

FreeBSD動作検証レポート

R120f-1E / 9.3-RELEASE

対象ハードウェア

maker:NEC, product:Express5800/R120f-1E [N8100-2248Y],
serial:5200107, version:FR1.0

対象OSバージョン

FreeBSD 9.3-RELEASE #0: Tue Nov 24 17:20:35 JST 2015

2015年12月8日版

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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	da398a36-3dbc-e411-8001-448a5bf84e8
製品データ	maker:NEC, product:Express5800/R120f-1E [N8100-2248Y], serial:5200107, version:FR1.0
筐体データ	maker:NEC, serial:01, tag:_____, version:856-857682-031
CPU	Intel(R) Xeon(R) CPU E5-2660 v3 @ 2.60GHz
MEMORY	134217728[KB]
BIOS	reldate:11/21/2014, vendor:American Megatrends Inc., version:5.0.4015
ACPI	oem:AMI , revision:2, rsdp:984368, rsdt:0x7b081028, xsdt:0x000000007b081080
OS	FreeBSD 9.3-RELEASE #0: Tue Nov 24 17:20:35 JST 2015

基礎性能データ

メモリアクセス速度	24.858 GBi/sec
IPv4スタック処理速度	392.485 MBi/sec
IPv6スタック処理速度	288.019 MBi/sec

動作検証要約

1way/2way アーキテクチャ

FreeBSD 9.3-RELEASE #0: Tue Nov 24 17:20:35 JST 2015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、mrsas(4)ドライバを利用することで検証対象ハードウェア「maker:NEC, product:Express5800/R120f-1E [N8100-2248Y], serial:5200107, version:FR1.0」において動作する。

FreeBSD 9.3-RELEASEでは、デフォルトではLSI MegaRAID SAS 2208をmfi(4)ドライバで使用する。mfi(4)ドライバでストレージを認識、操作することは可能だが高負荷時に同アダプタが原因とみられるパニックが発生することがある。このため、同ハードウェアを使用する場合、以下のようにカーネルからmfi(4)を削除し、mrsas(4)を使用するよう設定し、カーネルの再構築を行う必要がある。なお、FreeBSD 10.1-RELEASE以降からmrsas(4)を使用する場合は、loader.conf(5)にmrsas(4)を有効にする設定を記述することでカーネルの再構築をせずに利用することができる。

```
device mrsas
# device mfi
```

1way/2way共通

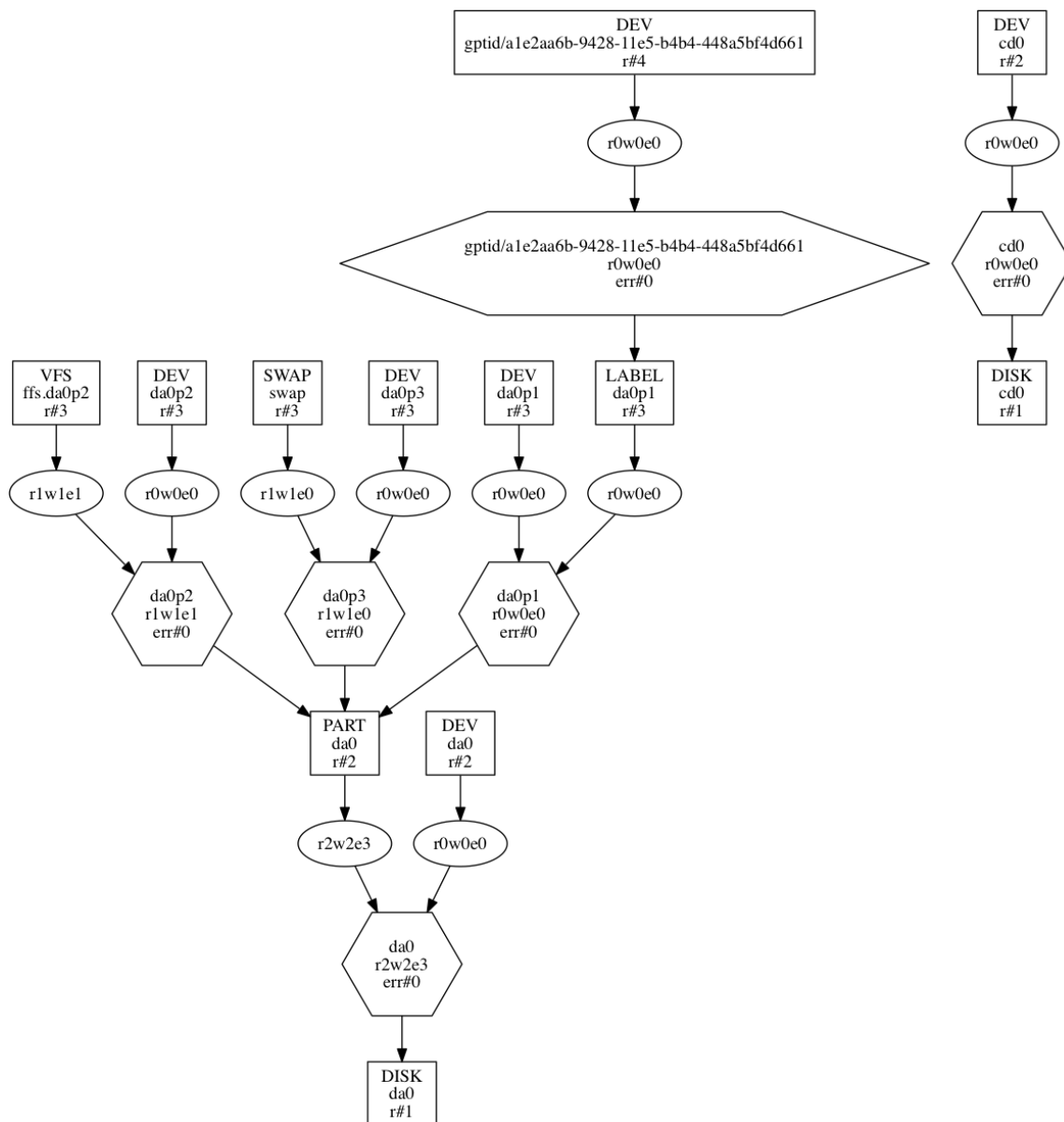
UEFIブートへの対応はFreeBSD 10.2-RELEASE以降で行われている。ただし、「maker:NEC, product:Express5800/R120f-1E [N8100-2248Y], serial:5200107, version:FR1.0」においてUEFI版FreeBSD 10.2-RELEASEはFreeBSD 10-STABLEからのパッチを適用しないと動作しない。FreeBSD 9.3-RELEASEにおいてUEFIブートおよび4Kセクタストレージを使用するには、将来のバージョンからバックポートしてカーネルを再構築することで利用できる可能性がある。

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。

互換情報

NEC Express5800/R120f-2M、NEC Express5800/R120f-1M、NEC Express5800/R120f-1Eは同じマザーボードを採用しており、本動作検証レポートの内容はNEC Express5800/R120f-2MおよびNEC Express5800/R120f-1Mにおいても有効。

検証機GEOMツリー



高負荷耐久試験

高負荷耐久試験

試験結果

検証対象ハードウェア(maker:NEC, product:Express5800/R120f-1E [N8100-2248Y], serial:5200107, version:FR1.0)は24時間高負荷耐久試験をクリアしており、所定の負荷に対して安定して動作するものとみられる。

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

動作検証レポート

動作検証レポート

ACPI認識データ

ACPI_APIC	Revision=3, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_BERT	Revision=1, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x1
ACPI_DMAR	Revision=1, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_DSDT	Revision=2, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1072009, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_FACP	Revision=5, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013, FACS=0x7b5f3f80, DSDT=0x7b081198, SMI_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0, FLUSH_STRIDE=16, DUTY_WIDTH=3, RESET_VALUE=0xbf
ACPI_FACS	HwSig=0x00000042, Firm_Wake_Vec=0x00000000
ACPI_FIDT	Length=156, Revision=1, Checksum=223, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_HPET	Revision=1, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_MCFG	Revision=1, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1072009, Creator_ID=MSFT, Creator_Revision=0x97
ACPI_RSD_PTR	OEM=AMI, ACPI_Rev=2.0x_(2), XSDT=0x7b081080
ACPI_SLIT	Revision=1, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_SRAT	Revision=3, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_XSDT	Revision=1, OEMID=AMI, OEM_Table ID=0680, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_SSDT_1	Length=31969, Revision=1, Checksum=238, OEMID=AMI, OEM_Table ID=PmMgt, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_2	Length=6370, Revision=2, Checksum=187, OEMID=AMI, OEM_Table ID=SpsNm, OEM_Revision=0x2, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_3	Length=100, Revision=2, Checksum=102, 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

※ 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	bxe0, bxe1, bxe2, bxe3
bxe0	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TSO4, TSO6, LRO, VLAN_HWFILTER, VLAN_HWTSO>, ether=44:8a:5b:f4:d6:61, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (none)
bxe1	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TSO4, TSO6, LRO, VLAN_HWFILTER, VLAN_HWTSO>, ether=44:8a:5b:f4:d6:63, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (none)
bxe2	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TSO4, TSO6, LRO, VLAN_HWFILTER, VLAN_HWTSO>, ether=44:8a:5b:f4:d6:5d, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (none)
bxe3	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TSO4, TSO6, LRO, VLAN_HWFILTER, VLAN_HWTSO>, ether=44:8a:5b:f4:d6:5f, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (none)

カーネルデバイス認識データ

acpi	audit	bpf	bpf0(bpf)
cd0	console	consolectl	ctty
cuau0	cuau0.init	cuau0.lock	cuau1
cuau1.init	cuau1.lock	da0	da0p1
da0p2	da0p3	devctl	devstat
dumpdev(da0p3)	fd	fd/0	fd/1
fd/2	fido	geom.ctl	gptid
gptid/a1e2aa6b-9428-11e5-b4b4-448a5bf4d661	io	kbd0(ukbd0)	kbd1(kbdmux0)
kbdmux0	klog	kmem	led
led/ahcich0.fault	led/ahcich0.locate	led/ahcich1.fault	led/ahcich1.locate
led/ahcich2.fault	led/ahcich2.locate	led/ahcich3.fault	led/ahcich3.locate
led/ahcich4.fault	led/ahcich4.locate	led/ahcich5.fault	led/ahcich5.locate
log(/var/run/log)	mdctl	mem	midistat
mrsas0	nfslock	null	pass0
pass1	pci	ptmx	random
sndstat	stderr(fd/2)	stdin(fd/0)	stdout(fd/1)
sysmouse	ttyu0	ttyu0.init	ttyu0.lock
ttyu1	ttyu1.init	ttyu1.lock	ttyv0
ttyv1	ttyv2	ttyv3	ttyv4
ttyv5	ttyv6	ttyv7	ttyv8
ttyv9	ttyva	ttyvb	ttyvc
ttyvd	ttyve	ttyvf	ufssuspend
ugen0.1(usb/0.1.0)	ugen1.1(usb/1.1.0)	ugen1.2(usb/1.2.0)	ugen1.3(usb/1.3.0)
ugen2.1(usb/2.1.0)	ugen2.2(usb/2.2.0)	ugen2.3(usb/2.3.0)	ugen2.4(usb/2.4.0)
ukbd0	ukbd1	ums0	urandom(random)
usb	usb/0.1.0	usb/0.1.1	usb/1.1.0
usb/1.1.1	usb/1.2.0	usb/1.2.1	usb/1.3.0
usb/1.3.1	usb/1.3.2	usb/2.1.0	usb/2.1.1
usb/2.2.0	usb/2.2.1	usb/2.3.0	usb/2.3.1
usb/2.4.0	usb/2.4.1	usbctl	xpt0
zero			

PCI認識データ

1	pci0:255:8:0(none0), class=base peripheral, vendor='Intel Corporation', device=
2	pci0:255:8:2(none1), class=dasp, vendor='Intel Corporation', device=
3	pci0:255:8:3(none2), class=base peripheral, vendor='Intel Corporation', device=
4	pci0:255:9:0(none3), class=base peripheral, vendor='Intel Corporation', device=
5	pci0:255:9:2(none4), class=dasp, vendor='Intel Corporation', device=
6	pci0:255:9:3(none5), class=base peripheral, vendor='Intel Corporation', device=
7	pci0:255:11:0(none6), class=base peripheral, vendor='Intel Corporation', device=
8	pci0:255:11:1(none7), class=dasp, vendor='Intel Corporation', device=
9	pci0:255:11:2(none8), class=dasp, vendor='Intel Corporation', device=
10	pci0:255:12:0(none9), class=base peripheral, vendor='Intel Corporation', device=
11	pci0:255:12:1(none10), class=base peripheral, vendor='Intel Corporation', device=
12	pci0:255:12:2(none11), class=base peripheral, vendor='Intel Corporation', device=
13	pci0:255:12:3(none12), class=base peripheral, vendor='Intel Corporation', device=
14	pci0:255:12:4(none13), class=base peripheral, vendor='Intel Corporation', device=
15	pci0:255:12:5(none14), class=base peripheral, vendor='Intel Corporation', device=
16	pci0:255:12:6(none15), class=base peripheral, vendor='Intel Corporation', device=
17	pci0:255:12:7(none16), class=base peripheral, vendor='Intel Corporation', device=
18	pci0:255:13:0(none17), class=base peripheral, vendor='Intel Corporation', device=
19	pci0:255:13:1(none18), class=base peripheral, vendor='Intel Corporation', device=
20	pci0:255:15:0(none19), class=base peripheral, vendor='Intel Corporation', device=
21	pci0:255:15:1(none20), class=base peripheral, vendor='Intel Corporation', device=
22	pci0:255:15:2(none21), class=base peripheral, vendor='Intel Corporation', device=
23	pci0:255:15:3(none22), class=base peripheral, vendor='Intel Corporation', device=
24	pci0:255:15:4(none23), class=base peripheral, vendor='Intel Corporation', device=
25	pci0:255:15:5(none24), class=base peripheral, vendor='Intel Corporation', device=
26	pci0:255:15:6(none25), class=base peripheral, vendor='Intel Corporation', device=
27	pci0:255:16:0(none26), class=base peripheral, vendor='Intel Corporation', device=
28	pci0:255:16:1(none27), class=dasp, vendor='Intel Corporation', device=
29	pci0:255:16:5(none28), class=base peripheral, vendor='Intel Corporation', device=
30	pci0:255:16:6(none29), class=dasp, vendor='Intel Corporation', device=
31	pci0:255:16:7(none30), class=base peripheral, vendor='Intel Corporation', device=
32	pci0:255:18:0(none31), class=base peripheral, vendor='Intel Corporation', device=
33	pci0:255:18:1(none32), class=dasp, vendor='Intel Corporation', device=
34	pci0:255:18:4(none33), class=base peripheral, vendor='Intel Corporation', device=
35	pci0:255:18:5(none34), class=dasp, vendor='Intel Corporation', device=
36	pci0:255:19:0(none35), class=base peripheral, vendor='Intel Corporation', device=
37	pci0:255:19:1(none36), class=base peripheral, vendor='Intel Corporation', device=
38	pci0:255:19:2(none37), class=base peripheral, vendor='Intel Corporation', device=
39	pci0:255:19:3(none38), class=base peripheral, vendor='Intel Corporation', device=
40	pci0:255:19:6(none39), class=base peripheral, vendor='Intel Corporation', device=
41	pci0:255:19:7(none40), class=base peripheral, vendor='Intel Corporation', device=
42	pci0:255:20:0(none41), class=base peripheral, vendor='Intel Corporation', device=
43	pci0:255:20:1(none42), class=base peripheral, vendor='Intel Corporation', device=
44	pci0:255:20:2(none43), class=base peripheral, vendor='Intel Corporation', device=
45	pci0:255:20:3(none44), class=base peripheral, vendor='Intel Corporation', device=
46	pci0:255:20:4(none45), class=base peripheral, vendor='Intel Corporation', device=
47	pci0:255:20:5(none46), class=base peripheral, vendor='Intel Corporation', device=
48	pci0:255:20:6(none47), class=base peripheral, vendor='Intel Corporation', device=
49	pci0:255:20:7(none48), class=base peripheral, vendor='Intel Corporation', device=

