.PCI0.LPC0.RTC_
dev.atrtc.0.%pnpinfo: _HID=PNP0B00 _UID=0
dev.atrtc.0.%parent: acpi0
dev.fpuvnp.0.%desc: Legacy ISA coprocessor support
dev.fpuvnp.0.%driver: fpuvnp
dev.fpuvnp.0.%location: handle=\_SB_.PCI0.LPC0.FPU_
dev.fpuvnp.0.%pnpinfo: _HID=PNP0C04 _UID=0
dev.fpuvnp.0.%parent: acpi0
dev.attimer.0.%desc: AT timer
dev.attimer.0.%driver: attimer
dev.attimer.0.%location: handle=\_SB_.PCI0.LPC0.TMR_
dev.attimer.0.%pnpinfo: _HID=PNP0100 _UID=0
dev.attimer.0.%parent: acpi0
dev.acpi_hpet.0.%desc: High Precision Event Timer
dev.acpi_hpet.0.%driver: acpi_hpet
dev.acpi_hpet.0.%location: handle=\_SB_.PCI0.LPC0.HPET
dev.acpi_hpet.0.%pnpinfo: _HID=PNP0103 _UID=0
dev.acpi_hpet.0.%parent: acpi0
dev.uart.0.%desc: 16550 or compatible
dev.uart.0.%driver: uart
dev.uart.0.%location: handle=\_SB_.PCI0.LPC0.UAR1
dev.uart.0.%pnpinfo: _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.LPC0.UAR2
dev.uart.1.%pnpinfo: _HID=PNP0501 _UID=1
dev.uart.1.%parent: acpi0
dev.apic.0.%desc: APIC resources
dev.apic.0.%driver: apic
dev.apic.0.%parent: nexus0
dev.orm.0.%desc: ISA Option ROM
dev.orm.0.%driver: orm
dev.orm.0.%parent: isa0
dev.sc.0.%desc: System console
dev.sc.0.%driver: sc
dev.sc.0.%parent: isa0
dev.vga.0.%desc: Generic ISA VGA
dev.vga.0.%driver: vga
dev.vga.0.%parent: isa0
dev.atkbd.0.%desc: Keyboard controller (i8042)
dev.atkbd.0.%driver: atkbd
dev.atkbd.0.%parent: isa0
dev.atkbd.0.%desc: AT Keyboard
dev.atkbd.0.%driver: atkbd
dev.atkbd.0.%parent: atkbd0
dev.acpi_perf.0.%driver: acpi_perf
dev.acpi_perf.0.%parent: cpu0
dev.acpi_perf.1.%driver: acpi_perf
dev.acpi_perf.1.%parent: cpu1
dev.acpi_perf.2.%driver: acpi_perf
dev.acpi_perf.2.%parent: cpu2
dev.acpi_perf.3.%driver: acpi_perf

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dev.acpi_perf.3.%parent: cpu3
dev.acpi_perf.4.%driver: acpi_perf
dev.acpi_perf.4.%parent: cpu4
dev.acpi_perf.5.%driver: acpi_perf
dev.acpi_perf.5.%parent: cpu5
dev.acpi_perf.6.%driver: acpi_perf
dev.acpi_perf.6.%parent: cpu6
dev.acpi_perf.7.%driver: acpi_perf
dev.acpi_perf.7.%parent: cpu7
dev.acpi_perf.8.%driver: acpi_perf
dev.acpi_perf.8.%parent: cpu8
dev.acpi_perf.9.%driver: acpi_perf
dev.acpi_perf.9.%parent: cpu9
dev.acpi_perf.10.%driver: acpi_perf
dev.acpi_perf.10.%parent: cpu10
dev.acpi_perf.11.%driver: acpi_perf
dev.acpi_perf.11.%parent: cpu11
dev.est.0.%desc: Enhanced SpeedStep Frequency Control
dev.est.0.%driver: est
dev.est.0.%parent: cpu0
dev.est.0.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.1.%desc: Enhanced SpeedStep Frequency Control
dev.est.1.%driver: est
dev.est.1.%parent: cpu1
dev.est.1.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.2.%desc: Enhanced SpeedStep Frequency Control
dev.est.2.%driver: est
dev.est.2.%parent: cpu2
dev.est.2.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.3.%desc: Enhanced SpeedStep Frequency Control
dev.est.3.%driver: est
dev.est.3.%parent: cpu3
dev.est.3.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.4.%desc: Enhanced SpeedStep Frequency Control
dev.est.4.%driver: est
dev.est.4.%parent: cpu4
dev.est.4.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.5.%desc: Enhanced SpeedStep Frequency Control
dev.est.5.%driver: est
dev.est.5.%parent: cpu5
dev.est.5.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.6.%desc: Enhanced SpeedStep Frequency Control
dev.est.6.%driver: est
dev.est.6.%parent: cpu6
dev.est.6.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.7.%desc: Enhanced SpeedStep Frequency Control
dev.est.7.%driver: est
dev.est.7.%parent: cpu7
dev.est.7.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.8.%desc: Enhanced SpeedStep Frequency Control
dev.est.8.%driver: est
dev.est.8.%parent: cpu8
dev.est.8.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.9.%desc: Enhanced SpeedStep Frequency Control
dev.est.9.%driver: est
dev.est.9.%parent: cpu9
dev.est.9.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.10.%desc: Enhanced SpeedStep Frequency Control
dev.est.10.%driver: est
dev.est.10.%parent: cpu10
dev.est.10.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.11.%desc: Enhanced SpeedStep Frequency Control
dev.est.11.%driver: est
dev.est.11.%parent: cpu11
dev.est.11.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.cpubfreq.0.%driver: cpufreq
dev.cpubfreq.0.%parent: cpu0
dev.cpubfreq.1.%driver: cpufreq
dev.cpubfreq.1.%parent: cpu1
dev.cpubfreq.2.%driver: cpufreq
dev.cpubfreq.2.%parent: cpu2
dev.cpubfreq.3.%driver: cpufreq
dev.cpubfreq.3.%parent: cpu3
dev.cpubfreq.4.%driver: cpufreq
dev.cpubfreq.4.%parent: cpu4
dev.cpubfreq.5.%driver: cpufreq
dev.cpubfreq.5.%parent: cpu5
dev.cpubfreq.6.%driver: cpufreq
dev.cpubfreq.6.%parent: cpu6
dev.cpubfreq.7.%driver: cpufreq
dev.cpubfreq.7.%parent: cpu7
dev.cpubfreq.8.%driver: cpufreq
dev.cpubfreq.8.%parent: cpu8
dev.cpubfreq.9.%driver: cpufreq
dev.cpubfreq.9.%parent: cpu9
dev.cpubfreq.10.%driver: cpufreq
dev.cpubfreq.10.%parent: cpu10
dev.cpubfreq.11.%driver: cpufreq