101	pci0:127:16:7(none100), class=base peripheral, vendor='Intel Corporation', device=
102	pci0:127:18:0(none101), class=base peripheral, vendor='Intel Corporation', device=
103	pci0:127:18:1(none102), class=dasp, vendor='Intel Corporation', device=
104	pci0:127:18:4(none103), class=base peripheral, vendor='Intel Corporation', device=
105	pci0:127:18:5(none104), class=dasp, vendor='Intel Corporation', device=
106	pci0:127:19:0(none105), class=base peripheral, vendor='Intel Corporation', device=
107	pci0:127:19:1(none106), class=base peripheral, vendor='Intel Corporation', device=
108	pci0:127:19:2(none107), class=base peripheral, vendor='Intel Corporation', device=
109	pci0:127:19:3(none108), class=base peripheral, vendor='Intel Corporation', device=
110	pci0:127:19:6(none109), class=base peripheral, vendor='Intel Corporation', device=
111	pci0:127:19:7(none110), class=base peripheral, vendor='Intel Corporation', device=
112	pci0:127:20:0(none111), class=base peripheral, vendor='Intel Corporation', device=
113	pci0:127:20:1(none112), class=base peripheral, vendor='Intel Corporation', device=
114	pci0:127:20:2(none113), class=base peripheral, vendor='Intel Corporation', device=
115	pci0:127:20:3(none114), class=base peripheral, vendor='Intel Corporation', device=
116	pci0:127:20:4(none115), class=base peripheral, vendor='Intel Corporation', device=
117	pci0:127:20:5(none116), class=base peripheral, vendor='Intel Corporation', device=
118	pci0:127:20:6(none117), class=base peripheral, vendor='Intel Corporation', device=
119	pci0:127:20:7(none118), class=base peripheral, vendor='Intel Corporation', device=
120	pci0:127:22:0(none119), class=base peripheral, vendor='Intel Corporation', device=
121	pci0:127:22:1(none120), class=base peripheral, vendor='Intel Corporation', device=
122	pci0:127:22:2(none121), class=base peripheral, vendor='Intel Corporation', device=
123	pci0:127:22:3(none122), class=base peripheral, vendor='Intel Corporation', device=
124	pci0:127:22:6(none123), class=base peripheral, vendor='Intel Corporation', device=
125	pci0:127:22:7(none124), class=base peripheral, vendor='Intel Corporation', device=
126	pci0:127:23:0(none125), class=base peripheral, vendor='Intel Corporation', device=
127	pci0:127:23:1(none126), class=base peripheral, vendor='Intel Corporation', device=
128	pci0:127:23:2(none127), class=base peripheral, vendor='Intel Corporation', device=
129	pci0:127:23:3(none128), class=base peripheral, vendor='Intel Corporation', device=
130	pci0:127:23:4(none129), class=base peripheral, vendor='Intel Corporation', device=
131	pci0:127:23:5(none130), class=base peripheral, vendor='Intel Corporation', device=
132	pci0:127:23:6(none131), class=base peripheral, vendor='Intel Corporation', device=
133	pci0:127:23:7(none132), class=base peripheral, vendor='Intel Corporation', device=
134	pci0:127:30:0(none133), class=base peripheral, vendor='Intel Corporation', device=
135	pci0:127:30:1(none134), class=base peripheral, vendor='Intel Corporation', device=
136	pci0:127:30:2(none135), class=base peripheral, vendor='Intel Corporation', device=
137	pci0:127:30:3(none136), class=base peripheral, vendor='Intel Corporation', device=
138	pci0:127:30:4(none137), class=base peripheral, vendor='Intel Corporation', device=
139	pci0:127:31:0(none138), class=base peripheral, vendor='Intel Corporation', device=
140	pci0:127:31:2(none139), class=base peripheral, vendor='Intel Corporation', device=
141	pci0:0:0:0(hostb0), class=HOST-PCI, vendor='Intel Corporation', device=
142	pci0:0:1:0(pcib3), class=PCI-PCI, vendor='Intel Corporation', device=
143	pci0:0:2:0(pcib4), class=PCI-PCI, vendor='Intel Corporation', device=
144	pci0:0:2:2(pcib5), class=PCI-PCI, vendor='Intel Corporation', device=
145	pci0:0:3:0(pcib6), class=PCI-PCI, vendor='Intel Corporation', device=
146	pci0:0:3:2(pcib7), class=PCI-PCI, vendor='Intel Corporation', device=
147	pci0:0:4:0(none140), class=base peripheral, vendor='Intel Corporation', device=
148	pci0:0:4:1(none141), class=base peripheral, vendor='Intel Corporation', device=
149	pci0:0:4:2(none142), class=base peripheral, vendor='Intel Corporation', device=
150	pci0:0:4:3(none143), class=base peripheral, vendor='Intel Corporation', device=
151	pci0:0:4:4(none144), class=base peripheral, vendor='Intel Corporation', device=

152	pci0:0:4:5(none145), class=base peripheral, vendor='Intel Corporation', device=
153	pci0:0:4:6(none146), class=base peripheral, vendor='Intel Corporation', device=
154	pci0:0:4:7(none147), class=base peripheral, vendor='Intel Corporation', device=
155	pci0:0:5:0(none148), class=base peripheral, vendor='Intel Corporation', device=
156	pci0:0:5:1(none149), class=base peripheral, vendor='Intel Corporation', device=
157	pci0:0:5:2(none150), class=base peripheral, vendor='Intel Corporation', device=
158	pci0:0:5:4(ioapic0), class=interrupt controller, vendor='Intel Corporation', device=
159	pci0:0:17:0(none151), class=, vendor='Intel Corporation', device=
160	pci0:0:20:0(xhci0), class=USB, vendor='Intel Corporation', device=
161	pci0:0:22:0(none152), class=simple comms, vendor='Intel Corporation', device=
162	pci0:0:22:1(none153), class=simple comms, vendor='Intel Corporation', device=
163	pci0:0:26:0(ehci0), class=USB, vendor='Intel Corporation', device=
164	pci0:0:28:0(pci8), class=PCI-PCI, vendor='Intel Corporation', device=
165	pci0:0:28:3(pci9), class=PCI-PCI, vendor='Intel Corporation', device=
166	pci0:0:29:0(ehci1), class=USB, vendor='Intel Corporation', device=
167	pci0:0:31:0(isab0), class=PCI-ISA, vendor='Intel Corporation', device=
168	pci0:0:31:2(ahci0), class=SATA, vendor='Intel Corporation', device=
169	pci0:0:31:3(none154), class=SMBus, vendor='Intel Corporation', device=
170	pci0:1:0:0(mrsas0), class=RAID, vendor='LSI Logic / Symbios Logic', device='MegaRAID SAS-3 3108 [Invader]'
171	pci0:5:0:0(bxe0), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme II BCM57800 10 Gigabit Ethernet'
172	pci0:5:0:1(bxe1), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme II BCM57800 10 Gigabit Ethernet'
173	pci0:5:0:2(bxe2), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme II BCM57800 10 Gigabit Ethernet'
174	pci0:5:0:3(bxe3), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme II BCM57800 10 Gigabit Ethernet'
175	pci0:125:0:0(vgapci0), class=VGA, vendor='Matrox Graphics, Inc.', device='MGA G200e [Pilot] ServerEngines (SEP1)'
176	pci0:128:0:0(pci11), class=PCI-PCI, vendor='Intel Corporation', device=
177	pci0:128:1:0(pci12), class=PCI-PCI, vendor='Intel Corporation', device=
178	pci0:128:2:0(pci13), class=PCI-PCI, vendor='Intel Corporation', device=
179	pci0:128:3:0(pci14), class=PCI-PCI, vendor='Intel Corporation', device=
180	pci0:128:4:0(none155), class=base peripheral, vendor='Intel Corporation', device=
181	pci0:128:4:1(none156), class=base peripheral, vendor='Intel Corporation', device=
182	pci0:128:4:2(none157), class=base peripheral, vendor='Intel Corporation', device=
183	pci0:128:4:3(none158), class=base peripheral, vendor='Intel Corporation', device=
184	pci0:128:4:4(none159), class=base peripheral, vendor='Intel Corporation', device=
185	pci0:128:4:5(none160), class=base peripheral, vendor='Intel Corporation', device=
186	pci0:128:4:6(none161), class=base peripheral, vendor='Intel Corporation', device=
187	pci0:128:4:7(none162), class=base peripheral, vendor='Intel Corporation', device=
188	pci0:128:5:0(none163), class=base peripheral, vendor='Intel Corporation', device=
189	pci0:128:5:1(none164), class=base peripheral, vendor='Intel Corporation', device=
190	pci0:128:5:2(none165), class=base peripheral, vendor='Intel Corporation', device=
191	pci0:128:5:4(ioapic1), class=interrupt controller, vendor='Intel Corporation', device=

動作検証レポート 詳細データ

詳細データ

カーネル環境変数データ詳細一覧

```
LINES="24"
bootfile="kernel"
comconsole_pcidv=" "
comconsole_port="1016"
comconsole_speed="9600"
console="vidconsole"
currdev="disk0p2:"
hint.acpi.0.oem="AMI "
hint.acpi.0.revision="2"
hint.acpi.0.rsdp="984368"
hint.acpi.0.rsdt="0x7b081028"
hint.acpi.0.xsdt="0x00000007b081080"
hint.acpi.0.xsdt_length="36"
hint.atkbd.0.at="atkbd"
hint.atkbd.0.irq="1"
hint.atkbc.0.at="isa"
hint.atkbc.0.port="0x060"
hint.atrtc.0.at="isa"
hint.atrtc.0.irq="8"
hint.atrtc.0.port="0x70"
hint.attimer.0.at="isa"
hint.attimer.0.irq="0"
hint.attimer.0.port="0x40"
hint.fd.0.at="fdc0"
hint.fd.0.drive="0"
hint.fd.1.at="fdc0"
hint.fd.1.drive="1"
hint.fdc.0.at="isa"
hint.fdc.0.drq="2"
hint.fdc.0.irq="6"
hint.fdc.0.port="0x3f0"
hint.ppc.0.at="isa"
hint.ppc.0.irq="7"
hint.psm.0.at="atkbd"
hint.psm.0.irq="12"
hint.sc.0.at="isa"
hint.sc.0.flags="0x100"
hint.uart.0.at="isa"
hint.uart.0.flags="0x10"
hint.uart.0.irq="4"
hint.uart.0.port="0x3f8"
hint.uart.1.at="isa"
hint.uart.1.irq="3"
hint.uart.1.port="0x2f8"
hint.wbwd.0.at="isa"
interpret="OK"
kernel="kernel"
kernel[0]="kernel"
kernel[1]="kernel.old"
kernel_options=""
kernelname="/boot/kernel/kernel"
loaderdev="disk0p2:"
loader_conf_files="/boot/device.hints /boot/loader.conf /boot/loader.conf.local"
mac_ifoff="NO"
module_path="/boot/kernel;/boot/modules"
smbios.bios.reldate="11/21/2014"
smbios.bios.vendor="American Megatrends Inc."
smbios.bios.version="5.0.4015"
smbios.chassis.maker="NEC"
smbios.chassis.serial="01"
smbios.chassis.tag="-----"
smbios.chassis.version="856-857682-031"
smbios.memory.enabled="134217728"
smbios.planar.maker="MICRO-STAR"
smbios.planar.product="MS-S0901-V"
smbios.planar.serial="EC16255312"
smbios.planar.version="S11"
smbios.socket.enabled="2"
smbios.socket.populated="2"
smbios.system.maker="NEC"
smbios.system.product="Express5800/R120f-1E [N8100-2248Y]"
smbios.system.serial="5200107"
smbios.system.uuid="da398a36-3dbc-e411-8001-448a5bf84ef8"
smbios.system.version="FR1.0"
smbios.version="2.7"
temp_options=""
vfs.root.mountfrom="ufs:/dev/da0p2"
vfs.root.mountfrom.options="rw"
```

カーネルステータスデータ詳細一覧

```
kern.ostype: FreeBSD
kern.osrelease: 9.3-RELEASE
kern.osrevision: 199506
kern.version: FreeBSD 9.3-RELEASE #0: Tue Nov 24 17:20:35 JST 2015
    root@verify.bsdconsulting.co.jp:/usr/obj/usr/src/sys/GENERIC
kern.maxvnodes: 2243006
kern.maxproc: 136356
kern.maxfiles: 4190915
kern.argmax: 262144
kern.securelevel: -1
kern.hostname: verify.bsdconsulting.co.jp
kern.hostid: 3419988800
kern.clockrate: { hz = 1000, tick = 1000, profhz = 8128, stathz = 127 }
kern.posix1version: 200112
kern.ngroups: 1023
kern.job_control: 1
kern.saved_ids: 0
kern.boottime: { sec = 1449542608, usec = 402229 } Tue Dec  8 11:43:28 2015
kern.domainname:
kern.osreldate: 903000
kern.bootfile: /boot/kernel/kernel
kern.maxfilesperproc: 3771819
kern.maxprocperuid: 122720
kern.ipc.maxsockbuf: 2097152
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.nmbufs: 52042830
kern.ipc.nmbjumbo16: 2710560
kern.ipc.nmbjumbo9: 3614085
kern.ipc.nmbjumbo6: 4065845
kern.ipc.nmbclusters: 8131692
kern.ipc.maxbufmem: 66614818816
kern.ipc.piperizeallowed: 1
kern.ipc.piperizefail: 0
kern.ipc.pipeallocfail: 0
kern.ipc.pipefragretry: 0
kern.ipc.pipekva: 0
kern.ipc.maxpipekva: 2145746944
kern.ipc.msgseg: 2048
kern.ipc.msgsz: 8
kern.ipc.msgql: 40
kern.ipc.msgmb: 2048
kern.ipc.msgmni: 40
kern.ipc.msgmax: 16384
kern.ipc.semaem: 16384
kern.ipc.semvmx: 32767
kern.ipc.semusz: 632
kern.ipc.semume: 50
kern.ipc.semopm: 100
kern.ipc.semmsl: 340
kern.ipc.semnu: 150
kern.ipc.semms: 340
kern.ipc.semni: 50
kern.ipc.shm_allow_removed: 0
kern.ipc.shm_use_phys: 0
kern.ipc.shmall: 131072
kern.ipc.shmseg: 128
kern.ipc.shmni: 192
kern.ipc.shmin: 1
kern.ipc.shmax: 536870912
kern.ipc.maxsockets: 4190915
kern.ipc.numopensockets: 12
kern.ipc.nsfbufsused: 0
kern.ipc.nsfbufspeak: 0
kern.ipc.nsfbufs: 0
kern.dummy: 0
kern.ps_strings: 140737488351200
kern.usrstack: 140737488351232
kern.logsigexit: 1
kern.iov_max: 1024
kern.hostuid: da398a36-3dbc-e411-8001-448a5bf84ef8
kern.cam.sort_io_queues: 1
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.timeout: 30000
kern.cam.cd.retry_count: 4
kern.cam.cd.poll_period: 3
kern.cam.cd.changer_max_busy_seconds: 15
kern.cam.cd.changer_min_busy_seconds: 5
kern.cam.cd.0.minimum_cmd_size: 6
kern.cam.ada.write_cache: 1
kern.cam.ada.read_ahead: 1
kern.cam.ada.spindown_suspend: 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: 1
kern.cam.da.send_ordered: 1
kern.cam.da.default_timeout: 60
kern.cam.da.retry_count: 4
kern.cam.da.poll_period: 3
kern.cam.da.0.delete_method: NONE
kern.cam.da.0.delete_max: 131072
```

```

kern.cam.da.0.minimum_cmd_size: 6
kern.cam.da.0.sort_io_queue: -1
kern.cam.da.0.error_inject: 0
kern.cam.enc.emulate_array_devices: 1
kern.tty_pty_warningcnt: 1
kern.disks: cd0 da0
kern.geom.dev.delete_max_sectors: 262144
kern.geom.disk.da0.led:
kern.geom.disk.cd0.led:
kern.geom.inflight_transient_maps: 0
kern.geom.transient_map_soft_failures: 0
kern.geom.transient_map_hard_failures: 0
kern.geom.transient_map_retries: 10
kern.geom.transient_maps: 687
kern.geom.collectstats: 1
kern.geom.debugflags: 0
kern.geom.confctx: 0 DISK cd0 0 2048 hd 0 sc 0
kern.geom.confdot: digraph geom {
kern.geom.confxml: <mesh>
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: 1
kern.geom.raid.legacy_aliases: 1
kern.geom.raid.idle_threshold: 1000000
kern.geom.raid.name_format: 0
kern.geom.raid.disconnect_on_failure: 1
kern.geom.raid.clean_time: 5
kern.geom.raid.start_timeout: 30
kern.geom.raid.read_err_thresh: 10
kern.geom.raid.debug: 0
kern.geom.raid.aggressive_spare: 0
kern.geom.raid.enable: 1
kern.geom.raid.ddf.enable: 1
kern.geom.raid.intel.enable: 1
kern.geom.raid.jmicron.enable: 1
kern.geom.raid.nvidia.enable: 1
kern.geom.raid.promise.enable: 1
kern.geom.raid.sii.enable: 1
kern.geom.raid.concat.enable: 1
kern.geom.raid.raid0.enable: 1
kern.geom.raid.raid1.enable: 1
kern.geom.raid.raid1.rebuild_meta_update: 1024
kern.geom.raid.raid1.rebuild_cluster_idle: 100
kern.geom.raid.raid1.rebuild_fair_io: 20
kern.geom.raid.raid1.rebuild_slab_size: 1048576
kern.geom.raid.raid1e.enable: 1
kern.geom.raid.raid1e.rebuild_meta_update: 1024
kern.geom.raid.raid1e.rebuild_cluster_idle: 100
kern.geom.raid.raid1e.rebuild_fair_io: 20
kern.geom.raid.raid1e.rebuild_slab_size: 1048576
kern.geom.raid.raid5.enable: 1
kern.elf64.nxstack: 1
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: 5 0 28 7 712442 3 0 4 2 712451 3 0 4 0 712453 4 0 2 0 712454 5 0 4 5 712446 5 0 3 0 712452 1 0 4 0 712455 3 0 6 0 712451 3 0 4 0 712453 2 0 9 0 712449 5 0
7 1 712447 5 0 5 0 712450 3 0 8 0 712449 2 0 10 0 712448 4 0 3 1 712452 5 0 5 0 712450 5 0 13 0 712442 14 0 1 1 712444 6 0 6 0 712448 3 0 6 0 712451
kern.cp_time: 86 0 132 17 14248987
kern.consttty_wakeups_per_second: 5
kern.consmgbuf_size: 8192
kern.consmute: 0
kern.console: ttyv0,/ttyv0,uart,ucom,
kern.openfiles: 52
kern.eventtimer.choice: LAPIC(600) HPET(450) HPET1(440) HPET2(440) HPET3(440) HPET4(440) HPET5(440) HPET6(440) HPET7(440) i8254(100) RTC(0)
kern.eventtimer.et.LAPIC.flags: 7
kern.eventtimer.et.LAPIC.frequency: 50001085
kern.eventtimer.et.LAPIC.quality: 600
kern.eventtimer.et.RTC.flags: 17
kern.eventtimer.et.RTC.frequency: 32768
kern.eventtimer.et.RTC.quality: 0
kern.eventtimer.et.i8254.flags: 1
kern.eventtimer.et.i8254.frequency: 1193182
kern.eventtimer.et.i8254.quality: 100
kern.eventtimer.et.HPET.flags: 3
kern.eventtimer.et.HPET.frequency: 14318180
kern.eventtimer.et.HPET.quality: 450
kern.eventtimer.et.HPET1.flags: 3
kern.eventtimer.et.HPET1.frequency: 14318180
kern.eventtimer.et.HPET1.quality: 440
kern.eventtimer.et.HPET2.flags: 3
kern.eventtimer.et.HPET2.frequency: 14318180
kern.eventtimer.et.HPET2.quality: 440
kern.eventtimer.et.HPET3.flags: 3
kern.eventtimer.et.HPET3.frequency: 14318180
kern.eventtimer.et.HPET3.quality: 440
kern.eventtimer.et.HPET4.flags: 3
kern.eventtimer.et.HPET4.frequency: 14318180
kern.eventtimer.et.HPET4.quality: 440
kern.eventtimer.et.HPET5.flags: 3
kern.eventtimer.et.HPET5.frequency: 14318180
kern.eventtimer.et.HPET5.quality: 440
kern.eventtimer.et.HPET6.flags: 3
kern.eventtimer.et.HPET6.frequency: 14318180
kern.eventtimer.et.HPET6.quality: 440
kern.eventtimer.et.HPET7.flags: 3
kern.eventtimer.et.HPET7.frequency: 14318180
kern.eventtimer.et.HPET7.quality: 440

```

```

kern.eventtimer.periodic: 0
kern.eventtimer.timer: LAPIC
kern.eventtimer.activetick: 1
kern.eventtimer.idletick: 0
kern.eventtimer.singlemul: 2
kern.kq_calloutmax: 4096
kern.disallow_high_osrel: 0
kern.ps_arg_cache_limit: 256
kern.stackprot: 7
kern.randompid: 0
kern.lastpid: 1174
kern.ktrace.request_pool: 100
kern.ktrace.genio_size: 4096
kern.module_path: /boot/kernel;/boot/modules
kern.malloc_count: 325
kern.fallback_elf_brand: -1
kern.pid_max: 99999
kern.features.scbus: 1
kern.features.ata_cam: 1
kern.features.nfscl: 1
kern.features.nfsd: 1
kern.features.geom_label: 1
kern.features.geom_part_bsd: 1
kern.features.geom_part_ebr_compat: 1
kern.features.geom_part_ebr: 1
kern.features.geom_part_gpt: 1
kern.features.geom_part_mbr: 1
kern.features.kposix_priority_scheduling: 1
kern.features.kdtrace_hooks: 1
kern.features.ktrace: 1
kern.features.compat_frebsd7: 1
kern.features.compat_frebsd6: 1
kern.features.compat_frebsd5: 1
kern.features.compat_frebsd4: 1
kern.features.hwpmc_hooks: 1
kern.features.stack: 1
kern.features.sysv_msg: 1
kern.features.sysv_sem: 1
kern.features.sysv_shm: 1
kern.features.posix_shm: 1
kern.features.inet: 1
kern.features.inet6: 1
kern.features.audit: 1
kern.features.security_mac: 1
kern.features.uffs_snapshot: 1
kern.features.softupdates: 1
kern.features.ufs_acl: 1
kern.features.ufs_quota64: 1
kern.features.ufs_quota: 1
kern.features.ufs_gjournal: 1
kern.conftxt: options CONFIG_AUTOGENERATED
kern.supported_archs: amd64 i386
kern.maxusers: 8521
kern.compiler_version: gcc version 4.2.1 20070831 patched [FreeBSD]
kern.ident: GENERIC
kern.hwpmc.softevents: 16
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: 1
kern.sync_on_panic: 0
kern.panic_reboot_wait_time: 15
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.fast_gettime: 1
kern.timecounter.tick: 1
kern.timecounter.choice: TSC-low(1000) ACPI-fast(900) HPET(950) i8254(0) dummy(-1000000)
kern.timecounter.hardware: TSC-low
kern.timecounter.stepwarnings: 0
kern.timecounter.tc.i8254.mask: 65535
kern.timecounter.tc.i8254.counter: 51582
kern.timecounter.tc.i8254.frequency: 1193182
kern.timecounter.tc.i8254.quality: 0
kern.timecounter.tc.HPET.mask: 4294967295
kern.timecounter.tc.HPET.counter: 999883893
kern.timecounter.tc.HPET.frequency: 14318180
kern.timecounter.tc.HPET.quality: 950
kern.timecounter.tc.ACPI-fast.mask: 16777215
kern.timecounter.tc.ACPI-fast.counter: 11498092
kern.timecounter.tc.ACPI-fast.frequency: 3579545
kern.timecounter.tc.ACPI-fast.quality: 900
kern.timecounter.tc.TSC-low.mask: 4294967295
kern.timecounter.tc.TSC-low.counter: 3090438329
kern.timecounter.tc.TSC-low.frequency: 1300028139
kern.timecounter.tc.TSC-low.quality: 1000
kern.timecounter.tsc_shift: 1
kern.timecounter.smp_tsc_adjust: 0
kern.timecounter.smp_tsc: 1
kern.timecounter.invariant_tsc: 1
kern.threads.max_threads_hits: 0
kern.threads.max_threads_per_proc: 1500
kern.ccpu: 0
kern.sched.cpusetsize: 8
kern.sched.preemption: 1
kern.sched.topology_spec: <groups>
kern.sched.steal_thresh: 2
kern.sched.steal_idle: 1
kern.sched.balance_interval: 127
kern.sched.balance: 1
kern.sched.affinity: 1
kern.sched.idlespinthresh: 157