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dev.cpubfreq.11.%parent: cpu11
dev.p4tcc.0.%desc: CPU Frequency Thermal Control
dev.p4tcc.0.%driver: p4tcc
dev.p4tcc.0.%parent: cpu0
dev.p4tcc.0.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.1.%desc: CPU Frequency Thermal Control
dev.p4tcc.1.%driver: p4tcc
dev.p4tcc.1.%parent: cpu1
dev.p4tcc.1.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.2.%desc: CPU Frequency Thermal Control
dev.p4tcc.2.%driver: p4tcc
dev.p4tcc.2.%parent: cpu2
dev.p4tcc.2.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.3.%desc: CPU Frequency Thermal Control
dev.p4tcc.3.%driver: p4tcc
dev.p4tcc.3.%parent: cpu3
dev.p4tcc.3.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.4.%desc: CPU Frequency Thermal Control
dev.p4tcc.4.%driver: p4tcc
dev.p4tcc.4.%parent: cpu4
dev.p4tcc.4.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.5.%desc: CPU Frequency Thermal Control
dev.p4tcc.5.%driver: p4tcc
dev.p4tcc.5.%parent: cpu5
dev.p4tcc.5.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.6.%desc: CPU Frequency Thermal Control
dev.p4tcc.6.%driver: p4tcc
dev.p4tcc.6.%parent: cpu6
dev.p4tcc.6.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.7.%desc: CPU Frequency Thermal Control
dev.p4tcc.7.%driver: p4tcc
dev.p4tcc.7.%parent: cpu7
dev.p4tcc.7.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.8.%desc: CPU Frequency Thermal Control
dev.p4tcc.8.%driver: p4tcc
dev.p4tcc.8.%parent: cpu8
dev.p4tcc.8.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.9.%desc: CPU Frequency Thermal Control
dev.p4tcc.9.%driver: p4tcc
dev.p4tcc.9.%parent: cpu9
dev.p4tcc.9.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.10.%desc: CPU Frequency Thermal Control
dev.p4tcc.10.%driver: p4tcc
dev.p4tcc.10.%parent: cpu10
dev.p4tcc.10.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.11.%desc: CPU Frequency Thermal Control
dev.p4tcc.11.%driver: p4tcc
dev.p4tcc.11.%parent: cpu11
dev.p4tcc.11.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.acd.0.%driver: acd
dev.acd.0.%parent: ata6
dev.uhub.0.%desc: Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.0.%driver: uhub
dev.uhub.0.%parent: usb1
dev.uhub.1.%desc: Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.1.%driver: uhub
dev.uhub.1.%parent: usb0
dev.uhub.2.%desc: vendor 0x8087 product 0x800a, class 9/0, rev 2.00/0.05, addr 2
dev.uhub.2.%driver: uhub
dev.uhub.2.%location: bus=1 hubaddr=1 port=0 devaddr=2 interface=0
dev.uhub.2.%pnpinfo: vendor=0x8087 product=0x800a devclass=0x09 devsubclass=0x00 sernum="" release=0x0005 mode=host intclass=0x09
intsubclass=0x00 intprotocol=0x00
dev.uhub.2.%parent: uhub1
dev.uhub.3.%desc: vendor 0x8087 product 0x8002, class 9/0, rev 2.00/0.05, addr 2
dev.uhub.3.%driver: uhub
dev.uhub.3.%location: bus=1 hubaddr=1 port=1 devaddr=2 interface=0
dev.uhub.3.%pnpinfo: vendor=0x8087 product=0x8002 devclass=0x09 devsubclass=0x00 sernum="" release=0x0005 mode=host intclass=0x09
intsubclass=0x00 intprotocol=0x00
dev.uhub.3.%parent: uhub0
dev.uhub.4.%desc: vendor 0x0409 product 0x005a, class 9/0, rev 2.00/1.00, addr 3
dev.uhub.4.%driver: uhub
dev.uhub.4.%location: bus=2 hubaddr=2 port=0 devaddr=3 interface=0
dev.uhub.4.%pnpinfo: vendor=0x0409 product=0x005a devclass=0x09 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x09
intsubclass=0x00 intprotocol=0x00
dev.uhub.4.%parent: uhub2
dev.umass.0.%desc: UFD 2.0 Silicon-Power4G, class 0/0, rev 2.00/1.00, addr 3
dev.umass.0.%driver: umass
dev.umass.0.%location: bus=2 hubaddr=5 port=1 devaddr=3 interface=0
dev.umass.0.%pnpinfo: vendor=0x13fe product=0x4100 devclass=0x00 devsubclass=0x00 sernum="12101504056E6002A8892564246" release=0x0100
mode=host intclass=0x08 intsubclass=0x06 intprotocol=0x50
dev.umass.0.%parent: uhub3
dev.ukbd.0.%desc: Topre Corporation HHKB Professional, class 0/0, rev 1.10/1.02, addr 4
dev.ukbd.0.%driver: ukbd
dev.ukbd.0.%location: bus=3 hubaddr=1 port=0 devaddr=4 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: uhub4
dev.ukbd.1.%desc: Keyboard Interface

```



```
dev.ukbd.1.%driver: ukbd
dev.ukbd.1.%location: bus=2 hubaddr=3 port=0 devaddr=5 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: uhub2
dev.ums.0.%desc: Mouse Interface
dev.ums.0.%driver: ums
dev.ums.0.%location: bus=2 hubaddr=3 port=0 devaddr=5 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: uhub2
hptmv.status: RocketRAID 18xx SATA Controller driver Version v1.16
```

システム起動時メッセージ

```
cat: /var/run/dmesg.boot: No such file or directory
51200+0 records in
51200+0 records out
53687091200 bytes transferred in 4.338220 secs (12375372785 bytes/sec)
 4.34 real    0.00 user    4.33 sys
2060 maximum resident set size
 20 average shared memory size
1008 average unshared data size
 128 average unshared stack size
 357 page reclaims
  0 page faults
  0 swaps
  0 block input operations
  0 block output operations
  0 messages sent
  0 messages received
  0 signals received
  2 voluntary context switches
 44 involuntary context switches
 0.00 real    0.00 user    0.00 sys
  0 maximum resident set size
  0 average shared memory size
  0 average unshared data size
  0 average unshared stack size
114 page reclaims
  0 page faults
  0 swaps
  0 block input operations
  0 block output operations
  1 messages sent
  1 messages received
  0 signals received
  2 voluntary context switches
  0 involuntary context switches
 0.00 real    0.00 user    0.00 sys
  0 maximum resident set size
  0 average shared memory size
  0 average unshared data size
  0 average unshared stack size
111 page reclaims
  0 page faults
  0 swaps
  0 block input operations
  0 block output operations
  0 messages sent
  0 messages received
  0 signals received
  1 voluntary context switches
  0 involuntary context switches
```

カーネルデバイスツリー

```
nexus0
  apic0
    I/O memory addresses:
      0xfec00000-0xfec0001f
      0xfec01000-0xfec0101f
      0xfec40000-0xfec4001f
  ram0
    I/O memory addresses:
      0x0-0x99bfff
      0x100000-0x7ab03fff
      0x7bd5d000-0x7bd5dfff
      0x7bde4000-0x7bfffffff
      0x10000000-0x107fffffff
  acpi0
    Interrupt request lines:
      9
    I/O ports:
      0x10-0x1f
      0x72-0x73
      0x80
      0x84-0x86
      0x88
      0x8c-0x8e
      0x90-0x9f
      0x400-0x47f
      0x500-0x57f
      0x580-0x59f
      0x600-0x61f
      0x800-0x81f
      0x880-0x883
    I/O memory addresses:
      0xc7800000-0xc78ffffff
      0xc7914000-0xc7914fff
      0xfed12000-0xfed1200f
      0xfed12010-0xfed1201f
      0xfed1b000-0xfed1bfff
      0xfed1c000-0xfed3ffff
      0xfed45000-0xfed8bfff
      0xfe000000-0xfeffffff
      0xff000000-0xffffffff
  pcib0
  pci255
  pcib1
  pci127
  cpu0
    ACPI I/O ports:
      0x415
    acpi_perf0
    est0
    p4tcc0
    cpufreq0
  cpu1
    ACPI I/O ports:
      0x415
    acpi_perf1
    est1
    p4tcc1
    cpufreq1
  cpu2
    ACPI I/O ports:
      0x415
    acpi_perf2
    est2
    p4tcc2
    cpufreq2
  cpu3
    ACPI I/O ports:
      0x415
    acpi_perf3
    est3
    p4tcc3
    cpufreq3
  cpu4
    ACPI I/O ports:
      0x415
    acpi_perf4
    est4
    p4tcc4
    cpufreq4
  cpu5
    ACPI I/O ports:
      0x415
    acpi_perf5
```