```

```

kern.sched.idlespins: 10000
kern.sched.static_boost: 152
kern.sched.preempt_thresh: 80
kern.sched.interact: 30
kern.sched.slice: 12
kern.sched.quantum: 94488
kern.sched.name: ULE
kern.devstat.version: 6
kern.devstat.generation: 165
kern.devstat.numdevs: 4
kern.kobj_methodcount: 205
kern.log_wakeups_per_second: 5
kern.msgbuf_show_timestamp: 0
kern.vm_guest: none
kern.sgrowsiz: 131072
kern.maxssiz: 536870912
kern.dflssiz: 8388608
kern.maxdsiz: 34359738368
kern.dfldsiz: 134217728
kern.maxtsiz: 134217728
kern.bio_transient_maxcnt: 1024
kern.maxbcache: 0
kern.maxswzone: 0
kern.msgbufsize: 65536
kern.nswbuf: 256
kern.nbuf: 105931
kern.ncallout: 18508
kern.hz: 1000
kern.msgbuf_clear: 0
kern.msgbuf:
kern.always_console_output: 0
kern.log_console_add_linefeed: 0
kern.log_console_output: 1
kern.smp_forward_signal_enabled: 1
kern.smp_topology: 0
kern.smp_cpus: 20
kern.smp_disabled: 0
kern.smp_active: 1
kern.smp_maxcpus: 64
kern.smp_maxid: 19
kern.tty_inq_flush_secure: 1
kern.tty_nout: 8013
kern.tty_nin: 171
kern.minnodes: 560751
kern.metadelat: 28
kern.dirdelay: 29
kern.filedelay: 30
kern.chroot_allow_open_directories: 1
kern.elf32_read_exec: 0
kern.elf32_nxstack: 1
kern.elf32_fallback_brand: -1
kern.random.yarrow.gengateinterval: 10
kern.random.yarrow_bins: 10
kern.random.yarrow_fastthresh: 192
kern.random.yarrow_slowthresh: 256
kern.random.yarrow_slowverthresh: 2
kern.random.sys_seeded: 1
kern.random.sys_harvest_ethernet: 1
kern.random.sys_harvest_point_to_point: 1
kern.random.sys_harvest_interrupt: 1
kern.random.sys_harvest_swi: 0
vm.vmtotal:
System wide totals computed every five seconds: (values in kilobytes)
Processes: (RUNQ: 1 Disk Wait: 0 Page Wait: 0 Sleep: 19)
Virtual Memory: (Total: 1080326308K Active: 390820K)
Real Memory: (Total: 306900K Active: 24500K)
Shared Virtual Memory: (Total: 5400K Active: 5400K)
Shared Real Memory: (Total: 4860K Active: 4860K)
Free Memory: 129501188K
vm.loadavg: { 0.00 0.00 0.00 }
vm.v_free_min: 205034
vm.v_free_target: 862538
vm.v_free_reserved: 42402
vm.v_inactive_target: 1293807
vm.v_cache_min: 862538
vm.v_cache_max: 1725076
vm.v_pageout_free_min: 34
vm.pageout_algorithm: 0
vm.swap_enabled: 1
vm.md_malloc_wait: 0
vm.kmem_map_free: 133064331264
vm.kmem_map_size: 165306368
vm.kmem_size_scale: 1
vm.kmem_size_max: 329853485875
vm.kmem_size_min: 0
vm.kmem_size: 133229637632
vm.nswapdev: 1
vm.dnmax: 32
vm.swap_async_max: 4
vm.overcommit: 0
vm.swap_reserved: 171061248
vm.swap_total: 4294967296
vm.zone_count: 91
vm.swap_idle_threshold2: 10
vm.swap_idle_threshold1: 2
vm.kstacks: 421
vm.kstack_cache_size: 128
vm.exec_map_entries: 16
vm.stats.misc.zero_page_count: 22
vm.stats.misc.cnt_prezero: 0
vm.stats.vm.v_kthreadpages: 0
vm.stats.vm.v_rforkpages: 0
vm.stats.vm.v_vforkpages: 145273
vm.stats.vm.v_forkpages: 442217
vm.stats.vm.v_kthreads: 17
vm.stats.vm.v_rforks: 0
vm.stats.vm.v_vforks: 284
vm.stats.vm.v_forks: 873
vm.stats.vm.v_interrupt_free_min: 2
vm.stats.vm.v_pageout_free_min: 34

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vm.stats.vm.v_cache_max: 1725076
vm.stats.vm.v_cache_min: 862538
vm.stats.vm.v_cache_count: 0
vm.stats.vm.v_inactive_count: 3604
vm.stats.vm.v_inactive_target: 1293807
vm.stats.vm.v_active_count: 3026
vm.stats.vm.v_wire_count: 144756
vm.stats.vm.v_free_count: 32375297
vm.stats.vm.v_free_min: 205034
vm.stats.vm.v_free_target: 862538
vm.stats.vm.v_free_reserved: 42402
vm.stats.vm.v_page_count: 32526767
vm.stats.vm.v_page_size: 4096
vm.stats.vm.v_tfree: 316890
vm.stats.vm.v_pfree: 55829
vm.stats.vm.v_dfree: 0
vm.stats.vm.v_tcached: 0
vm.stats.vm.v_pdpages: 0
vm.stats.vm.v_pdwakeup: 0
vm.stats.vm.v_reactivated: 0
vm.stats.vm.v_intrans: 0
vm.stats.vm.v_vnodepgsout: 0
vm.stats.vm.v_vnodepgsin: 2494
vm.stats.vm.v_vnodeout: 0
vm.stats.vm.v_vnodein: 369
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: 37092
vm.stats.vm.v_cow_optim: 99
vm.stats.vm.v_cow_faults: 35469
vm.stats.vm.v_vm_faults: 111355
vm.stats.sys.v_soft: 348695
vm.stats.sys.v_intr: 33684
vm.stats.sys.v_syscall: 543650
vm.stats.sys.v_trap: 85015
vm.stats.sys.v_swch: 1157427
vm.stats.object.bypasses: 218
vm.stats.object.collapses: 2613
vm.v_free_severe: 123718
vm.old_mlock: 1
vm.old_msync: 0
vm.tryrelock_restart: 0
vm.boot_pages: 64
vm.max_wired: 10797911
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: 862538
vm.max_laundry: 32
vm.phys_segs:
SEGMENT 0:
start: 0x10000
end: 0x9a000
domain: 0
free list: 0xffffffff814f5ea8
SEGMENT 1:
start: 0x100000
end: 0x200000
domain: 0
free list: 0xffffffff814f5ea8
SEGMENT 2:
start: 0x1839000
end: 0x7aab1000
domain: 0
free list: 0xffffffff814f5b00
SEGMENT 3:
start: 0x7bd5d000
end: 0x7bd5e000
domain: 0
free list: 0xffffffff814f5b00
SEGMENT 4:
start: 0x7bde4000
end: 0x7c000000
domain: 0
free list: 0xffffffff814f5b00
SEGMENT 5:
start: 0x100000000
end: 0x1f8bb90000
domain: 0
free list: 0xffffffff814f5b00
vm.phys_free:
FREE LIST 0:
FREE LIST 1:
vm.reserv.reclaimed: 0
vm.reserv.partpopq:
-1: 85816K, 49
vm.reserv.freed: 3226
vm.reserv.broken: 33
vm.idlezero_enable: 0
vm.kvm_free: 410311979008
vm.kvm_size: 549755809792
vm.pmap.pde.demotions: 3
vm.pmap.pde.promotions: 450
vm.pmap.pde.p_failures: 147742
vm.pmap.pde.mappings: 0
vm.pmap.pde.demotions: 349
vm.pmap.pg_ps_enabled: 1
vm.pmap.pat_works: 1
vfs.ufs.dirhash_reclaimage: 5
vfs.ufs.dirhash_lowmemcount: 0
vfs.ufs.dirhash_dochk: 0
vfs.ufs.dirhash_mem: 26601
vfs.ufs.dirhash_maxmem: 27111424
vfs.ufs.dirhash_minsize: 2560

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vfs.ufs.rename_restarts: 0
vfs.nfs.downdelayinitial: 12
vfs.nfs.downdelayinterval: 30
vfs.nfs.keytab_encytype: 1
vfs.nfs.skip_wcc_data_onerr: 1
vfs.nfs.nfs3_jukebox_delay: 10
vfs.nfs.reconnects: 0
vfs.nfs.bufpackets: 4
vfs.nfs.debuglevel: 0
vfs.nfs.callback_addr:
vfs.nfs.realign_count: 0
vfs.nfs.realign_test: 0
vfs.nfs.nfs_directio_allow mmap: 1
vfs.nfs.nfs_keep_dirty_on_error: 0
vfs.nfs.nfs_directio_enable: 0
vfs.nfs.clean_pages_on_close: 1
vfs.nfs.commit_on_close: 0
vfs.nfs.prime_access_cache: 0
vfs.nfs.access_cache_timeout: 60
vfs.nfs.diskless_rootpath:
vfs.nfs.diskless_valid: 0
vfs.nfs.nfs_ip_paranoid: 1
vfs.nfs.defect: 0
vfs.nfs.iodes: 20
vfs.nfs.iodes: 0
vfs.nfs.iodesidle: 120
vfs.devfs.rule_depth: 1
vfs.devfs.generation: 144
vfs.nfsd.disable_checkutf8: 0
vfs.nfsd.server_max_nfsvers: 4
vfs.nfsd.server_min_nfsvers: 2
vfs.nfsd.nfs_privport: 0
vfs.nfsd.async: 0
vfs.nfsd.enable_stringtoid: 0
vfs.nfsd.enable_locallocks: 0
vfs.nfsd.issue_delegations: 0
vfs.nfsd.commit_mtss: 0
vfs.nfsd.commit_blks: 0
vfs.nfsd.mirrormt: 1
vfs.nfsd.cachetcp: 1
vfs.nfsd.tcpcachetimeo: 43200
vfs.nfsd.udphighwater: 500
vfs.nfsd.tcphighwater: 0
vfs.nfsd.minthreads: 1
vfs.nfsd.maxthreads: 1
vfs.nfsd.threads: 0
vfs.nfsd.request_space_used: 0
vfs.nfsd.request_space_used_highest: 0
vfs.nfsd.request_space_high: 47185920
vfs.nfsd.request_space_low: 31457280
vfs.nfsd.request_space_throttled: 0
vfs.nfsd.request_space_throttle_count: 0
vfs.nfsd.fha.enable: 1
vfs.nfsd.fha.bin_shift: 22
vfs.nfsd.fha.max_nfsds_per_fh: 8
vfs.nfsd.fha.max_reqs_per_nfsd: 0
vfs.nfsd.fha.fhe_stats: No file handle entries.
vfs.pfs.trace: 0
vfs.pfs.vncache.misses: 0
vfs.pfs.vncache.hits: 0
vfs.pfs.vncache.maxentries: 0
vfs.pfs.vncache.entries: 0
vfs.acl_nfs4_old_semantics: 0
vfs.flushwithdeps: 0
vfs.unmapped_buf_allowed: 1
vfs.barrierwrites: 0
vfs.notbufdflushes: 0
vfs.flushbufqtarget: 100
vfs.mappingrestarts: 0
vfs.getnewbufrestarts: 0
vfs.getnewbufcalls: 2294
vfs.hifreebuffers: 11780
vfs.lofreebuffers: 5890
vfs.numfreebuffers: 105917
vfs.dirtybufthresh: 23851
vfs.hidirtybuffers: 26502
vfs.lodirtybuffers: 13251
vfs.numdirtybuffers: 14
vfs.recursiveflushes: 0
vfs.altbufferflushes: 0
vfs.bdwriteskip: 0
vfs.dirtybufferflushes: 0
vfs.hirunningspace: 16777216
vfs.lorunningspace: 11206656
vfs.bufdefragcnt: 0
vfs.buffreevacnt: 35
vfs.bufreuscnt: 2239
vfs.hibufspace: 1734918144
vfs.lobufspace: 1734852608
vfs.maxallocbufspace: 86745907
vfs.bufmallocspace: 0
vfs.maxbufspace: 1735573504
vfs.unmapped_bufspace: 8519680
vfs.bufspace: 42139648
vfs.runningbufspace: 0
vfs.vmodirenable: 1
vfs.cache.numfullpathfound: 37
vfs.cache.numfullpathfail4: 0
vfs.cache.numfullpathfail2: 0
vfs.cache.numfullpathfail1: 0
vfs.cache.numfullpathcalls: 37
vfs.cache.numupgrades: 7
vfs.cache.numneghits: 1904
vfs.cache.numnegzaps: 7
vfs.cache.numposhits: 26742
vfs.cache.numposzaps: 173
vfs.cache.nummisszap: 18
vfs.cache.nummiss: 1380
vfs.cache.numchecks: 28836
vfs.cache.dotdothits: 29

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vfs.cache.dothits: 212
vfs.cache.numcalls: 30469
vfs.cache.numcache: 444
vfs.cache.numneg: 27
vfs.ncsizefactor: 2
vfs.ncnegfactor: 16
vfs.read_min: 1
vfs.read_max: 64
vfs.write_behind: 1
vfs.typhenumhash: 1
vfs.lookup_shared: 1
vfs.usermount: 0
vfs.worklist_len: 3
vfs.timestamp_precision: 0
vfs.reassignbufcalls: 817
vfs.vlru_allow_cache_src: 0
vfs.freevnodes: 36
vfs.wantfreevnodes: 560751
vfs.numvnodes: 472
vfs.fts.doreallocblks: 1
vfs.fts.doasyncfree: 1
vfs.fts.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.segpacket.recvspace: 8192
net.local.segpacket.maxsegpacket: 8192
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.hi last: 65535
net.inet.ip.portrange.hi first: 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.rtm_expire: 10
net.inet.ip.rtm_maxcache: 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.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: 254115
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: 0
net.inet.icmp.log_redirect: 0
net.inet.icmp.maskfake: 0
net.inet.icmp.icmplim_output: 1
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: 536
net.inet.tcp.keeptidle: 720000
net.inet.tcp.keeptintvl: 75000
net.inet.tcp.sendspace: 32768
net.inet.tcp.recvspace: 65536
net.inet.tcp.keeptinit: 75000
net.inet.tcp.delacktime: 100
net.inet.tcp.v6mssdflt: 1220
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: 0
net.inet.tcp.hostcache.bucketlimit: 30
net.inet.tcp.hostcache.hashsize: 512
net.inet.tcp.hostcache.cachelimit: 15360
net.inet.tcp.recvbuf_max: 2097152
net.inet.tcp.recvbuf_inc: 16384
net.inet.tcp.recvbuf_auto: 1
net.inet.tcp.insecure_rst: 0

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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.experimental.initcwnd10: 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: 2097152
net.inet.tcp.sendbuf_inc: 8192
net.inet.tcp.sendbuf_auto: 1
net.inet.tcp.tso: 1
net.inet.tcp.path_mtu_discovery: 1
net.inet.tcp.reass.overflow: 0
net.inet.tcp.reass.cusegments: 0
net.inet.tcp.reass.maxsegments: 508284
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.soreceive_stream: 0
net.inet.tcp.isn_reseed_interval: 0
net.inet.tcp.icmp_max_rst: 1
net.inet.tcp.pcbcount: 3
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.rexmitlimit: 3
net.inet.tcp.syncache.hashsize: 512
net.inet.tcp.syncache.count: 0
net.inet.tcp.syncache.cachelimit: 15375
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.per_cpu_timers: 0
net.inet.tcp.rexmit_drop_options: 1
net.inet.tcp.keepcnt: 8
net.inet.tcp.finwait2_timeout: 60000
net.inet.tcp.fast_finwait2_recycle: 0
net.inet.tcp.always_keepalive: 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.maxcptw: 27767
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.diag_info_code: 0
net.inet.sctp.blackhole: 0
net.inet.sctp.use_dcceecn: 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.auth_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.incoming_streams: 2048
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
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

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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: 1016461
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: 1864135
net.inet.sctp.sendspace: 1864135
net.inet.raw.recvspace: 9216
net.inet.raw.maxdgram: 9216
net.inet.accf.unloadable: 0
net.link.generic.system.ifcount: 8
net.link.ether.inet.allow_multicast: 0
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: 2032923
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.rtmocache: 128
net.inet6.ip6.use_tempaddr: 0
net.inet6.ip6.templtime: 86400
net.inet6.ip6.templvtime: 604800
net.inet6.ip6.auto_linklocal: 1
net.inet6.ip6.prefer_tempaddr: 0
net.inet6.ip6.use_defaultzone: 0
net.inet6.ip6.maxfrags: 2032923
net.inet6.ip6.mcast_pmtu: 0
net.inet6.ip6.no_radr: 0
net.inet6.ip6.norbit_raif: 0
net.inet6.ip6.rfc6204w3: 0
net.inet6.ip6.mcast.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.errrpslimit: 100
net.inet6.icmp6.nd6_maxnudhint: 0
net.inet6.icmp6.nd6_debug: 0
net.inet6.icmp6.nd6_maxqueuelen: 1
net.inet6.icmp6.nodeinfo_oldmcprefix: 1
net.inet6.icmp6.nd6_onlink_ns_rfc4861: 0
net.inet6.mld.use_allow: 1
net.inet6.mld.vienable: 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: 0
net.isr.direct_force: 0
net.isr.dispatch: direct
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
```

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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.max_threads: 3
debug.acpi.max_tasks: 256
debug.acpi.suspend_bounce: 0
debug.acpi.reset_clock: 1
debug.acpi.interpreter_slack: 1
debug.acpi.enable_debug_objects: 0
debug.acpi.acpi_ca_version: 20110527
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_beeper: 0
debug.ipw: 0
debug.iwi: 0
debug.mdebug: 0
debug.wpi: 0
debug.elf64_legacy_core_dump: 0
debug.bootverbose: 0
debug.boothowto: 0
debug.cpubus.verbose: 0
debug.cpubus.lowest: 0
debug.fail_point.sysctl_running: off
debug.fail_point.buf_pressure: off
debug.fail_point.nlm_deny_grant: 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: 160
debug.sizeof.g_class: 160
debug.sizeof.kinfo_proc: 1088
debug.sizeof.buf: 616
debug.sizeof.bio: 248
debug.sizeof.proc: 1192
debug.sizeof.vnode: 504
debug.sizeof.devstat: 288
debug.sizeof.namecache: 72
debug.osd: 0
debug.trace_on_panic: 1
debug.debugger_on_panic: 1
debug.ncores: 5
debug.to_avg_mpcalls: 460
debug.to_avg_lockcalls: 0
debug.to_avg_gcalls: 478
debug.to_avg_depth: 1008
debug.umtx.umtx_pi_allocated: 0
debug.clocktime: 0
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: 0
debug.rman_debug: 0
debug.devfs_iosize_max_clamp: 1
debug.iosize_max_clamp: 1
debug.disablefullpath: 0
debug.disablelwd: 0
debug.vfscache: 1
debug.numcachehv: 38
debug.numcache: 444
debug.numneg: 27
debug.nchash: 4194303
debug.vnlru_nowhere: 0
debug.rush_requests: 0
debug.vn_io_faults: 0
debug.vn_io_fault_enable: 0
debug.if_tun_debug: 0
debug.nlm_debug: 0
debug.fsckcmds: 0
debug.collectsnapstats: 0
debug.snapdebug: 0
debug.dopersistence: 0
debug.softdep.flushcache: 0
debug.softdep.cleanup_failures: 0
debug.softdep.cleanup_retries: 0
debug.softdep.cleanup_high_delay: 0
debug.softdep.cleanup_inorequests: 0
debug.softdep.cleanup_blkrequests: 0
debug.softdep.jwait_newblk: 1
debug.softdep.jwait_inode: 0
debug.softdep.jwait_freeblks: 0
debug.softdep.jwait_filepage: 0
debug.softdep.journal_wait: 1
debug.softdep.journal_min: 0
debug.softdep.journal_low: 0
debug.softdep.jnewblk_rollback: 0
debug.softdep.jaddref_rollback: 0
debug.softdep.dir_entry: 2
debug.softdep.direct_blk_ptrs: 4
debug.softdep.inode_bitmap: 11
debug.softdep.indir_blk_ptrs: 0
debug.softdep.sync_limit_hit: 0
debug.softdep.ino_limit_hit: 0
```

debug.softdep.blk_limit_hit: 0
debug.softdep.ino_limit_push: 0
debug.softdep.blk_limit_push: 0
debug.softdep.worklist_push: 0
debug.softdep.maxindirdeps: 50
debug.softdep.tickdelay: 2
debug.softdep.max_softdeps: 8972024
debug.softdep.write.jfsync: 0
debug.softdep.write.jtrunc: 0
debug.softdep.write.sbdep: 42
debug.softdep.write.jsegdep: 13
debug.softdep.write.jseg: 26
debug.softdep.write.jfreefrag: 0
debug.softdep.write.jfreeblk: 0
debug.softdep.write.jnewblk: 0
debug.softdep.write.jmvref: 0
debug.softdep.write.jremref: 0
debug.softdep.write.jaddrf: 0
debug.softdep.write.freedep: 0
debug.softdep.write.freework: 0
debug.softdep.write.newdirblk: 0
debug.softdep.write.dirrem: 0
debug.softdep.write.mkdir: 0
debug.softdep.write.diradd: 0
debug.softdep.write.freefile: 0
debug.softdep.write.freeblks: 20
debug.softdep.write.freefrag: 0
debug.softdep.write.allocindir: 0
debug.softdep.write.indirdep: 0
debug.softdep.write.allocdirect: 27
debug.softdep.write.newblk: 0
debug.softdep.write.bmsafemap: 25
debug.softdep.write.inodep: 276
debug.softdep.write.pagedep: 22
debug.softdep.current.jfsync: 0
debug.softdep.current.jtrunc: 0
debug.softdep.current.sbdep: 0
debug.softdep.current.jsegdep: 6
debug.softdep.current.jseg: 1
debug.softdep.current.jfreefrag: 0
debug.softdep.current.jfreeblk: 0
debug.softdep.current.jnewblk: 3
debug.softdep.current.jmvref: 0
debug.softdep.current.jremref: 0
debug.softdep.current.jaddrf: 0
debug.softdep.current.freedep: 0
debug.softdep.current.freework: 0
debug.softdep.current.newdirblk: 0
debug.softdep.current.dirrem: 0
debug.softdep.current.mkdir: 0
debug.softdep.current.diradd: 1
debug.softdep.current.freefile: 0
debug.softdep.current.freeblks: 0
debug.softdep.current.freefrag: 1
debug.softdep.current.allocindir: 0
debug.softdep.current.indirdep: 0
debug.softdep.current.allocdirect: 2
debug.softdep.current.newblk: 0
debug.softdep.current.bmsafemap: 1
debug.softdep.current.inodep: 1
debug.softdep.current.pagedep: 1
debug.softdep.highuse.jfsync: 0
debug.softdep.highuse.jtrunc: 0
debug.softdep.highuse.sbdep: 1
debug.softdep.highuse.jsegdep: 67
debug.softdep.highuse.jseg: 7
debug.softdep.highuse.jfreefrag: 1
debug.softdep.highuse.jfreeblk: 0
debug.softdep.highuse.jnewblk: 11
debug.softdep.highuse.jmvref: 0
debug.softdep.highuse.jremref: 13
debug.softdep.highuse.jaddrf: 19
debug.softdep.highuse.freedep: 0
debug.softdep.highuse.freework: 11
debug.softdep.highuse.newdirblk: 4
debug.softdep.highuse.dirrem: 21
debug.softdep.highuse.mkdir: 8
debug.softdep.highuse.diradd: 27
debug.softdep.highuse.freefile: 9
debug.softdep.highuse.freeblks: 11
debug.softdep.highuse.freefrag: 1
debug.softdep.highuse.allocindir: 0
debug.softdep.highuse.indirdep: 0
debug.softdep.highuse.allocdirect: 16
debug.softdep.highuse.newblk: 1
debug.softdep.highuse.bmsafemap: 4
debug.softdep.highuse.inodep: 46
debug.softdep.highuse.pagedep: 10
debug.softdep.total.jfsync: 0
debug.softdep.total.jtrunc: 0
debug.softdep.total.sbdep: 42
debug.softdep.total.jsegdep: 292
debug.softdep.total.jseg: 26
debug.softdep.total.jfreefrag: 3
debug.softdep.total.jfreeblk: 0
debug.softdep.total.jnewblk: 50
debug.softdep.total.jmvref: 0
debug.softdep.total.jremref: 116
debug.softdep.total.jaddrf: 124
debug.softdep.total.freedep: 0
debug.softdep.total.freework: 23
debug.softdep.total.newdirblk: 6
debug.softdep.total.dirrem: 104
debug.softdep.total.mkdir: 12
debug.softdep.total.diradd: 112
debug.softdep.total.freefile: 29
debug.softdep.total.freeblks: 23
debug.softdep.total.freefrag: 3
debug.softdep.total.allocindir: 0
debug.softdep.total.indirdep: 0