```

est5
p4tcc5
cpufreq5
cpu6
  ACPI I/O ports:
    0x415
  acpi_perf6
  est6
  p4tcc6
  cpufreq6
cpu7
  ACPI I/O ports:
    0x415
  acpi_perf7
  est7
  p4tcc7
  cpufreq7
cpu8
  ACPI I/O ports:
    0x415
  acpi_perf8
  est8
  p4tcc8
  cpufreq8
cpu9
  ACPI I/O ports:
    0x415
  acpi_perf9
  est9
  p4tcc9
  cpufreq9
cpu10
  ACPI I/O ports:
    0x415
  acpi_perf10
  est10
  p4tcc10
  cpufreq10
cpu11
  ACPI I/O ports:
    0x415
  acpi_perf11
  est11
  p4tcc11
  cpufreq11
pcib2
  pci0
    I/O ports:
      0x7020-0x7023
      0x7030-0x7037
      0x7040-0x7043
      0x7050-0x7057
    I/O memory addresses:
      0xc7d00000-0xc7d0ffff
      0xc7d10000-0xc7d13fff
      0xc7d14000-0xc7d17fff
      0xc7d18000-0xc7d1bfff
      0xc7d1c000-0xc7d1ffff
      0xc7d20000-0xc7d23fff
      0xc7d24000-0xc7d27fff
      0xc7d28000-0xc7d2bfff
      0xc7d2c000-0xc7d2ffff
      0xc7d31000-0xc7d310ff
      0xc7d36000-0xc7d3600f
      0xc7d37000-0xc7d3700f
      0xc7d38000-0xc7d38fff
    ACPI I/O ports:
      0x580-0x59f
hostb0
pcib3
  pci1
    I/O ports:
      0x6000-0x60ff
    I/O memory addresses:
      0xc7b00000-0xc7bfffff
      0xc7c00000-0xc7c0ffff
pcib4
pci32
pcib5
pci64
ioapic0
ehci0
  Interrupt request lines:
    18
  I/O memory addresses:
    0xc7d34000-0xc7d343ff
usb0
uhub1

```

```

    uhub2
    uhub4
    ukbd0
    ukbd1
    ums0
pcib6
pcib5
pcib7
pci97
    I/O memory addresses:
        0xc6000000-0xc600ffff
        0xc6030000-0xc603ffff
    bge0
        Interrupt request lines:
            256
        I/O memory addresses:
            0xc6040000-0xc604ffff
            0xc6050000-0xc605ffff
    miibus0
    brgphy0
    bge1
        Interrupt request lines:
            257
        I/O memory addresses:
            0xc6010000-0xc601ffff
            0xc6020000-0xc602ffff
    miibus1
    brgphy1
pcib8
pci98
    I/O memory addresses:
        0xc5000000-0xc5ffffff
        0xc7000000-0xc77fffff
        0xc7910000-0xc7913fff
    vgapci0
    vgapm0
    scpm0
ehci1
    Interrupt request lines:
        18
    I/O memory addresses:
        0xc7d33000-0xc7d333ff
usb1
    uhub0
    uhub3
    umass0
isab0
isa0
orm0
    I/O memory addresses:
        0xc0000-0xc7fff
sc0
vga0
    I/O ports:
        0x3c0-0x3df
    I/O memory addresses:
        0xa0000-0xbffff
atkbd0
    I/O ports:
        0x60
        0x64
    atkbd0
        Interrupt request lines:
            1
atapci0
    Interrupt request lines:
        16
    I/O ports:
        0x7000-0x701f
    I/O memory addresses:
        0xc7d32000-0xc7d327ff
    ata2
    ata3
    ata4
    ata5
    ata6
    acd0
atdma0
atrtc0
    Interrupt request lines:
        8
    I/O ports:
        0x70-0x71
fpupnp0
attimer0
acpi_hpet0
    I/O memory addresses:
        0xfed00000-0xfed003ff

```

```
acpi_sysresource0
acpi_sysresource1
uart0
  Interrupt request lines:
    4
  I/O ports:
    0x3f8-0x3ff
uart1
  Interrupt request lines:
    3
  I/O ports:
    0x2f8-0x2ff
acpi_sysresource2
pcib9
  pci128
    I/O memory addresses:
      0xfb0000-0xfb03fff
      0xfb04000-0xfb07fff
      0xfb08000-0xfb0bfff
      0xfb0c000-0xfb0ffff
      0xfb10000-0xfb13fff
      0xfb14000-0xfb17fff
      0xfb18000-0xfb1bfff
      0xfb1c000-0xfb1ffff
      0xfb20000-0xfb20fff
  pci10
  pci129
  pci11
  pci130
  pci12
  pci131
  pci13
  pci132
  ioapic1
acpi_button0
pci_link0
pci_link1
pci_link2
pci_link3
pci_link4
pci_link5
pci_link6
pci_link7
acpi_timer0
  ACPI I/O ports:
    0x408-0x40b
```

PCIバスデータ詳細一覧

```
none0@pci0:255:8:0:    class=0x088000 card=0x2f808086 chip=0x2f808086 rev=0x02 hdr=0x00
                    class  = base peripheral
none1@pci0:255:8:2:    class=0x110100 card=0x2f328086 chip=0x2f328086 rev=0x02 hdr=0x00
                    class  = dasp
none2@pci0:255:8:3:    class=0x088000 card=0x2f838086 chip=0x2f838086 rev=0x02 hdr=0x00
                    class  = base peripheral
none3@pci0:255:11:0:   class=0x088000 card=0x80591bcf chip=0x2f818086 rev=0x02 hdr=0x00
                    class  = base peripheral
none4@pci0:255:11:1:   class=0x110100 card=0x80591bcf chip=0x2f368086 rev=0x02 hdr=0x00
                    class  = dasp
none5@pci0:255:11:2:   class=0x110100 card=0x80591bcf chip=0x2f378086 rev=0x02 hdr=0x00
                    class  = dasp
none6@pci0:255:12:0:   class=0x088000 card=0x80591bcf chip=0x2fe08086 rev=0x02 hdr=0x00
                    class  = base peripheral
none7@pci0:255:12:1:   class=0x088000 card=0x80591bcf chip=0x2fe18086 rev=0x02 hdr=0x00
                    class  = base peripheral
none8@pci0:255:12:2:   class=0x088000 card=0x80591bcf chip=0x2fe28086 rev=0x02 hdr=0x00
                    class  = base peripheral
none9@pci0:255:12:3:   class=0x088000 card=0x80591bcf chip=0x2fe38086 rev=0x02 hdr=0x00
                    class  = base peripheral
none10@pci0:255:12:4:  class=0x088000 card=0x80591bcf chip=0x2fe48086 rev=0x02 hdr=0x00
                    class  = base peripheral
none11@pci0:255:12:5:  class=0x088000 card=0x80591bcf chip=0x2fe58086 rev=0x02 hdr=0x00
                    class  = base peripheral
none12@pci0:255:15:0:  class=0x088000 card=0x00000000 chip=0x2ff8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none13@pci0:255:15:1:  class=0x088000 card=0x00000000 chip=0x2ff98086 rev=0x02 hdr=0x00
                    class  = base peripheral
none14@pci0:255:15:4:  class=0x088000 card=0x80591bcf chip=0x2ffc8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none15@pci0:255:15:5:  class=0x088000 card=0x80591bcf chip=0x2ffd8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none16@pci0:255:15:6:  class=0x088000 card=0x80591bcf chip=0x2ffe8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none17@pci0:255:16:0:  class=0x088000 card=0x80591bcf chip=0x2fd8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none18@pci0:255:16:1:  class=0x110100 card=0x80591bcf chip=0x2f348086 rev=0x02 hdr=0x00
                    class  = dasp
none19@pci0:255:16:5:  class=0x088000 card=0x80591bcf chip=0x2f1e8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none20@pci0:255:16:6:  class=0x110100 card=0x80591bcf chip=0x2f7d8086 rev=0x02 hdr=0x00
                    class  = dasp
none21@pci0:255:16:7:  class=0x088000 card=0x80591bcf chip=0x2f1f8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none22@pci0:255:18:0:  class=0x088000 card=0x80591bcf chip=0x2fa08086 rev=0x02 hdr=0x00
                    class  = base peripheral
none23@pci0:255:18:1:  class=0x110100 card=0x2f308086 chip=0x2f308086 rev=0x02 hdr=0x00
                    class  = dasp
none24@pci0:255:19:0:  class=0x088000 card=0x80591bcf chip=0x2fa88086 rev=0x02 hdr=0x00
                    class  = base peripheral
none25@pci0:255:19:1:  class=0x088000 card=0x80591bcf chip=0x2f718086 rev=0x02 hdr=0x00
                    class  = base peripheral
none26@pci0:255:19:2:  class=0x088000 card=0x80591bcf chip=0x2faa8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none27@pci0:255:19:3:  class=0x088000 card=0x80591bcf chip=0x2fab8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none28@pci0:255:19:4:  class=0x088000 card=0x80591bcf chip=0x2fac8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none29@pci0:255:19:5:  class=0x088000 card=0x80591bcf chip=0x2fad8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none30@pci0:255:19:6:  class=0x088000 card=0x00000000 chip=0x2fae8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none31@pci0:255:19:7:  class=0x088000 card=0x00000000 chip=0x2faf8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none32@pci0:255:20:0:  class=0x088000 card=0x80591bcf chip=0x2fb08086 rev=0x02 hdr=0x00
                    class  = base peripheral
none33@pci0:255:20:1:  class=0x088000 card=0x80591bcf chip=0x2fb18086 rev=0x02 hdr=0x00
                    class  = base peripheral
none34@pci0:255:20:2:  class=0x088000 card=0x80591bcf chip=0x2fb28086 rev=0x02 hdr=0x00
                    class  = base peripheral
none35@pci0:255:20:3:  class=0x088000 card=0x80591bcf chip=0x2fb38086 rev=0x02 hdr=0x00
                    class  = base peripheral
none36@pci0:255:20:6:  class=0x088000 card=0x00000000 chip=0x2fbe8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none37@pci0:255:20:7:  class=0x088000 card=0x00000000 chip=0x2fbf8086 rev=0x02 hdr=0x00
                    class  = base peripheral
none38@pci0:255:21:0:  class=0x088000 card=0x80591bcf chip=0x2fb48086 rev=0x02 hdr=0x00
                    class  = base peripheral
none39@pci0:255:21:1:  class=0x088000 card=0x80591bcf chip=0x2fb58086 rev=0x02 hdr=0x00
                    class  = base peripheral
none40@pci0:255:21:2:  class=0x088000 card=0x80591bcf chip=0x2fb68086 rev=0x02 hdr=0x00
                    class  = base peripheral
none41@pci0:255:21:3:  class=0x088000 card=0x80591bcf chip=0x2fb78086 rev=0x02 hdr=0x00
```



```

class = base peripheral
none86@pci:0:127:19:5: class=0x088000 card=0x80591bcf chip=0x2fad8086 rev=0x02 hdr=0x00
class = base peripheral
none87@pci:0:127:19:6: class=0x088000 card=0x00000000 chip=0x2fae8086 rev=0x02 hdr=0x00
class = base peripheral
none88@pci:0:127:19:7: class=0x088000 card=0x00000000 chip=0x2faf8086 rev=0x02 hdr=0x00
class = base peripheral
none89@pci:0:127:20:0: class=0x088000 card=0x80591bcf chip=0x2fb08086 rev=0x02 hdr=0x00
class = base peripheral
none90@pci:0:127:20:1: class=0x088000 card=0x80591bcf chip=0x2fb18086 rev=0x02 hdr=0x00
class = base peripheral
none91@pci:0:127:20:2: class=0x088000 card=0x80591bcf chip=0x2fb28086 rev=0x02 hdr=0x00
class = base peripheral
none92@pci:0:127:20:3: class=0x088000 card=0x80591bcf chip=0x2fb38086 rev=0x02 hdr=0x00
class = base peripheral
none93@pci:0:127:20:6: class=0x088000 card=0x00000000 chip=0x2fbe8086 rev=0x02 hdr=0x00
class = base peripheral
none94@pci:0:127:20:7: class=0x088000 card=0x00000000 chip=0x2fbf8086 rev=0x02 hdr=0x00
class = base peripheral
none95@pci:0:127:21:0: class=0x088000 card=0x80591bcf chip=0x2fb48086 rev=0x02 hdr=0x00
class = base peripheral
none96@pci:0:127:21:1: class=0x088000 card=0x80591bcf chip=0x2fb58086 rev=0x02 hdr=0x00
class = base peripheral
none97@pci:0:127:21:2: class=0x088000 card=0x80591bcf chip=0x2fb68086 rev=0x02 hdr=0x00
class = base peripheral
none98@pci:0:127:21:3: class=0x088000 card=0x80591bcf chip=0x2fb78086 rev=0x02 hdr=0x00
class = base peripheral
none99@pci:0:127:22:0: class=0x088000 card=0x00000000 chip=0x2fb88086 rev=0x02 hdr=0x00
class = base peripheral
none100@pci:0:127:22:6: class=0x088000 card=0x00000000 chip=0x2f6e8086 rev=0x02 hdr=0x00
class = base peripheral
none101@pci:0:127:22:7: class=0x088000 card=0x00000000 chip=0x2f6f8086 rev=0x02 hdr=0x00
class = base peripheral
none102@pci:0:127:23:0: class=0x088000 card=0x00000000 chip=0x2fd08086 rev=0x02 hdr=0x00
class = base peripheral
none103@pci:0:127:23:4: class=0x088000 card=0x00000000 chip=0x2fb88086 rev=0x02 hdr=0x00
class = base peripheral
none104@pci:0:127:23:5: class=0x088000 card=0x00000000 chip=0x2fb98086 rev=0x02 hdr=0x00
class = base peripheral
none105@pci:0:127:23:6: class=0x088000 card=0x00000000 chip=0x2fba8086 rev=0x02 hdr=0x00
class = base peripheral
none106@pci:0:127:23:7: class=0x088000 card=0x00000000 chip=0x2fbb8086 rev=0x02 hdr=0x00
class = base peripheral
none107@pci:0:127:30:0: class=0x088000 card=0x80591bcf chip=0x2f988086 rev=0x02 hdr=0x00
class = base peripheral
none108@pci:0:127:30:1: class=0x088000 card=0x80591bcf chip=0x2f998086 rev=0x02 hdr=0x00
class = base peripheral
none109@pci:0:127:30:2: class=0x088000 card=0x80591bcf chip=0x2f9a8086 rev=0x02 hdr=0x00
class = base peripheral
none110@pci:0:127:30:3: class=0x088000 card=0x80591bcf chip=0x2fc08086 rev=0x02 hdr=0x00
class = base peripheral
none111@pci:0:127:30:4: class=0x088000 card=0x80591bcf chip=0x2fc8086 rev=0x02 hdr=0x00
class = base peripheral
none112@pci:0:127:31:0: class=0x088000 card=0x00000000 chip=0x2f888086 rev=0x02 hdr=0x00
class = base peripheral
none113@pci:0:127:31:2: class=0x088000 card=0x00000000 chip=0x2f8a8086 rev=0x02 hdr=0x00
class = base peripheral
hostb0@pci:0:0:0: class=0x060000 card=0x80591bcf chip=0x2f08086 rev=0x02 hdr=0x00
class = bridge
subclass = HOST-PCI
cap 10[90] = PCI-Express 2 root port max data 128(128) link x0(x4)
speed 0.0(2.5)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000b[144] = Vendor 1 ID 4
ecap 000b[1d0] = Vendor 1 ID 3
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib3@pci:0:1:0: class=0x060400 card=0x80591bcf chip=0x2f028086 rev=0x02 hdr=0x01
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port slot max data 256(256) link x8(x8)
speed 8.0(8.0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib4@pci:0:2:0: class=0x060400 card=0x80591bcf chip=0x2f048086 rev=0x02 hdr=0x01
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks

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cap 10[90] = PCI-Express 2 root port slot max data 128(256) link x0(x16)
            speed 0.0(8.0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pci5@pci:0:3:0:    class=0x060400 card=0x80591bcf chip=0x2f088086 rev=0x02 hdr=0x01
class            = bridge
subclass         = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port slot max data 128(256) link x0(x16)
            speed 0.0(8.0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
none114@pci:0:4:0: class=0x088000 card=0x80591bcf chip=0x2f208086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none115@pci:0:4:1: class=0x088000 card=0x80591bcf chip=0x2f218086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none116@pci:0:4:2: class=0x088000 card=0x80591bcf chip=0x2f228086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none117@pci:0:4:3: class=0x088000 card=0x80591bcf chip=0x2f238086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none118@pci:0:4:4: class=0x088000 card=0x80591bcf chip=0x2f248086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none119@pci:0:4:5: class=0x088000 card=0x80591bcf chip=0x2f258086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none120@pci:0:4:6: class=0x088000 card=0x80591bcf chip=0x2f268086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none121@pci:0:4:7: class=0x088000 card=0x80591bcf chip=0x2f278086 rev=0x02 hdr=0x00
class            = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none122@pci:0:5:0: class=0x088000 card=0x80591bcf chip=0x2f288086 rev=0x02 hdr=0x00
class            = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
none123@pci:0:5:1: class=0x088000 card=0x80591bcf chip=0x2f298086 rev=0x02 hdr=0x00
class            = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
cap 05[80] = MSI supports 1 message, 64 bit
ecap 000b[100] = Vendor 1 ID 6
ecap 000b[110] = Vendor 1 ID 6
ecap 000b[120] = Vendor 1 ID 6
ecap 000b[130] = Vendor 1 ID 6
none124@pci:0:5:2: class=0x088000 card=0x80591bcf chip=0x2f2a8086 rev=0x02 hdr=0x00
class            = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
ioapic@pci:0:5:4: class=0x080020 card=0x80591bcf chip=0x2f2c8086 rev=0x02 hdr=0x00
class            = base peripheral
subclass         = interrupt controller
cap 10[44] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none125@pci:0:17:0: class=0xff0000 card=0x80591bcf chip=0x8d7c8086 rev=0x05 hdr=0x00
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x1(x1)
            speed 2.5(2.5)
cap 01[80] = powerspec 3 supports D0 D3 current D0

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none126@pci:0:20:0: class=0x0c0330 card=0x80591bcf chip=0x8d318086 rev=0x05 hdr=0x00
    class = serial bus
    subclass = USB
    cap 01[70] = powerspec 2 supports D0 D3 current D0
none127@pci:0:22:0: class=0x078000 card=0x80591bcf chip=0x8d3a8086 rev=0x05 hdr=0x00
    class = simple comms
    cap 01[50] = powerspec 3 supports D0 D3 current D0
    cap 05[8c] = MSI supports 1 message, 64 bit
none128@pci:0:22:1: class=0x078000 card=0x80591bcf chip=0x8d3b8086 rev=0x05 hdr=0x00
    class = simple comms
    cap 01[50] = powerspec 3 supports D0 D3 current D0
    cap 05[8c] = MSI supports 1 message, 64 bit
ehci0@pci:0:26:0: class=0x0c0320 card=0x80591bcf chip=0x8d2d8086 rev=0x05 hdr=0x00
    class = serial bus
    subclass = USB
    cap 01[50] = powerspec 2 supports D0 D3 current D0
    cap 0a[58] = EHCI Debug Port at offset 0xa0 in map 0x14
    cap 13[98] = PCI Advanced Features: FLR TP
pcib@pci:0:28:0: class=0x060400 card=0x80591bcf chip=0x8d108086 rev=0xd5 hdr=0x01
    class = bridge
    subclass = PCI-PCI
    cap 10[40] = PCI-Express 2 root port slot max data 128(128) link x0(x1)
        speed 0.0(5.0)
    cap 05[80] = MSI supports 1 message
    cap 0d[90] = PCI Bridge card=0x80591bcf
    cap 01[a0] = powerspec 3 supports D0 D3 current D0
pcib7@pci:0:28:2: class=0x060400 card=0x80591bcf chip=0x8d148086 rev=0xd5 hdr=0x01
    class = bridge
    subclass = PCI-PCI
    cap 10[40] = PCI-Express 2 root port slot max data 128(128) link x1(x1)
        speed 5.0(5.0)
    cap 05[80] = MSI supports 1 message enabled with 1 message
    cap 0d[90] = PCI Bridge card=0x80591bcf
    cap 01[a0] = powerspec 3 supports D0 D3 current D0
pcib8@pci:0:28:3: class=0x060400 card=0x80591bcf chip=0x8d168086 rev=0xd5 hdr=0x01
    class = bridge
    subclass = PCI-PCI
    cap 10[40] = PCI-Express 2 root port slot max data 128(128) link x1(x1)
        speed 2.5(5.0)
    cap 05[80] = MSI supports 1 message enabled with 1 message
    cap 0d[90] = PCI Bridge card=0x80591bcf
    cap 01[a0] = powerspec 3 supports D0 D3 current D0
ehci1@pci:0:29:0: class=0x0c0320 card=0x80591bcf chip=0x8d268086 rev=0x05 hdr=0x00
    class = serial bus
    subclass = USB
    cap 01[50] = powerspec 2 supports D0 D3 current D0
    cap 0a[58] = EHCI Debug Port at offset 0xa0 in map 0x14
    cap 13[98] = PCI Advanced Features: FLR TP
isab0@pci:0:31:0: class=0x060100 card=0x80591bcf chip=0x8d448086 rev=0x05 hdr=0x00
    class = bridge
    subclass = PCI-ISA
    cap 09[e0] = vendor (length 12) Intel cap 1 version 0
        features: AMT, 4 PCI-e x1 slots
atapci0@pci:0:31:2: class=0x010601 card=0x80591bcf chip=0x8d028086 rev=0x05 hdr=0x00
    class = mass storage
    subclass = SATA
    cap 05[80] = MSI supports 1 message
    cap 01[70] = powerspec 3 supports D0 D3 current D0
    cap 12[a8] = SATA Index-Data Pair
none129@pci:0:31:3: class=0x0c0500 card=0x80591bcf chip=0x8d228086 rev=0x05 hdr=0x00
    class = serial bus
    subclass = SMBus
none130@pci:0:1:0:0: class=0x010400 card=0x93641000 chip=0x005d1000 rev=0x02 hdr=0x00
    class = mass storage
    subclass = RAID
    cap 01[50] = powerspec 3 supports D0 D1 D2 D3 current D0
    cap 10[68] = PCI-Express 2 endpoint max data 256(4096) FLR link x8(x8)
        speed 8.0(8.0)
    cap 03[d0] = VPD
    cap 05[a8] = MSI supports 1 message, 64 bit, vector masks
    cap 11[c0] = MSI-X supports 97 messages in map 0x14
ecap 0001[100] = AER 2 0 fatal 0 non-fatal 1 corrected
ecap 0019[1e0] = PCIe Sec 1 lane errors 0
ecap 0004[1c0] = Power Budgeting 1
ecap 0016[190] = DPA 1
ecap 000e[148] = ARI 1
bge0@pci:0:97:0:0: class=0x020000 card=0x80591bcf chip=0x165f14e4 rev=0x00 hdr=0x00
    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 in map 0x20
    cap 10[ac] = PCI-Express 2 endpoint max data 128(256) FLR link x1(x2)
        speed 5.0(5.0)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 0000fcaa14a3c4bf
ecap 0004[150] = Power Budgeting 1