```
debug.softdep.total.allocdirect: 50
debug.softdep.total.newblk: 50
debug.softdep.total.bmsafemap: 50
debug.softdep.total.inodedep: 151
debug.softdep.total.pagedep: 23
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.vesa.shadow_rom: 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_coredump: 0
debug.x86bios.int: 0
debug.x86bios.call: 0
debug.hwpstate_verbose: 0
debug.minidump: 1
hw.machine: amd64
hw.model: Intel(R) Xeon(R) CPU E5-2660 v3 @ 2.60GHz
hw.ncpu: 20
hw.byteorder: 1234
hw.physmem: 137327931392
hw.usermem: 136734986240
hw.pagesize: 4096
hw.floatingpoint: 1
hw.machine_arch: amd64
hw.realmem: 139586437120
hw.aac.enable_msi: 1
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.ata_dma_check_80pin: 1
hw.ath.bstuck: 4
hw.ath.txbuf: 200
hw.ath.rxbuf: 40
hw.ath.anical: 100
hw.ath.resetcal: 1200
hw.ath.shortcal: 100
hw.ath.longcal: 30
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: 1
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.ix.rxd: 2048
hw.ix.txd: 2048
hw.ix.num_queues: 0
hw.ix.enable_msix: 1
hw.ix.tx_process_limit: 256
hw.ix.rx_process_limit: 256
hw.ix.max_interrupt_rate: 31250
hw.ix.enable_aim: 1
hw.malo.txbuf: 256
hw.malo.rxquota: 256
hw.malo.rxbuf: 256
hw.malo.txcoalesce: 8
hw.malo.pci.msi_disable: 0
hw.mwl.rxdmalo: 3
hw.mwl.rxquota: 640
hw.mwl.txcoalesce: 8
hw.mwl.txbuf: 256
hw.mwl.rxbuf: 640
hw.mwl.rxdesc: 256
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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.clearBars: 0
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_suspend: 1
hw.pci.do_power_resume: 1
hw.pci.do_power_nodriver: 0
hw.pci.realloc_bars: 0
hw.pci.enable_io_modes: 1
hw.pci.clear_pci: 0
hw.pci.default_vgapci_unit: 0
hw.pci.mcfg: 1
hw.pci.host_mem_start: 2147483648
hw.snd.vpc_reset: 0
hw.snd.vpc_0db: 45
hw.snd.vpc_autoreset: 1
hw.snd.latency_profile: 1
hw.snd.latency: 5
hw.snd.report_soft_matrix: 1
hw.snd.report_soft_formats: 1
hw.snd.compat_linux_mmap: 0
hw.snd.feeder_eq_exact_rate: 0
hw.snd.feeder_eq_presets: PEQ:16000,0.2500,62,0.2500:-9,9,1.0:44100,48000,88200,96000,176400,192000
hw.snd.feeder_rate_quality: 1
hw.snd.feeder_rate_round: 25
hw.snd.feeder_rate_max: 2016000
hw.snd.feeder_rate_min: 1
hw.snd.feeder_rate_polyphase_max: 183040
hw.snd.feeder_rate_presets: 100:8:0.85 100:36:0.92 100:164:0.97
hw.snd.vpc_mixer_bypass: 1
hw.snd.verbose: 0
hw.snd.maxautovchans: 16
hw.snd.default_unit: -1
hw.snd.version: 2009061500/amd64
hw.snd.default_auto: -1
hw.midi.instrhoff: 0
hw.midi.dumpraw: 0
hw.midi.debug: 0
hw.midi.stat.verbose: 0
hw.midi.seq.debug: 0
hw.syscons.sc_no_suspend_vtswitch: 0
hw.syscons.kbd_debug: 1
hw.syscons.kbd_reboot: 1
hw.syscons.bell: 1
hw.syscons.saver_keyonly: 1
hw.broken_txfifo: 0
hw.usb.uaudio.default_channels: 0
hw.usb.uaudio.default_bits: 32
hw.usb.uaudio.default_rate: 0
hw.usb.uaudio.debug: 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.xhci.xhci_port_route: 0
hw.usb.xhci.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.throttle: 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.full_ddesc: 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.run.debug: 0
hw.usb.uath.regdomain: 0
hw.usb.uath.countrycode: 0
hw.usb.ural.debug: 0

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hw.usb.urtw.preamble_mode: 2
hw.usb.zyd.debug: 0
hw.usb.u3g.debug: 0
hw.usb.ubs.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.txrate: 0
hw.xe.debug: 0
hw.intr_storm_threshold: 1000
hw.pagesizes: 4096 2097152 0
hw.availpages: 33527327
hw.bus.devctl_queue: 1000
hw.bus.devctl_disable: 0
hw.clockrate: 2600
hw.via_feature_xcrypt: 0
hw.via_feature_rng: 0
hw.instruction_sse: 1
hw.psm.tap_timeout: 125000
hw.psm.tap_threshold: 25
hw.psm.tap_enabled: -1
hw.bxe.udp_rss: 0
hw.bxe.autogreen: 0
hw.bxe.mrrs: -1
hw.bxe.max_aggregation_size: 32768
hw.bxe.rx_budget: -1
hw.bxe.hc_tx_ticks: 50
hw.bxe.hc_rx_ticks: 25
hw.bxe.max_rx_bufs: 4080
hw.bxe.queue_count: 4
hw.bxe.interrupt_mode: 2
hw.bxe.debug: 0
hw.kbd.keymap_restrict_change: 0
hw.busdma.total_bpages: 8247
hw.busdma.zone0.total_bpages: 8247
hw.busdma.zone0.free_bpages: 8246
hw.busdma.zone0.reserved_bpages: 0
hw.busdma.zone0.active_bpages: 1
hw.busdma.zone0.total_bounced: 3691
hw.busdma.zone0.total_deferred: 0
hw.busdma.zone0.lowaddr: 0xffffffff
hw.busdma.zone0.alignment: 4096
hw.apic.enable_extint: 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: 1
machdep.adjkerntz: -32400
machdep.disable_rtc_set: 0
machdep.disable_mrrs: 0
machdep.idle: acpi
machdep.idle_available: spin, mwait, hlt, acpi
machdep.idle_mwait: 1
machdep.max_ldt_segment: 1024
machdep.uprintf_signal: 0
machdep.prot_fault_translation: 0
machdep.panic_on_nmi: 1
machdep.kdb_on_nmi: 1
machdep.acpi_root: 984368
machdep.i8254_freq: 1193182
machdep.tsc_freq: 2600056279
machdep.disable_tsc_calibration: 0
machdep.disable_tsc: 0
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

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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: 0
p1003_1b.fsync: 200112
p1003_1b.shared_memory_objects: 200112
p1003_1b.synchronized_io: 0
p1003_1b.timers: 200112
p1003_1b.aio_listio_max: -1
p1003_1b.aio_max: -1
p1003_1b.aio_prio_delta_max: -1
p1003_1b.delaytimer_max: 2147483647
p1003_1b.mq_open_max: 0
p1003_1b.pagesize: 4096
p1003_1b.rtsig_max: 62
p1003_1b.sem_nsems_max: 0
p1003_1b.sem_value_max: 0
p1003_1b.sigqueue_max: 128
p1003_1b.timer_max: 32
security.jail.param.allow.mount.zfs: 0
security.jail.param.allow.mount.procfs: 0
security.jail.param.allow.mount.nullfs: 0
security.jail.param.allow.mount.devfs: 0
security.jail.param.allow.mount.: 0
security.jail.param.allow.socket_af: 0
security.jail.param.allow.quotas: 0
security.jail.param.allow.chflags: 0
security.jail.param.allow.raw_sockets: 0
security.jail.param.allow.sysvipc: 0
security.jail.param.allow.set_hostname: 0
security.jail.param.ip6.saddrsel: 0
security.jail.param.ip6.: 0
security.jail.param.ip4.saddrsel: 0
security.jail.param.ip4.: 0
security.jail.param.cpuset.id: 0
security.jail.param.host.hostid: 0
security.jail.param.host.hostuid: 64
security.jail.param.host.domainname: 256
security.jail.param.host.hostname: 256
security.jail.param.host.: 0
security.jail.param.children.max: 0
security.jail.param.children.cur: 0
security.jail.param.dying: 0
security.jail.param.persist: 0
security.jail.param.devfs_ruleset: 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.devfs_ruleset: 0
security.jail.enforce_statfs: 2
security.jail.mount_zfs_allowed: 0
security.jail.mount_procfs_allowed: 0
security.jail.mount_nullfs_allowed: 0
security.jail.mount_devfs_allowed: 0
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.vnet: 0
security.jail.jailed: 0
security.bsd.map_at_zero: 0
security.bsd.unprivileged_mlock: 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 0680
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

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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.SIO1
dev.acpi_sysresource.1.%npninfo: _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.%npninfo: _HID=PNP0C01 _UID=241
dev.acpi_sysresource.2.%parent: acpi0
dev.cpu.0.%desc: ACPI CPU
dev.cpu.0.%driver: cpu
dev.cpu.0.%location: handle=\_SB_.SCK0.CP00
dev.cpu.0.%npninfo: _HID=none _UID=0
dev.cpu.0.%parent: acpi0
dev.cpu.0.%freq: 2600
dev.cpu.0.%freq_levels: 2600/-1 2275/-1 1950/-1 1625/-1 1300/-1 975/-1 650/-1 325/-1
dev.cpu.0.%cx_supported: C1/1/1
dev.cpu.0.%cx_lowest: C1
dev.cpu.0.%cx_usage: 100.00% last 3073us
dev.cpu.1.%desc: ACPI CPU
dev.cpu.1.%driver: cpu
dev.cpu.1.%location: handle=\_SB_.SCK0.CP01
dev.cpu.1.%npninfo: _HID=none _UID=0
dev.cpu.1.%parent: acpi0
dev.cpu.1.%cx_supported: C1/1/1
dev.cpu.1.%cx_lowest: C1
dev.cpu.1.%cx_usage: 100.00% last 4090us
dev.cpu.2.%desc: ACPI CPU
dev.cpu.2.%driver: cpu
dev.cpu.2.%location: handle=\_SB_.SCK0.CP02
dev.cpu.2.%npninfo: _HID=none _UID=0
dev.cpu.2.%parent: acpi0
dev.cpu.2.%cx_supported: C1/1/1
dev.cpu.2.%cx_lowest: C1
dev.cpu.2.%cx_usage: 100.00% last 4081us
dev.cpu.3.%desc: ACPI CPU
dev.cpu.3.%driver: cpu
dev.cpu.3.%location: handle=\_SB_.SCK0.CP03
dev.cpu.3.%npninfo: _HID=none _UID=0
dev.cpu.3.%parent: acpi0
dev.cpu.3.%cx_supported: C1/1/1
dev.cpu.3.%cx_lowest: C1
dev.cpu.3.%cx_usage: 100.00% last 3550us
dev.cpu.4.%desc: ACPI CPU
dev.cpu.4.%driver: cpu
dev.cpu.4.%location: handle=\_SB_.SCK0.CP04
dev.cpu.4.%npninfo: _HID=none _UID=0
dev.cpu.4.%parent: acpi0
dev.cpu.4.%cx_supported: C1/1/1
dev.cpu.4.%cx_lowest: C1
dev.cpu.4.%cx_usage: 100.00% last 4080us
dev.cpu.5.%desc: ACPI CPU
dev.cpu.5.%driver: cpu
dev.cpu.5.%location: handle=\_SB_.SCK0.CP05
dev.cpu.5.%npninfo: _HID=none _UID=0
dev.cpu.5.%parent: acpi0
dev.cpu.5.%cx_supported: C1/1/1
dev.cpu.5.%cx_lowest: C1
dev.cpu.5.%cx_usage: 100.00% last 4086us
dev.cpu.6.%desc: ACPI CPU
dev.cpu.6.%driver: cpu
dev.cpu.6.%location: handle=\_SB_.SCK0.CP06
dev.cpu.6.%npninfo: _HID=none _UID=0
dev.cpu.6.%parent: acpi0
dev.cpu.6.%cx_supported: C1/1/1
dev.cpu.6.%cx_lowest: C1
dev.cpu.6.%cx_usage: 100.00% last 3139us
dev.cpu.7.%desc: ACPI CPU
dev.cpu.7.%driver: cpu
dev.cpu.7.%location: handle=\_SB_.SCK0.CP07
dev.cpu.7.%npninfo: _HID=none _UID=0
dev.cpu.7.%parent: acpi0
dev.cpu.7.%cx_supported: C1/1/1
dev.cpu.7.%cx_lowest: C1
dev.cpu.7.%cx_usage: 100.00% last 4061us
dev.cpu.8.%desc: ACPI CPU
dev.cpu.8.%driver: cpu
dev.cpu.8.%location: handle=\_SB_.SCK0.CP08
dev.cpu.8.%npninfo: _HID=none _UID=0
dev.cpu.8.%parent: acpi0
dev.cpu.8.%cx_supported: C1/1/1
dev.cpu.8.%cx_lowest: C1
dev.cpu.8.%cx_usage: 100.00% last 3968us
dev.cpu.9.%desc: ACPI CPU
dev.cpu.9.%driver: cpu
dev.cpu.9.%location: handle=\_SB_.SCK0.CP09
dev.cpu.9.%npninfo: _HID=none _UID=0
dev.cpu.9.%parent: acpi0
dev.cpu.9.%cx_supported: C1/1/1
dev.cpu.9.%cx_lowest: C1
dev.cpu.9.%cx_usage: 100.00% last 3550us
dev.cpu.10.%desc: ACPI CPU
dev.cpu.10.%driver: cpu
dev.cpu.10.%location: handle=\_SB_.SCK1.CP00
dev.cpu.10.%npninfo: _HID=none _UID=0
dev.cpu.10.%parent: acpi0
dev.cpu.10.%cx_supported: C1/1/1
dev.cpu.10.%cx_lowest: C1
dev.cpu.10.%cx_usage: 100.00% last 4085us
dev.cpu.11.%desc: ACPI CPU
dev.cpu.11.%driver: cpu
dev.cpu.11.%location: handle=\_SB_.SCK1.CP01
dev.cpu.11.%npninfo: _HID=none _UID=0
dev.cpu.11.%parent: acpi0
dev.cpu.11.%cx_supported: C1/1/1
dev.cpu.11.%cx_lowest: C1
dev.cpu.11.%cx_usage: 100.00% last 57us
dev.cpu.12.%desc: ACPI CPU

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dev.cpu.12.%driver: cpu
dev.cpu.12.%location: handle=\_SB_.SCK1.CP02
dev.cpu.12.%pnpinfo: _HID=none _UID=0
dev.cpu.12.%parent: acpi0
dev.cpu.12.cx_supported: C1/1/1
dev.cpu.12.cx_lowest: C1
dev.cpu.12.cx_usage: 100.00% last 4077us
dev.cpu.13.%desc: ACPI CPU
dev.cpu.13.%driver: cpu
dev.cpu.13.%location: handle=\_SB_.SCK1.CP03
dev.cpu.13.%pnpinfo: _HID=none _UID=0
dev.cpu.13.%parent: acpi0
dev.cpu.13.cx_supported: C1/1/1
dev.cpu.13.cx_lowest: C1
dev.cpu.13.cx_usage: 100.00% last 4075us
dev.cpu.14.%desc: ACPI CPU
dev.cpu.14.%driver: cpu
dev.cpu.14.%location: handle=\_SB_.SCK1.CP04
dev.cpu.14.%pnpinfo: _HID=none _UID=0
dev.cpu.14.%parent: acpi0
dev.cpu.14.cx_supported: C1/1/1
dev.cpu.14.cx_lowest: C1
dev.cpu.14.cx_usage: 100.00% last 4085us
dev.cpu.15.%desc: ACPI CPU
dev.cpu.15.%driver: cpu
dev.cpu.15.%location: handle=\_SB_.SCK1.CP05
dev.cpu.15.%pnpinfo: _HID=none _UID=0
dev.cpu.15.%parent: acpi0
dev.cpu.15.cx_supported: C1/1/1
dev.cpu.15.cx_lowest: C1
dev.cpu.15.cx_usage: 100.00% last 3552us
dev.cpu.16.%desc: ACPI CPU
dev.cpu.16.%driver: cpu
dev.cpu.16.%location: handle=\_SB_.SCK1.CP06
dev.cpu.16.%pnpinfo: _HID=none _UID=0
dev.cpu.16.%parent: acpi0
dev.cpu.16.cx_supported: C1/1/1
dev.cpu.16.cx_lowest: C1
dev.cpu.16.cx_usage: 100.00% last 4101us
dev.cpu.17.%desc: ACPI CPU
dev.cpu.17.%driver: cpu
dev.cpu.17.%location: handle=\_SB_.SCK1.CP07
dev.cpu.17.%pnpinfo: _HID=none _UID=0
dev.cpu.17.%parent: acpi0
dev.cpu.17.cx_supported: C1/1/1
dev.cpu.17.cx_lowest: C1
dev.cpu.17.cx_usage: 100.00% last 4079us
dev.cpu.18.%desc: ACPI CPU
dev.cpu.18.%driver: cpu
dev.cpu.18.%location: handle=\_SB_.SCK1.CP08
dev.cpu.18.%pnpinfo: _HID=none _UID=0
dev.cpu.18.%parent: acpi0
dev.cpu.18.cx_supported: C1/1/1
dev.cpu.18.cx_lowest: C1
dev.cpu.18.cx_usage: 100.00% last 3546us
dev.cpu.19.%desc: ACPI CPU
dev.cpu.19.%driver: cpu
dev.cpu.19.%location: handle=\_SB_.SCK1.CP09
dev.cpu.19.%pnpinfo: _HID=none _UID=0
dev.cpu.19.%parent: acpi0
dev.cpu.19.cx_supported: C1/1/1
dev.cpu.19.cx_lowest: C1
dev.cpu.19.cx_usage: 100.00% last 3534us
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=PNP0800 _UID=0
dev.atrtc.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.hpet.0.%desc: High Precision Event Timer
dev.hpet.0.%driver: hpet
dev.hpet.0.%location: handle=\_SB_.PCI0.LPC0.HPET
dev.hpet.0.%pnpinfo: _HID=PNP0103 _UID=0
dev.hpet.0.%parent: acpi0
dev.acpi_timer.0.%desc: 24-bit timer at 3.579545MHz
dev.acpi_timer.0.%driver: acpi_timer
dev.acpi_timer.0.%location: unknown
dev.acpi_timer.0.%pnpinfo: unknown
dev.acpi_timer.0.%parent: acpi0
dev.pci_link.0.%desc: ACPI PCI Link LNKA
dev.pci_link.0.%driver: pci_link
dev.pci_link.0.%location: handle=\_SB_.LNKA
dev.pci_link.0.%pnpinfo: _HID=PNP0C0F _UID=1
dev.pci_link.0.%parent: acpi0
dev.pci_link.1.%desc: ACPI PCI Link LNKB
dev.pci_link.1.%driver: pci_link
dev.pci_link.1.%location: handle=\_SB_.LNKB
dev.pci_link.1.%pnpinfo: _HID=PNP0C0F _UID=2
dev.pci_link.1.%parent: acpi0
dev.pci_link.2.%desc: ACPI PCI Link LNKC
dev.pci_link.2.%driver: pci_link
dev.pci_link.2.%location: handle=\_SB_.LNKC
dev.pci_link.2.%pnpinfo: _HID=PNP0C0F _UID=3
dev.pci_link.2.%parent: acpi0
dev.pci_link.3.%desc: ACPI PCI Link LNKD
dev.pci_link.3.%driver: pci_link
dev.pci_link.3.%location: handle=\_SB_.LNKD
dev.pci_link.3.%pnpinfo: _HID=PNP0C0F _UID=4
dev.pci_link.3.%parent: acpi0
dev.pci_link.4.%desc: ACPI PCI Link LNKE
dev.pci_link.4.%driver: pci_link
dev.pci_link.4.%location: handle=\_SB_.LNKE
dev.pci_link.4.%pnpinfo: _HID=PNP0C0F _UID=5
dev.pci_link.4.%parent: acpi0
dev.pci_link.5.%desc: ACPI PCI Link LNKF
dev.pci_link.5.%driver: pci_link

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dev.pci_link.5.%location: handle=\_SB_.LNKF
dev.pci_link.5.%pnpinfo: _HID=PNP0C0F _UID=6
dev.pci_link.5.%parent: acpi0
dev.pci_link.6.%desc: ACPI PCI Link LNKG
dev.pci_link.6.%driver: pci_link
dev.pci_link.6.%location: handle=\_SB_.LNKG
dev.pci_link.6.%pnpinfo: _HID=PNP0C0F _UID=7
dev.pci_link.6.%parent: acpi0
dev.pci_link.7.%desc: ACPI PCI Link LNKH
dev.pci_link.7.%driver: pci_link
dev.pci_link.7.%location: handle=\_SB_.LNKH
dev.pci_link.7.%pnpinfo: _HID=PNP0C0F _UID=8
dev.pci_link.7.%parent: acpi0
dev.pci.0.%desc: ACPI Host-PCI bridge
dev.pci.0.%driver: pcib
dev.pci.0.%location: handle=\_SB_.UNC1
dev.pci.0.%pnpinfo: _HID=PNP0A03 _UID=127
dev.pci.0.%parent: acpi0
dev.pci.1.%desc: ACPI Host-PCI bridge
dev.pci.1.%driver: pcib
dev.pci.1.%location: handle=\_SB_.UNC0
dev.pci.1.%pnpinfo: _HID=PNP0A03 _UID=63
dev.pci.1.%parent: acpi0
dev.pci.2.%desc: ACPI Host-PCI bridge
dev.pci.2.%driver: pcib
dev.pci.2.%location: handle=\_SB_.PCI0
dev.pci.2.%pnpinfo: _HID=PNP0A08 _UID=0
dev.pci.2.%parent: acpi0
dev.pci.3.%desc: ACPI PCI-PCI bridge
dev.pci.3.%driver: pcib
dev.pci.3.%location: slot=1 function=0 handle=\_SB_.PCI0.BR1A
dev.pci.3.%pnpinfo: vendor=0x8086 device=0x2f02 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.3.%parent: pci0
dev.pci.3.%domain: 0
dev.pci.3.%pibus: 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: pcib
dev.pci.4.%location: slot=2 function=0 handle=\_SB_.PCI0.BR2A
dev.pci.4.%pnpinfo: vendor=0x8086 device=0x2f04 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.4.%parent: pci0
dev.pci.4.%domain: 0
dev.pci.4.%pibus: 0
dev.pci.4.%secbus: 5
dev.pci.4.%subbus: 5
dev.pci.4.%wake: 0
dev.pci.5.%desc: ACPI PCI-PCI bridge
dev.pci.5.%driver: pcib
dev.pci.5.%location: slot=2 function=2 handle=\_SB_.PCI0.BR2C
dev.pci.5.%pnpinfo: vendor=0x8086 device=0x2f06 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.5.%parent: pci0
dev.pci.5.%domain: 0
dev.pci.5.%pibus: 0
dev.pci.5.%secbus: 12
dev.pci.5.%subbus: 12
dev.pci.5.%wake: 0
dev.pci.6.%desc: ACPI PCI-PCI bridge
dev.pci.6.%driver: pcib
dev.pci.6.%location: slot=3 function=0 handle=\_SB_.PCI0.BR3A
dev.pci.6.%pnpinfo: vendor=0x8086 device=0x2f08 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.6.%parent: pci0
dev.pci.6.%domain: 0
dev.pci.6.%pibus: 0
dev.pci.6.%secbus: 64
dev.pci.6.%subbus: 64
dev.pci.6.%wake: 0
dev.pci.7.%desc: ACPI PCI-PCI bridge
dev.pci.7.%driver: pcib
dev.pci.7.%location: slot=3 function=2 handle=\_SB_.PCI0.BR3C
dev.pci.7.%pnpinfo: vendor=0x8086 device=0x2f0a subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.7.%parent: pci0
dev.pci.7.%domain: 0
dev.pci.7.%pibus: 0
dev.pci.7.%secbus: 65
dev.pci.7.%subbus: 65
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=0 handle=\_SB_.PCI0.RP01
dev.pci.8.%pnpinfo: vendor=0x8086 device=0x8d10 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.8.%parent: pci0
dev.pci.8.%domain: 0
dev.pci.8.%pibus: 0
dev.pci.8.%secbus: 66
dev.pci.8.%subbus: 66
dev.pci.8.%wake: 0
dev.pci.9.%desc: ACPI PCI-PCI bridge
dev.pci.9.%driver: pcib
dev.pci.9.%location: slot=28 function=3 handle=\_SB_.PCI0.RP04
dev.pci.9.%pnpinfo: vendor=0x8086 device=0x8d16 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.9.%parent: pci0
dev.pci.9.%domain: 0
dev.pci.9.%pibus: 0
dev.pci.9.%secbus: 125
dev.pci.9.%subbus: 125
dev.pci.9.%wake: 0
dev.pci.10.%desc: ACPI Host-PCI bridge
dev.pci.10.%driver: pcib
dev.pci.10.%location: handle=\_SB_.PCI1
dev.pci.10.%pnpinfo: _HID=PNP0A08 _UID=128
dev.pci.10.%parent: acpi0
dev.pci.11.%desc: ACPI PCI-PCI bridge
dev.pci.11.%driver: pcib
dev.pci.11.%location: slot=0 function=0 handle=\_SB_.PCI1.QRP0
dev.pci.11.%pnpinfo: vendor=0x8086 device=0x2f01 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.11.%parent: pci128
dev.pci.11.%domain: 0
dev.pci.11.%pibus: 128

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dev.pci.11.secbus: 129
dev.pci.11.subbus: 129
dev.pci.11.wake: 0
dev.pci.12.%desc: ACPI PCI-PCI bridge
dev.pci.12.%driver: pcib
dev.pci.12.%location: slot=1 function=0 handle=\_SB_.PCI1.QR1A
dev.pci.12.%npninfo: vendor=0x8086 device=0x2f02 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.12.%parent: pci128
dev.pci.12.domain: 0
dev.pci.12.pribus: 128
dev.pci.12.secbus: 130
dev.pci.12.subbus: 130
dev.pci.12.wake: 0
dev.pci.13.%desc: ACPI PCI-PCI bridge
dev.pci.13.%driver: pcib
dev.pci.13.%location: slot=2 function=0 handle=\_SB_.PCI1.QR2A
dev.pci.13.%npninfo: vendor=0x8086 device=0x2f04 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.13.%parent: pci128
dev.pci.13.domain: 0
dev.pci.13.pribus: 128
dev.pci.13.secbus: 131
dev.pci.13.subbus: 131
dev.pci.13.wake: 0
dev.pci.14.%desc: ACPI PCI-PCI bridge
dev.pci.14.%driver: pcib
dev.pci.14.%location: slot=3 function=0 handle=\_SB_.PCI1.QR3A
dev.pci.14.%npninfo: vendor=0x8086 device=0x2f08 subvendor=0x1bcf subdevice=0x8053 class=0x060400
dev.pci.14.%parent: pci128
dev.pci.14.domain: 0
dev.pci.14.pribus: 128
dev.pci.14.secbus: 192
dev.pci.14.subbus: 192
dev.pci.14.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.5.%desc: ACPI PCI bus
dev.pci.5.%driver: pci
dev.pci.5.%parent: pcib4
dev.pci.5.wake: 0
dev.pci.12.%desc: ACPI PCI bus
dev.pci.12.%driver: pci
dev.pci.12.%parent: pcib5
dev.pci.12.wake: 0
dev.pci.64.%desc: ACPI PCI bus
dev.pci.64.%driver: pci
dev.pci.64.%parent: pcib6
dev.pci.64.wake: 0
dev.pci.65.%desc: ACPI PCI bus
dev.pci.65.%driver: pci
dev.pci.65.%parent: pcib7
dev.pci.65.wake: 0
dev.pci.66.%desc: ACPI PCI bus
dev.pci.66.%driver: pci
dev.pci.66.%parent: pcib8
dev.pci.66.wake: 0
dev.pci.125.%desc: ACPI PCI bus
dev.pci.125.%driver: pci
dev.pci.125.%parent: pcib9
dev.pci.125.wake: 0
dev.pci.128.%desc: ACPI PCI bus
dev.pci.128.%driver: pci
dev.pci.128.%parent: pcib10
dev.pci.129.%desc: ACPI PCI bus
dev.pci.129.%driver: pci
dev.pci.129.%parent: pcib11
dev.pci.129.wake: 0
dev.pci.130.%desc: ACPI PCI bus
dev.pci.130.%driver: pci
dev.pci.130.%parent: pcib12
dev.pci.130.wake: 0
dev.pci.131.%desc: ACPI PCI bus
dev.pci.131.%driver: pci
dev.pci.131.%parent: pcib13
dev.pci.131.wake: 0
dev.pci.192.%desc: ACPI PCI bus
dev.pci.192.%driver: pci
dev.pci.192.%parent: pcib14
dev.pci.192.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=0x8053 class=0x060000
dev.hostb.0.%parent: pci0
dev.mrsas.0.%desc: LSI Invader SAS Controller
dev.mrsas.0.%driver: mrsas
dev.mrsas.0.%location: slot=0 function=0 handle=\_SB_.PCI0.BR1A.H000
dev.mrsas.0.%npninfo: vendor=0x1000 device=0x005d subvendor=0x1000 subdevice=0x9364 class=0x010400
dev.mrsas.0.%parent: pci1
dev.mrsas.0.disable_ocr: 0
dev.mrsas.0.driver_version: 06.704.01.00-fbsd
dev.mrsas.0.reset_count: 0
dev.mrsas.0.fw_outstanding: 0
dev.mrsas.0.io_cmds_highwater: 64
dev.mrsas.0.mrsas_debug: 4
dev.mrsas.0.mrsas_io_timeout: 180000
dev.mrsas.0.mrsas_fw_fault_check_delay: 1
dev.mrsas.0.reset_in_progress: 0
dev.bxe.0.%desc: QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
dev.bxe.0.%driver: bxe

```