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ecap 0002[160] = VC 1 max VC0
bge1@pci0:97:0:1: class=0x020000 card=0x80591bcf chip=0x165f14e4 rev=0x00 hdr=0x00
  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 in map 0x20
  cap 10[ac] = PCI-Express 2 endpoint max data 128(256) FLR link x1(x2)
    speed 5.0(5.0)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 0000fcaa14a3c4c0
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
vgapci0@pci0:98:0:0: class=0x030000 card=0x80591bcf chip=0x0522102b rev=0x00 hdr=0x00
  class = display
  subclass = VGA
  cap 01[dc] = powerspec 2 supports D0 D3 current D0
  cap 10[e4] = PCI-Express 1 legacy endpoint max data 128(256) link x1(x1)
    speed 2.5(2.5)
  cap 05[54] = MSI supports 1 message
pcib10@pci0:128:0:0: class=0x060400 card=0x80591bcf chip=0x2f018086 rev=0x02 hdr=0x01
  class = bridge
  subclass = PCI-PCI
  cap 0d[40] = PCI Bridge card=0x80591bcf
  cap 05[60] = MSI supports 2 messages, vector masks
  cap 10[90] = PCI-Express 2 root port max data 128(128) link x0(x4)
    speed 0.0(5.0)
  cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib11@pci0:128:1:0: class=0x060400 card=0x80591bcf chip=0x2f028086 rev=0x02 hdr=0x01
  class = bridge
  subclass = PCI-PCI
  cap 0d[40] = PCI Bridge card=0x80591bcf
  cap 05[60] = MSI supports 2 messages, vector masks
  cap 10[90] = PCI-Express 2 root port slot max data 128(256) link x0(x8)
    speed 0.0(8.0)
  cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIE Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib12@pci0:128:2:0: class=0x060400 card=0x80591bcf chip=0x2f048086 rev=0x02 hdr=0x01
  class = bridge
  subclass = PCI-PCI
  cap 0d[40] = PCI Bridge card=0x80591bcf
  cap 05[60] = MSI supports 2 messages, vector masks
  cap 10[90] = PCI-Express 2 root port max data 128(256) link x0(x16)
    speed 0.0(8.0)
  cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIE Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib13@pci0:128:3:0: class=0x060400 card=0x80591bcf chip=0x2f088086 rev=0x02 hdr=0x01
  class = bridge
  subclass = PCI-PCI
  cap 0d[40] = PCI Bridge card=0x80591bcf
  cap 05[60] = MSI supports 2 messages, vector masks
  cap 10[90] = PCI-Express 2 root port max data 128(256) link x0(x16)
    speed 0.0(8.0)
  cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIE Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
none131@pci0:128:4:0: class=0x088000 card=0x80591bcf chip=0x2f208086 rev=0x02 hdr=0x00
  class = base peripheral
  cap 11[80] = MSI-X supports 1 message in map 0x10
  cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
  cap 01[e0] = powerspec 3 supports D0 D3 current D0
none132@pci0:128:4:1: class=0x088000 card=0x80591bcf chip=0x2f218086 rev=0x02 hdr=0x00
  class = base peripheral
  cap 11[80] = MSI-X supports 1 message in map 0x10

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cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none133@pci:128:4:2: class=0x088000 card=0x80591bcf chip=0x2f228086 rev=0x02 hdr=0x00
class = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none134@pci:128:4:3: class=0x088000 card=0x80591bcf chip=0x2f238086 rev=0x02 hdr=0x00
class = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none135@pci:128:4:4: class=0x088000 card=0x80591bcf chip=0x2f248086 rev=0x02 hdr=0x00
class = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none136@pci:128:4:5: class=0x088000 card=0x80591bcf chip=0x2f258086 rev=0x02 hdr=0x00
class = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none137@pci:128:4:6: class=0x088000 card=0x80591bcf chip=0x2f268086 rev=0x02 hdr=0x00
class = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none138@pci:128:4:7: class=0x088000 card=0x80591bcf chip=0x2f278086 rev=0x02 hdr=0x00
class = base peripheral
cap 11[80] = MSI-X supports 1 message in map 0x10
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none139@pci:128:5:0: class=0x088000 card=0x80591bcf chip=0x2f288086 rev=0x02 hdr=0x00
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
none140@pci:128:5:1: class=0x088000 card=0x80591bcf chip=0x2f298086 rev=0x02 hdr=0x00
class = base peripheral
cap 10[40] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
cap 05[80] = MSI supports 1 message, 64 bit
ecap 000b[100] = Vendor 1 ID 6
ecap 000b[110] = Vendor 1 ID 6
ecap 000b[120] = Vendor 1 ID 6
ecap 000b[130] = Vendor 1 ID 6
none141@pci:128:5:2: class=0x088000 card=0x80591bcf chip=0x2f2a8086 rev=0x02 hdr=0x00
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
ioapic1@pci:128:5:4: class=0x080020 card=0x80591bcf chip=0x2f2c8086 rev=0x02 hdr=0x00
class = base peripheral
subclass = interrupt controller
cap 10[44] = PCI-Express 1 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0

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ACPI電源管理データ詳細一覧

```
RSD PTR: OEM=AMI, ACPI_Rev=2.0x (2)
XSDT=0x7b0d4088, length=36, cksum=140
XSDT: Length=140, Revision=1, Checksum=63,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
Entries={ 0x7b0eae28, 0x7b0eaf38, 0x7b0eb048, 0x7b0eb0e8, 0x7b0eb128, 0x7b0eb160, 0x7b0eb190, 0x7b0ebfe8, 0x7b0f3918,
0x7b0f3968, 0x7b0f5250, 0x7b0f52b8, 0x7b0f5420 }
FACP: Length=268, Revision=5, Checksum=208,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
FACS=0x7b641f80, DSDT=0x7b0d41a0
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=0x400-0x403
PM1a_CNT_BLK=0x404-0x405
PM2_CNT_BLK=0x450-0x450
PM_TMR_BLK=0x408-0x40b
GPE0_BLK=0x420-0x42f
P_LVL2_LAT=101 us, P_LVL3_LAT=1001 us
FLUSH_SIZE=1024, FLUSH_STRIDE=16
DUTY_OFFSET=1, DUTY_WIDTH=3
DAY_ALARM=13, MON_ALARM=0, CENTURY=50
IAPC_BOOT_ARCH={LEGACY_DEVICES,NO_ASPM}
Flags={WBINVD,C1_SUPPORTED,C2_MP_SUPPORTED,SLEEP_BUTTON,S4_RTC_WAKE,RESET_REGISTER,PLATFORM_CLOCK}
RESET_REG=0x50d:0[8] (IO), RESET_VALUE=0xbf
FACS: Length=64, HwSig=0x0000001b, FirmWake_Vec=0x00000000
Global_Lock=
Flags=
Version=2
DSDT: Length=93314, Revision=2, Checksum=27,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=INTL, Creator Revision=0x20091013
APIC: Length=268, Revision=3, Checksum=29,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
Local APIC ADDR=0xfe000000
Flags={PC-AT}
Type=Local APIC
ACPI CPU=0
Flags={ENABLED}
APIC ID=0
Type=Local APIC
ACPI CPU=2
Flags={ENABLED}
APIC ID=2
Type=Local APIC
ACPI CPU=4
Flags={ENABLED}
APIC ID=4
Type=Local APIC
ACPI CPU=6
Flags={ENABLED}
APIC ID=6
Type=Local APIC
ACPI CPU=8
Flags={ENABLED}
APIC ID=8
Type=Local APIC
ACPI CPU=10
Flags={ENABLED}
APIC ID=10
Type=Local APIC
ACPI CPU=16
Flags={ENABLED}
APIC ID=16
Type=Local APIC
ACPI CPU=18
Flags={ENABLED}
APIC ID=18
Type=Local APIC
ACPI CPU=20
Flags={ENABLED}
APIC ID=20
Type=Local APIC
ACPI CPU=22
Flags={ENABLED}
APIC ID=22
Type=Local APIC
ACPI CPU=24
Flags={ENABLED}
```

```

APIC ID=24
Type=Local APIC
ACPI CPU=26
Flags={ENABLED}
APIC ID=26
Type=Local APIC NMI
ACPI CPU=0
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=2
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=4
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=6
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=8
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=10
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=16
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=18
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=20
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=22
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=24
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=26
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=IO APIC
APIC ID=8
INT BASE=0
ADDR=0x00000000fec00000
Type=IO APIC
APIC ID=9
INT BASE=24
ADDR=0x00000000fec01000
Type=IO APIC
APIC ID=10
INT BASE=48
ADDR=0x00000000fec40000
Type=INT Override
BUS=0
IRQ=0
INTR=2
Flags={Polarity=conforming, Trigger=conforming}
Type=INT Override
BUS=0
IRQ=9
INTR=9
Flags={Polarity=active-hi, Trigger=level}
FIDT: Length=156, Revision=1, Checksum=213,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
MCFG: Length=60, Revision=1, Checksum=155,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=MSFT, Creator Revision=0x97
Base Address=0x0000000080000000
Segment Group=0x0000
Start Bus=0
End Bus=255
HPET: Length=56, Revision=1, Checksum=167,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013