```

dev.bxe.0.%location: slot=0 function=0 handle=_\SB_.PCI0.BR2A.LAN1
dev.bxe.0.%pninfo: vendor=0x14e4 device=0x168a subvendor=0x1bcf subdevice=0x8055 class=0x020000
dev.bxe.0.%parent: pci5
dev.bxe.0.version: 1.78.78
dev.bxe.0.bc_version: 7.10.10
dev.bxe.0.fw_version: 7.8.51.0
dev.bxe.0.mf_mode: Single
dev.bxe.0.mf_vnics: 1
dev.bxe.0.mac_addr: 44:8a:5b:f4:d6:61
dev.bxe.0.pci_link: 5.0GT/s x8
dev.bxe.0.debug: 0
dev.bxe.0.rx_budget: 4294967295
dev.bxe.0.state: 0
dev.bxe.0.rx_bytes: 0
dev.bxe.0.rx_error_bytes: 0
dev.bxe.0.rx_ucast_packets: 0
dev.bxe.0.rx_mcast_packets: 0
dev.bxe.0.rx_bcast_packets: 0
dev.bxe.0.rx_crc_errors: 0
dev.bxe.0.rx_align_errors: 0
dev.bxe.0.rx_undersize_packets: 0
dev.bxe.0.rx_oversize_packets: 0
dev.bxe.0.rx_fragments: 0
dev.bxe.0.rx_jabbers: 0
dev.bxe.0.rx_discards: 0
dev.bxe.0.rx_filtered_packets: 0
dev.bxe.0.rx_mf_tag_discard: 0
dev.bxe.0.pfc_frames_received: 0
dev.bxe.0.pfc_frames_sent: 0
dev.bxe.0.rx_brbr_discard: 0
dev.bxe.0.rx_brbr_truncate: 0
dev.bxe.0.rx_pause_frames: 0
dev.bxe.0.rx_mac_ctrl_frames: 0
dev.bxe.0.rx_constant_pause_events: 0
dev.bxe.0.tx_bytes: 0
dev.bxe.0.tx_error_bytes: 0
dev.bxe.0.tx_ucast_packets: 0
dev.bxe.0.tx_mcast_packets: 0
dev.bxe.0.tx_bcast_packets: 0
dev.bxe.0.tx_mac_errors: 0
dev.bxe.0.tx_carrier_errors: 0
dev.bxe.0.tx_single_collisions: 0
dev.bxe.0.tx_multi_collisions: 0
dev.bxe.0.tx_deferred: 0
dev.bxe.0.tx_excess_collisions: 0
dev.bxe.0.tx_late_collisions: 0
dev.bxe.0.tx_total_collisions: 0
dev.bxe.0.tx_64_byte_packets: 0
dev.bxe.0.tx_65_to_127_byte_packets: 0
dev.bxe.0.tx_128_to_255_byte_packets: 0
dev.bxe.0.tx_256_to_511_byte_packets: 0
dev.bxe.0.tx_512_to_1023_byte_packets: 0
dev.bxe.0.tx_1024_to_1522_byte_packets: 0
dev.bxe.0.tx_1523_to_9022_byte_packets: 0
dev.bxe.0.tx_pause_frames: 0
dev.bxe.0.tpa_aggregations: 0
dev.bxe.0.tpa_aggregated_frames: 0
dev.bxe.0.tpa_bytes: 0
dev.bxe.0.eee_tx_lpi: 0
dev.bxe.0.rx_calls: 0
dev.bxe.0.rx_pkts: 0
dev.bxe.0.rx_tpa_pkts: 0
dev.bxe.0.rx_soft_errors: 0
dev.bxe.0.rx_hw_csum_errors: 0
dev.bxe.0.rx_ofld_frames_csum_ip: 0
dev.bxe.0.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.0.rx_budget_reached: 0
dev.bxe.0.tx_pkts: 0
dev.bxe.0.tx_soft_errors: 0
dev.bxe.0.tx_ofld_frames_csum_ip: 0
dev.bxe.0.tx_ofld_frames_csum_tcp: 0
dev.bxe.0.tx_ofld_frames_csum_udp: 0
dev.bxe.0.tx_ofld_frames_lso: 0
dev.bxe.0.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.tx_encap_failures: 0
dev.bxe.0.tx_hw_queue_full: 0
dev.bxe.0.tx_hw_max_queue_depth: 0
dev.bxe.0.tx_dma_mapping_failure: 0
dev.bxe.0.tx_max_drbr_queue_depth: 0
dev.bxe.0.tx_window_violation_std: 0
dev.bxe.0.tx_window_violation_tso: 0
dev.bxe.0.tx_chain_lost_mbuf: 0
dev.bxe.0.tx_frames_deferred: 0
dev.bxe.0.tx_queue_xoff: 0
dev.bxe.0.mbuf_defrag_attempts: 0
dev.bxe.0.mbuf_defrag_failures: 0
dev.bxe.0.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.0.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.0.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.mbuf_rx_sge_mapping_failed: 0
dev.bxe.0.mbuf_alloc_tx: 0
dev.bxe.0.mbuf_alloc_rx: 0
dev.bxe.0.mbuf_alloc_sge: 0
dev.bxe.0.mbuf_alloc_tpa: 0
dev.bxe.0.queue.0.rx_bytes: 0
dev.bxe.0.queue.0.rx_ucast_packets: 0
dev.bxe.0.queue.0.rx_mcast_packets: 0
dev.bxe.0.queue.0.rx_bcast_packets: 0
dev.bxe.0.queue.0.rx_discards: 0
dev.bxe.0.queue.0.tx_bytes: 0
dev.bxe.0.queue.0.tx_ucast_packets: 0
dev.bxe.0.queue.0.tx_mcast_packets: 0
dev.bxe.0.queue.0.tx_bcast_packets: 0
dev.bxe.0.queue.0.tpa_aggregations: 0
dev.bxe.0.queue.0.tpa_aggregated_frames: 0
dev.bxe.0.queue.0.tpa_bytes: 0
dev.bxe.0.queue.0.rx_calls: 0
dev.bxe.0.queue.0.rx_pkts: 0

```

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

```

dev.bxe.0.queue.2.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.queue.2.tx_encap_failures: 0
dev.bxe.0.queue.2.tx_hw_queue_full: 0
dev.bxe.0.queue.2.tx_hw_max_queue_depth: 0
dev.bxe.0.queue.2.tx_dma_mapping_failure: 0
dev.bxe.0.queue.2.tx_max_drbr_queue_depth: 0
dev.bxe.0.queue.2.tx_window_violation_std: 0
dev.bxe.0.queue.2.tx_window_violation_tso: 0
dev.bxe.0.queue.2.tx_chain_lost_mbuf: 0
dev.bxe.0.queue.2.tx_frames_deferred: 0
dev.bxe.0.queue.2.tx_queue_xoff: 0
dev.bxe.0.queue.2.mbuf_defrag_attempts: 0
dev.bxe.0.queue.2.mbuf_defrag_failures: 0
dev.bxe.0.queue.2.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.queue.2.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.queue.2.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.0.queue.2.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.0.queue.2.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.queue.2.mbuf_rx_sge_mapping_failed: 0
dev.bxe.0.queue.2.mbuf_alloc_tx: 0
dev.bxe.0.queue.2.mbuf_alloc_rx: 0
dev.bxe.0.queue.2.mbuf_alloc_sge: 0
dev.bxe.0.queue.2.mbuf_alloc_tpa: 0
dev.bxe.0.queue.3.rx_bytes: 0
dev.bxe.0.queue.3.rx_ucast_packets: 0
dev.bxe.0.queue.3.rx_mcast_packets: 0
dev.bxe.0.queue.3.rx_bcast_packets: 0
dev.bxe.0.queue.3.rx_discards: 0
dev.bxe.0.queue.3.tx_bytes: 0
dev.bxe.0.queue.3.tx_ucast_packets: 0
dev.bxe.0.queue.3.tx_mcast_packets: 0
dev.bxe.0.queue.3.tx_bcast_packets: 0
dev.bxe.0.queue.3.tpa_aggregations: 0
dev.bxe.0.queue.3.tpa_aggregated_frames: 0
dev.bxe.0.queue.3.tpa_bytes: 0
dev.bxe.0.queue.3.rx_calls: 0
dev.bxe.0.queue.3.rx_pkts: 0
dev.bxe.0.queue.3.rx_tpa_pkts: 0
dev.bxe.0.queue.3.rx_soft_errors: 0
dev.bxe.0.queue.3.rx_hw_csum_errors: 0
dev.bxe.0.queue.3.rx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.3.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.0.queue.3.rx_budget_reached: 0
dev.bxe.0.queue.3.tx_pkts: 0
dev.bxe.0.queue.3.tx_soft_errors: 0
dev.bxe.0.queue.3.tx_ofld_frames_csum_ip: 0
dev.bxe.0.queue.3.tx_ofld_frames_csum_tcp: 0
dev.bxe.0.queue.3.tx_ofld_frames_csum_udp: 0
dev.bxe.0.queue.3.tx_ofld_frames_lso: 0
dev.bxe.0.queue.3.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.0.queue.3.tx_encap_failures: 0
dev.bxe.0.queue.3.tx_hw_queue_full: 0
dev.bxe.0.queue.3.tx_hw_max_queue_depth: 0
dev.bxe.0.queue.3.tx_dma_mapping_failure: 0
dev.bxe.0.queue.3.tx_max_drbr_queue_depth: 0
dev.bxe.0.queue.3.tx_window_violation_std: 0
dev.bxe.0.queue.3.tx_window_violation_tso: 0
dev.bxe.0.queue.3.tx_chain_lost_mbuf: 0
dev.bxe.0.queue.3.tx_frames_deferred: 0
dev.bxe.0.queue.3.tx_queue_xoff: 0
dev.bxe.0.queue.3.mbuf_defrag_attempts: 0
dev.bxe.0.queue.3.mbuf_defrag_failures: 0
dev.bxe.0.queue.3.mbuf_rx_bd_alloc_failed: 0
dev.bxe.0.queue.3.mbuf_rx_bd_mapping_failed: 0
dev.bxe.0.queue.3.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.0.queue.3.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.0.queue.3.mbuf_rx_sge_alloc_failed: 0
dev.bxe.0.queue.3.mbuf_rx_sge_mapping_failed: 0
dev.bxe.0.queue.3.mbuf_alloc_tx: 0
dev.bxe.0.queue.3.mbuf_alloc_rx: 0
dev.bxe.0.queue.3.mbuf_alloc_sge: 0
dev.bxe.0.queue.3.mbuf_alloc_tpa: 0
dev.bxe.1.%$discr: QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
dev.bxe.1.%$driver: bxe
dev.bxe.1.%$location: slot=0 function=1 handle=\_SB\_PCI0.BR2A.LAN2
dev.bxe.1.%$npinfo: vendor=0x14e4 device=0x168a subvendor=0x1bcf subdevice=0x8055 class=0x020000
dev.bxe.1.%$parent: pci5
dev.bxe.1.version: 1.78.78
dev.bxe.1.bc_version: 7.10.10
dev.bxe.1.fw_version: 7.8.51.0
dev.bxe.1.mf_mode: Single
dev.bxe.1.mf_vnics: 1
dev.bxe.1.mac_addr: 44:8a:5b:f4:d6:63
dev.bxe.1.pci_link: 5.0GT/s x8
dev.bxe.1.debug: 0
dev.bxe.1.rx_budget: 4294967295
dev.bxe.1.state: 0
dev.bxe.1.rx_bytes: 0
dev.bxe.1.rx_error_bytes: 0
dev.bxe.1.rx_ucast_packets: 0
dev.bxe.1.rx_mcast_packets: 0
dev.bxe.1.rx_bcast_packets: 0
dev.bxe.1.rx_crc_errors: 0
dev.bxe.1.rx_align_errors: 0
dev.bxe.1.rx_undersize_packets: 0
dev.bxe.1.rx_oversize_packets: 0
dev.bxe.1.rx_fragments: 0
dev.bxe.1.rx_jabbers: 0
dev.bxe.1.rx_discards: 0
dev.bxe.1.rx_filtered_packets: 0
dev.bxe.1.rx_mf_tag_discard: 0
dev.bxe.1.pfc_frames_received: 0
dev.bxe.1.pfc_frames_sent: 0
dev.bxe.1.rx_brbr_discard: 0
dev.bxe.1.rx_brbr_truncate: 0
dev.bxe.1.rx_pause_frames: 0
dev.bxe.1.rx_mac_ctrl_frames: 0
dev.bxe.1.rx_constant_pause_events: 0
dev.bxe.1.tx_bytes: 0
dev.bxe.1.tx_error_bytes: 0

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dev.bxe.1.tx_ucast_packets: 0
dev.bxe.1.tx_mcast_packets: 0
dev.bxe.1.tx_bcast_packets: 0
dev.bxe.1.tx_mac_errors: 0
dev.bxe.1.tx_carrier_errors: 0
dev.bxe.1.tx_single_collisions: 0
dev.bxe.1.tx_multi_collisions: 0
dev.bxe.1.tx_deferred: 0
dev.bxe.1.tx_excess_collisions: 0
dev.bxe.1.tx_late_collisions: 0
dev.bxe.1.tx_total_collisions: 0
dev.bxe.1.tx_64_byte_packets: 0
dev.bxe.1.tx_65_to_127_byte_packets: 0
dev.bxe.1.tx_128_to_255_byte_packets: 0
dev.bxe.1.tx_256_to_511_byte_packets: 0
dev.bxe.1.tx_512_to_1023_byte_packets: 0
dev.bxe.1.tx_1024_to_1522_byte_packets: 0
dev.bxe.1.tx_1523_to_9022_byte_packets: 0
dev.bxe.1.tx_pause_frames: 0
dev.bxe.1.tpa_aggregations: 0
dev.bxe.1.tpa_aggregated_frames: 0
dev.bxe.1.tpa_bytes: 0
dev.bxe.1.eee_tx_lpi: 0
dev.bxe.1.rx_calls: 0
dev.bxe.1.rx_pkts: 0
dev.bxe.1.rx_tpa_pkts: 0
dev.bxe.1.rx_soft_errors: 0
dev.bxe.1.rx_hw_csum_errors: 0
dev.bxe.1.rx_ofld_frames_csum_ip: 0
dev.bxe.1.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.rx_budget_reached: 0
dev.bxe.1.tx_pkts: 0
dev.bxe.1.tx_soft_errors: 0
dev.bxe.1.tx_ofld_frames_csum_ip: 0
dev.bxe.1.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.tx_ofld_frames_csum_udp: 0
dev.bxe.1.tx_ofld_frames_lso: 0
dev.bxe.1.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.tx_encap_failures: 0
dev.bxe.1.tx_hw_queue_full: 0
dev.bxe.1.tx_hw_max_queue_depth: 0
dev.bxe.1.tx_dma_mapping_failure: 0
dev.bxe.1.tx_max_drbr_queue_depth: 0
dev.bxe.1.tx_window_violation_std: 0
dev.bxe.1.tx_window_violation_tso: 0
dev.bxe.1.tx_chain_lost_mbuf: 0
dev.bxe.1.tx_frames_deferred: 0
dev.bxe.1.tx_queue_xoff: 0
dev.bxe.1.mbuf_defrag_attempts: 0
dev.bxe.1.mbuf_defrag_failures: 0
dev.bxe.1.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.mbuf_alloc_tx: 0
dev.bxe.1.mbuf_alloc_rx: 0
dev.bxe.1.mbuf_alloc_sge: 0
dev.bxe.1.mbuf_alloc_tpa: 0
dev.bxe.1.queue.0.rx_bytes: 0
dev.bxe.1.queue.0.tx_ucast_packets: 0
dev.bxe.1.queue.0.tx_mcast_packets: 0
dev.bxe.1.queue.0.tx_bcast_packets: 0
dev.bxe.1.queue.0.tx_discards: 0
dev.bxe.1.queue.0.tx_bytes: 0
dev.bxe.1.queue.0.tx_ucast_packets: 0
dev.bxe.1.queue.0.tx_mcast_packets: 0
dev.bxe.1.queue.0.tx_bcast_packets: 0
dev.bxe.1.queue.0.tpa_aggregations: 0
dev.bxe.1.queue.0.tpa_aggregated_frames: 0
dev.bxe.1.queue.0.tpa_bytes: 0
dev.bxe.1.queue.0.rx_calls: 0
dev.bxe.1.queue.0.rx_pkts: 0
dev.bxe.1.queue.0.rx_tpa_pkts: 0
dev.bxe.1.queue.0.rx_soft_errors: 0
dev.bxe.1.queue.0.rx_hw_csum_errors: 0
dev.bxe.1.queue.0.rx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.0.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.queue.0.rx_budget_reached: 0
dev.bxe.1.queue.0.tx_pkts: 0
dev.bxe.1.queue.0.tx_soft_errors: 0
dev.bxe.1.queue.0.tx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.0.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.queue.0.tx_ofld_frames_csum_udp: 0
dev.bxe.1.queue.0.tx_ofld_frames_lso: 0
dev.bxe.1.queue.0.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.queue.0.tx_encap_failures: 0
dev.bxe.1.queue.0.tx_hw_queue_full: 0
dev.bxe.1.queue.0.tx_hw_max_queue_depth: 0
dev.bxe.1.queue.0.tx_dma_mapping_failure: 0
dev.bxe.1.queue.0.tx_max_drbr_queue_depth: 0
dev.bxe.1.queue.0.tx_window_violation_std: 0
dev.bxe.1.queue.0.tx_window_violation_tso: 0
dev.bxe.1.queue.0.tx_chain_lost_mbuf: 0
dev.bxe.1.queue.0.tx_frames_deferred: 0
dev.bxe.1.queue.0.tx_queue_xoff: 0
dev.bxe.1.queue.0.mbuf_defrag_attempts: 0
dev.bxe.1.queue.0.mbuf_defrag_failures: 0
dev.bxe.1.queue.0.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.queue.0.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.queue.0.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.queue.0.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.queue.0.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.queue.0.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.queue.0.mbuf_alloc_tx: 0
dev.bxe.1.queue.0.mbuf_alloc_rx: 0
dev.bxe.1.queue.0.mbuf_alloc_sge: 0
dev.bxe.1.queue.0.mbuf_alloc_tpa: 0
dev.bxe.1.queue.1.rx_bytes: 0