```

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
SLIT: Length=48, Revision=1, Checksum=69,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013
SRAT: Length=3672, Revision=3, Checksum=103,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013
Table Revision=1
Type=CPU
Flags={ENABLED}
APIC ID=0
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=2
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=4
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=6
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=8
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=10
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=16
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=18
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=20
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=22
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=24
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=26
Proximity Domain=1
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
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Proximity Domain=0
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Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}

APIC ID=255
Proximity Domain=3
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=3
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=3
Type=CPU
Flags={DISABLED}
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Flags={DISABLED}
APIC ID=255
Proximity Domain=1
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=1
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=1
Type=CPU
Flags={DISABLED}


```

Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags=iasl tmp file (read): No such file or directory
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
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Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
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Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
SSDT: Length=31019, Revision=1, Checksum=15,
OEMID=AMI, OEM Table ID=PmMgt, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20120913
SPCR: Length=80, Revision=1, Checksum=33,
OEMID=A M I, OEM Table ID=APTIO V, OEM Revision=0x1072009,
Creator ID=AMI., Creator Revision=0x5
SSDT: Length=6370, Revision=2, Checksum=251,
OEMID=AMI, OEM Table ID=SpsNm, OEM Revision=0x2,
Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=100, Revision=2, Checksum=130,
OEMID=AMI, OEM Table ID=SpsNvs, OEM Revision=0x2,
Creator ID=INTL, Creator Revision=0x20120913
DMAR: Length=360, Revision=1, Checksum=157,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013
BERT: Length=48, Revision=1, Checksum=225,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x1

```


ネットワークインターフェースデータ詳細一覧

```
bge0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether fc:aa:14:a3:c4:bf
inet6 fe80::feaa:14ff:fea3:c4bf%bge0 prefixlen 64 scopeid 0x2
inet 192.168.10.69 netmask 0xfffff00 broadcast 192.168.10.255
nd6 options=3<PERFORMNUD, ACCEPT_RTADV>
media: Ethernet autoselect (1000baseT <full-duplex, flowcontrol, rxpause, txpause>)
status: active
bge1: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TS04, VLAN_HWTSO, LINKSTATE>
ether fc:aa:14:a3:c4:c0
media: Ethernet autoselect (none)
status: no carrier
lo0: flags=8008<LOOPBACK,MULTICAST> metric 0 mtu 16384
options=3<RXCSUM, TXCSUM>
```

デバイス認識詳細一覧

2	1 dr-xr-xr-x	5 root	0	512 Jun 30 13:33	/dev
3	0 crw-r-----	1 root	operator	0, 3 Jun 30 13:33	/dev/geomctl
4	0 crw-----	1 root	0	0, 4 Jun 30 13:33	/dev/devctl
5	0 crw-----	1 root	0	0, 5 Jun 30 13:33	/dev/console
6	0 crw-rw-rw-	1 root	0	0, 6 Jun 30 13:33	/dev/random
7	0 lrwxr-xr-x	1 root	0	6 Jun 30 13:33	/dev/urandom -> random
8	0 crw-----	1 root	0	0, 8 Jun 30 13:33	/dev/klog
9	0 crw-----	1 root	0	0, 9 Jun 30 13:33	/dev/synmouse
10	0 crw-rw-rw-	1 root	0	0, 10 Jun 30 13:33	/dev/ptmx
11	0 crw-rw-rw-	1 root	0	0, 11 Jun 30 13:33	/dev/tty
12	0 crw-----	1 root	0	0, 12 Jun 30 13:40	/dev/bpf
13	0 lrwxr-xr-x	1 root	0	3 Jun 30 13:33	/dev/bpf0 -> bpf
14	0 crw-----	1 root	0	0, 14 Jun 30 13:33	/dev/fido
15	0 crw-----	1 root	2	0, 15 Jun 30 13:33	/dev/nfslock
16	0 crw-----	1 root	0	0, 16 Jun 30 13:33	/dev/kbdmux0
17	0 lrwxr-xr-x	1 root	0	7 Jun 30 13:33	/dev/kbd1 -> kbdmux0
18	0 crw-----	1 root	2	0, 18 Jun 30 13:33	/dev/audit
19	0 crw-r-----	1 root	2	0, 19 Jun 30 13:33	/dev/mem
20	0 crw-r-----	1 root	2	0, 20 Jun 30 13:33	/dev/kmem
109	1 dr-xr-xr-x	2 root	0	512 Jun 30 13:33	/dev/fd
21	0 crw-rw-rw-	1 root	0	0, 21 Jun 30 13:33	/dev/fd/0
23	0 crw-rw-rw-	1 root	0	0, 23 Jun 30 13:33	/dev/fd/1
25	0 crw-rw-rw-	1 root	0	0, 25 Jun 30 13:33	/dev/fd/2
22	0 lrwxr-xr-x	1 root	0	4 Jun 30 13:33	/dev/stdin -> fd/0
24	0 lrwxr-xr-x	1 root	0	4 Jun 30 13:33	/dev/stdout -> fd/1
26	0 lrwxr-xr-x	1 root	0	4 Jun 30 13:33	/dev/stderr -> fd/2
27	0 crw-----	1 root	0	0, 27 Jun 30 13:33	/dev/io
28	0 crw-rw-rw-	1 root	0	0, 28 Jun 30 13:40	/dev/null
29	0 crw-rw-rw-	1 root	0	0, 29 Jun 30 13:33	/dev/zero
30	0 crw-----	1 root	0	0, 30 Jun 30 13:33	/dev/dcons
31	0 crw-----	1 root	0	0, 31 Jun 30 13:33	/dev/dgdb
32	0 crw-r--r--	1 root	0	0, 32 Jun 30 13:33	/dev/pci
33	0 crw-----	1 root	operator	0, 33 Jun 30 13:33	/dev/ata
34	0 crw-r--r--	1 root	0	0, 34 Jun 30 13:33	/dev/acpi
35	0 crw-----	1 root	0	0, 35 Jun 30 13:33	/dev/ttyu0
36	0 crw-----	1 root	0	0, 36 Jun 30 13:33	/dev/ttyu0.init
37	0 crw-----	1 root	0	0, 37 Jun 30 13:33	/dev/ttyu0.lock
38	0 crw-rw----	1 uucp	68	0, 38 Jun 30 13:33	/dev/cuau0
39	0 crw-rw----	1 uucp	68	0, 39 Jun 30 13:33	/dev/cuau0.init
40	0 crw-rw----	1 uucp	68	0, 40 Jun 30 13:33	/dev/cuau0.lock
41	0 crw-----	1 root	0	0, 41 Jun 30 13:33	/dev/ttyu1
42	0 crw-----	1 root	0	0, 42 Jun 30 13:33	/dev/ttyu1.init
43	0 crw-----	1 root	0	0, 43 Jun 30 13:33	/dev/ttyu1.lock
44	0 crw-rw----	1 uucp	68	0, 44 Jun 30 13:33	/dev/cuau1
45	0 crw-rw----	1 uucp	68	0, 45 Jun 30 13:33	/dev/cuau1.init
46	0 crw-rw----	1 uucp	68	0, 46 Jun 30 13:33	/dev/cuau1.lock
47	0 crw-----	1 root	0	0, 47 Jun 30 13:36	/dev/ttyv0
48	0 crw-----	1 root	0	0, 48 Jun 30 13:33	/dev/ttyv1
49	0 crw-----	1 root	0	0, 49 Jun 30 13:33	/dev/ttyv2
50	0 crw-----	1 root	0	0, 50 Jun 30 14:01	/dev/ttyv3
51	0 crw-----	1 root	0	0, 51 Jun 30 13:33	/dev/ttyv4
52	0 crw-----	1 root	0	0, 52 Jun 30 13:33	/dev/ttyv5
53	0 crw-----	1 root	0	0, 53 Jun 30 13:33	/dev/ttyv6
54	0 crw-----	1 root	0	0, 54 Jun 30 13:33	/dev/ttyv7
55	0 crw-----	1 root	0	0, 55 Jun 30 13:33	/dev/ttyv8
56	0 crw-----	1 root	0	0, 56 Jun 30 13:33	/dev/ttyv9
57	0 crw-----	1 root	0	0, 57 Jun 30 13:33	/dev/ttyva
58	0 crw-----	1 root	0	0, 58 Jun 30 13:33	/dev/ttyvb
59	0 crw-----	1 root	0	0, 59 Jun 30 13:33	/dev/ttyvc
60	0 crw-----	1 root	0	0, 60 Jun 30 13:33	/dev/ttyvd
61	0 crw-----	1 root	0	0, 61 Jun 30 13:33	/dev/ttyve
62	0 crw-----	1 root	0	0, 62 Jun 30 13:33	/dev/ttyvf
63	0 crw-----	1 root	0	0, 63 Jun 30 13:33	/dev/conslectl
64	0 crw-----	1 root	0	0, 64 Jun 30 13:33	/dev/atkbd0
65	0 lrwxr-xr-x	1 root	0	6 Jun 30 13:33	/dev/kbd0 -> atkbd0
66	0 crw-r--r--	1 root	operator	0, 66 Jun 30 13:33	/dev/usbctl
67	0 crw-----	1 root	operator	0, 67 Jun 30 13:33	/dev/xpt0
68	0 cr-----	1 root	0	0, 68 Jun 30 13:33	/dev/devstat
69	0 crw-----	1 root	0	0, 69 Jun 30 13:33	/dev/mdctl
110	1 dr-xr-xr-x	2 root	0	512 Jun 30 13:33	/dev/usb
70	0 crw-----	1 root	operator	0, 70 Jun 30 13:33	/dev/usb/0.1.0
72	0 crw-----	1 root	operator	0, 72 Jun 30 13:33	/dev/usb/1.1.0
79	0 crw-----	1 root	operator	0, 79 Jun 30 13:33	/dev/usb/1.1.1
80	0 crw-----	1 root	operator	0, 80 Jun 30 13:33	/dev/usb/0.1.1
81	0 crw-----	1 root	operator	0, 81 Jun 30 13:33	/dev/usb/0.2.0
83	0 crw-----	1 root	operator	0, 83 Jun 30 13:33	/dev/usb/1.2.0
85	0 crw-----	1 root	operator	0, 85 Jun 30 13:33	/dev/usb/0.2.1
86	0 crw-----	1 root	operator	0, 86 Jun 30 13:33	/dev/usb/1.2.1
87	0 crw-----	1 root	operator	0, 87 Jun 30 13:33	/dev/usb/0.3.0
89	0 crw-----	1 root	operator	0, 89 Jun 30 13:33	/dev/usb/0.3.1
90	0 crw-----	1 root	operator	0, 90 Jun 30 13:33	/dev/usb/1.3.0
92	0 crw-----	1 root	operator	0, 92 Jun 30 13:33	/dev/usb/1.3.1
93	0 crw-----	1 root	operator	0, 93 Jun 30 13:33	/dev/usb/1.3.2

97	0 crw-----	1 root	operator	0,	97 Jun 30 13:33	/dev/usb/0.4.0
99	0 crw-----	1 root	operator	0,	99 Jun 30 13:33	/dev/usb/0.4.1
102	0 crw-----	1 root	operator	0,	102 Jun 30 13:33	/dev/usb/0.5.0
104	0 crw-----	1 root	operator	0,	104 Jun 30 13:33	/dev/usb/0.5.1
105	0 crw-----	1 root	operator	0,	105 Jun 30 13:33	/dev/usb/0.5.2
71	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen0.1 -> usb/0.1.0
73	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen1.1 -> usb/1.1.0
111	1 dr-xr-xr-x	2 root	0		512 Jun 30 13:33	/dev/ufsid
75	0 crw-r-----	1 root	operator	0,	75 Jun 30 13:33	/dev/md0
78	0 crw-r-----	1 root	operator	0,	78 Jun 30 13:33	/dev/acd0
82	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen0.2 -> usb/0.2.0
84	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen1.2 -> usb/1.2.0
88	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen0.3 -> usb/0.3.0
91	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen1.3 -> usb/1.3.0
94	0 crw-----	1 root	operator	0,	94 Jun 30 13:33	/dev/pass0
95	0 crw-r-----	1 root	operator	0,	95 Jun 30 13:33	/dev/da0
96	0 crw-r-----	1 root	operator	0,	96 Jun 30 13:33	/dev/da0a
98	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen0.4 -> usb/0.4.0
100	0 crw-----	1 root	0	0,	100 Jun 30 13:33	/dev/ukbd0
101	0 lrwxr-xr-x	1 root	0		5 Jun 30 13:33	/dev/kbd2 -> ukbd0
103	0 lrwxr-xr-x	1 root	0		9 Jun 30 13:33	/dev/ugen0.5 -> usb/0.5.0
106	0 crw-----	1 root	0	0,	106 Jun 30 13:33	/dev/ukbd1
107	0 lrwxr-xr-x	1 root	0		5 Jun 30 13:33	/dev/kbd3 -> ukbd1
108	0 crw-r--r--	1 root	operator	0,	108 Jun 30 13:33	/dev/ums0

更新履歷

更新履歴

- 2015年07月01日 FreeBSD動作検証レポート2015年6月30日版作成

FreeBSD動作検証レポート

R120f-2E / 8.4-RELEASE

対象ハードウェア

maker:NEC, product:Express5800/R120f-2E
[N8100-2263Y], serial:5300109, version:FR1.3

対象OSバージョン

FreeBSD 8.4-RELEASE #0 r251259: Sun Jun 2
21:26:57 UTC 2013

2015年6月30日版

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