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

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dev.bxe.1.queue.3.rx_pkts: 0
dev.bxe.1.queue.3.rx_tpa_pkts: 0
dev.bxe.1.queue.3.rx_soft_errors: 0
dev.bxe.1.queue.3.rx_hw_csum_errors: 0
dev.bxe.1.queue.3.rx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.3.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.1.queue.3.rx_budget_reached: 0
dev.bxe.1.queue.3.tx_pkts: 0
dev.bxe.1.queue.3.tx_soft_errors: 0
dev.bxe.1.queue.3.tx_ofld_frames_csum_ip: 0
dev.bxe.1.queue.3.tx_ofld_frames_csum_tcp: 0
dev.bxe.1.queue.3.tx_ofld_frames_csum_udp: 0
dev.bxe.1.queue.3.tx_ofld_frames_lso: 0
dev.bxe.1.queue.3.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.1.queue.3.tx_encap_failures: 0
dev.bxe.1.queue.3.tx_hw_queue_full: 0
dev.bxe.1.queue.3.tx_hw_max_queue_depth: 0
dev.bxe.1.queue.3.tx_dma_mapping_failure: 0
dev.bxe.1.queue.3.tx_max_drbr_queue_depth: 0
dev.bxe.1.queue.3.tx_window_violation_std: 0
dev.bxe.1.queue.3.tx_window_violation_tso: 0
dev.bxe.1.queue.3.tx_chain_lost_mbuf: 0
dev.bxe.1.queue.3.tx_frames_deferred: 0
dev.bxe.1.queue.3.tx_queue_xoff: 0
dev.bxe.1.queue.3.mbuf_defrag_attempts: 0
dev.bxe.1.queue.3.mbuf_defrag_failures: 0
dev.bxe.1.queue.3.mbuf_rx_bd_alloc_failed: 0
dev.bxe.1.queue.3.mbuf_rx_bd_mapping_failed: 0
dev.bxe.1.queue.3.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.1.queue.3.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.1.queue.3.mbuf_rx_sge_alloc_failed: 0
dev.bxe.1.queue.3.mbuf_rx_sge_mapping_failed: 0
dev.bxe.1.queue.3.mbuf_alloc_tx: 0
dev.bxe.1.queue.3.mbuf_alloc_rx: 0
dev.bxe.1.queue.3.mbuf_alloc_sge: 0
dev.bxe.1.queue.3.mbuf_alloc_tpa: 0
dev.bxe.2.%desc: QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
dev.bxe.2.%driver: bxe
dev.bxe.2.%location: slot=0 function=2 handle=\_SB_.PCI0.BR2A.LAN3
dev.bxe.2.%pnpinfo: vendor=0x14e4 device=0x168a subvendor=0x1bcf subdevice=0x805f class=0x020000
dev.bxe.2.%parent: pci5
dev.bxe.2.version: 1.78.78
dev.bxe.2.bc_version: 7.10.10
dev.bxe.2.fw_version: 7.8.51.0
dev.bxe.2.mf_mode: Single
dev.bxe.2.mf_vnics: 1
dev.bxe.2.mac_addr: 44:8a:5b:f4:d6:5d
dev.bxe.2.pci_link: 5.0GT/s x8
dev.bxe.2.debug: 0
dev.bxe.2.rx_budget: 4294967295
dev.bxe.2.state: 0
dev.bxe.2.rx_bytes: 0
dev.bxe.2.rx_error_bytes: 0
dev.bxe.2.rx_ucast_packets: 0
dev.bxe.2.rx_mcast_packets: 0
dev.bxe.2.rx_bcast_packets: 0
dev.bxe.2.rx_crc_errors: 0
dev.bxe.2.rx_align_errors: 0
dev.bxe.2.rx_undersize_packets: 0
dev.bxe.2.rx_oversize_packets: 0
dev.bxe.2.rx_fragments: 0
dev.bxe.2.rx_jabbers: 0
dev.bxe.2.rx_discards: 0
dev.bxe.2.rx_filtered_packets: 0
dev.bxe.2.rx_mf_tag_discard: 0
dev.bxe.2.pfc_frames_received: 0
dev.bxe.2.pfc_frames_sent: 0
dev.bxe.2.rx_brbr_discard: 0
dev.bxe.2.rx_brbr_truncate: 0
dev.bxe.2.rx_pause_frames: 0
dev.bxe.2.rx_mac_ctrl_frames: 0
dev.bxe.2.rx_constant_pause_events: 0
dev.bxe.2.tx_bytes: 0
dev.bxe.2.tx_error_bytes: 0
dev.bxe.2.tx_ucast_packets: 0
dev.bxe.2.tx_mcast_packets: 0
dev.bxe.2.tx_bcast_packets: 0
dev.bxe.2.tx_mac_errors: 0
dev.bxe.2.tx_carrier_errors: 0
dev.bxe.2.tx_single_collisions: 0
dev.bxe.2.tx_multi_collisions: 0
dev.bxe.2.tx_deferred: 0
dev.bxe.2.tx_excess_collisions: 0
dev.bxe.2.tx_late_collisions: 0
dev.bxe.2.tx_total_collisions: 0
dev.bxe.2.tx_64_byte_packets: 0
dev.bxe.2.tx_65_to_127_byte_packets: 0
dev.bxe.2.tx_128_to_255_byte_packets: 0
dev.bxe.2.tx_256_to_511_byte_packets: 0
dev.bxe.2.tx_512_to_1023_byte_packets: 0
dev.bxe.2.tx_1024_to_1522_byte_packets: 0
dev.bxe.2.tx_1523_to_9022_byte_packets: 0
dev.bxe.2.tx_pause_frames: 0
dev.bxe.2.tpa_aggregations: 0
dev.bxe.2.tpa_aggregated_frames: 0
dev.bxe.2.tpa_bytes: 0
dev.bxe.2.eee_tx_lpi: 0
dev.bxe.2.rx_calls: 0
dev.bxe.2.rx_pkts: 0
dev.bxe.2.rx_tpa_pkts: 0
dev.bxe.2.rx_soft_errors: 0
dev.bxe.2.rx_hw_csum_errors: 0
dev.bxe.2.rx_ofld_frames_csum_ip: 0
dev.bxe.2.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.2.rx_budget_reached: 0
dev.bxe.2.tx_pkts: 0
dev.bxe.2.tx_soft_errors: 0
dev.bxe.2.tx_ofld_frames_csum_ip: 0
dev.bxe.2.tx_ofld_frames_csum_tcp: 0
dev.bxe.2.tx_ofld_frames_csum_udp: 0

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

```

```

dev.bxe.2.queue.1.mbuf_defrag_attempts: 0
dev.bxe.2.queue.1.mbuf_defrag_failures: 0
dev.bxe.2.queue.1.mbuf_rx_bd_alloc_failed: 0
dev.bxe.2.queue.1.mbuf_rx_bd_mapping_failed: 0
dev.bxe.2.queue.1.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.2.queue.1.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.2.queue.1.mbuf_rx_sge_alloc_failed: 0
dev.bxe.2.queue.1.mbuf_rx_sge_mapping_failed: 0
dev.bxe.2.queue.1.mbuf_alloc_tx: 0
dev.bxe.2.queue.1.mbuf_alloc_rx: 0
dev.bxe.2.queue.1.mbuf_alloc_sge: 0
dev.bxe.2.queue.1.mbuf_alloc_tpa: 0
dev.bxe.2.queue.2.rx_bytes: 0
dev.bxe.2.queue.2.rx_ucast_packets: 0
dev.bxe.2.queue.2.rx_mcast_packets: 0
dev.bxe.2.queue.2.rx_bcast_packets: 0
dev.bxe.2.queue.2.rx_discards: 0
dev.bxe.2.queue.2.tx_bytes: 0
dev.bxe.2.queue.2.tx_ucast_packets: 0
dev.bxe.2.queue.2.tx_mcast_packets: 0
dev.bxe.2.queue.2.tx_bcast_packets: 0
dev.bxe.2.queue.2.tpa_aggregations: 0
dev.bxe.2.queue.2.tpa_aggregated_frames: 0
dev.bxe.2.queue.2.tpa_bytes: 0
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dev.bxe.2.queue.2.rx_tpa_pkts: 0
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dev.bxe.2.queue.2.tx_pkts: 0
dev.bxe.2.queue.2.tx_soft_errors: 0
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dev.bxe.2.queue.2.tx_ofld_frames_csum_udp: 0
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dev.bxe.2.queue.2.tx_ofld_frames_lso_hdr_splits: 0
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dev.bxe.2.queue.2.tx_dma_mapping_failure: 0
dev.bxe.2.queue.2.tx_max_drbr_queue_depth: 0
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dev.bxe.2.queue.2.tx_window_violation_tso: 0
dev.bxe.2.queue.2.tx_chain_lost_mbuf: 0
dev.bxe.2.queue.2.tx_frames_deferred: 0
dev.bxe.2.queue.2.tx_queue_xoff: 0
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dev.bxe.2.queue.2.mbuf_defrag_failures: 0
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dev.bxe.2.queue.3.tpa_bytes: 0
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dev.bxe.2.queue.3.tx_dma_mapping_failure: 0
dev.bxe.2.queue.3.tx_max_drbr_queue_depth: 0
dev.bxe.2.queue.3.tx_window_violation_std: 0
dev.bxe.2.queue.3.tx_window_violation_tso: 0
dev.bxe.2.queue.3.tx_chain_lost_mbuf: 0
dev.bxe.2.queue.3.tx_frames_deferred: 0
dev.bxe.2.queue.3.tx_queue_xoff: 0
dev.bxe.2.queue.3.mbuf_defrag_attempts: 0
dev.bxe.2.queue.3.mbuf_defrag_failures: 0
dev.bxe.2.queue.3.mbuf_rx_bd_alloc_failed: 0
dev.bxe.2.queue.3.mbuf_rx_bd_mapping_failed: 0
dev.bxe.2.queue.3.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.2.queue.3.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.2.queue.3.mbuf_rx_sge_alloc_failed: 0
dev.bxe.2.queue.3.mbuf_rx_sge_mapping_failed: 0
dev.bxe.2.queue.3.mbuf_alloc_tx: 0
dev.bxe.2.queue.3.mbuf_alloc_rx: 0
dev.bxe.2.queue.3.mbuf_alloc_sge: 0
dev.bxe.2.queue.3.mbuf_alloc_tpa: 0

```

```

dev.bxe.3.%desc: QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
dev.bxe.3.%driver: bxe
dev.bxe.3.%location: slot=0 function=3 handle=_\SB_.PCI0.BR2A.LAN4
dev.bxe.3.%pninfo: vendor=0x14e4 device=0x168a subvendor=0x1bcf subdevice=0x805f class=0x020000
dev.bxe.3.%parent: pci5
dev.bxe.3.version: 1.78.78
dev.bxe.3.bc_version: 7.10.10
dev.bxe.3.fw_version: 7.8.51.0
dev.bxe.3.mf_mode: Single
dev.bxe.3.mf_vnics: 1
dev.bxe.3.mac_addr: 44:8a:5b:f4:d6:5f
dev.bxe.3.pci_link: 5.0GT/s x8
dev.bxe.3.debug: 0
dev.bxe.3.rx_budget: 4294967295
dev.bxe.3.state: 0
dev.bxe.3.rx_bytes: 0
dev.bxe.3.rx_error_bytes: 0
dev.bxe.3.rx_ucast_packets: 0
dev.bxe.3.rx_mcast_packets: 0
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dev.bxe.3.rx_oversize_packets: 0
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dev.bxe.3.rx_pause_frames: 0
dev.bxe.3.rx_mac_ctrl_frames: 0
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dev.bxe.3.tx_mcast_packets: 0
dev.bxe.3.tx_bcast_packets: 0
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dev.bxe.3.tx_multi_collisions: 0
dev.bxe.3.tx_deferred: 0
dev.bxe.3.tx_excess_collisions: 0
dev.bxe.3.tx_late_collisions: 0
dev.bxe.3.tx_total_collisions: 0
dev.bxe.3.tx_64_byte_packets: 0
dev.bxe.3.tx_65_to_127_byte_packets: 0
dev.bxe.3.tx_128_to_255_byte_packets: 0
dev.bxe.3.tx_256_to_511_byte_packets: 0
dev.bxe.3.tx_512_to_1023_byte_packets: 0
dev.bxe.3.tx_1024_to_1522_byte_packets: 0
dev.bxe.3.tx_1523_to_9022_byte_packets: 0
dev.bxe.3.tx_pause_frames: 0
dev.bxe.3.tpa_aggregations: 0
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dev.bxe.3.tpa_bytes: 0
dev.bxe.3.eee_tx_lpi: 0
dev.bxe.3.rx_calls: 0
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dev.bxe.3.rx_tpa_pkts: 0
dev.bxe.3.rx_soft_errors: 0
dev.bxe.3.rx_hw_csum_errors: 0
dev.bxe.3.rx_ofld_frames_csum_ip: 0
dev.bxe.3.rx_ofld_frames_csum_tcp_udp: 0
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dev.bxe.3.tx_pkts: 0
dev.bxe.3.tx_soft_errors: 0
dev.bxe.3.tx_ofld_frames_csum_ip: 0
dev.bxe.3.tx_ofld_frames_csum_tcp: 0
dev.bxe.3.tx_ofld_frames_csum_udp: 0
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dev.bxe.3.tx_hw_max_queue_depth: 0
dev.bxe.3.tx_dma_mapping_failure: 0
dev.bxe.3.tx_max_drbr_queue_depth: 0
dev.bxe.3.tx_window_violation_std: 0
dev.bxe.3.tx_window_violation_tso: 0
dev.bxe.3.tx_chain_lost_mbuf: 0
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dev.bxe.3.tx_queue_xoff: 0
dev.bxe.3.mbuf_defrag_attempts: 0
dev.bxe.3.mbuf_defrag_failures: 0
dev.bxe.3.mbuf_rx_bd_alloc_failed: 0
dev.bxe.3.mbuf_rx_bd_mapping_failed: 0
dev.bxe.3.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.3.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.3.mbuf_rx_sge_alloc_failed: 0
dev.bxe.3.mbuf_rx_sge_mapping_failed: 0
dev.bxe.3.mbuf_alloc_tx: 0
dev.bxe.3.mbuf_alloc_rx: 0
dev.bxe.3.mbuf_alloc_sge: 0
dev.bxe.3.mbuf_alloc_tpa: 0
dev.bxe.3.queue.0.rx_bytes: 0
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dev.bxe.3.queue.0.rx_mcast_packets: 0
dev.bxe.3.queue.0.rx_bcast_packets: 0
dev.bxe.3.queue.0.rx_discards: 0
dev.bxe.3.queue.0.tx_bytes: 0
dev.bxe.3.queue.0.tx_ucast_packets: 0
dev.bxe.3.queue.0.tx_mcast_packets: 0
dev.bxe.3.queue.0.tx_bcast_packets: 0
dev.bxe.3.queue.0.tpa_aggregations: 0
dev.bxe.3.queue.0.tpa_aggregated_frames: 0
dev.bxe.3.queue.0.tpa_bytes: 0

```

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

```

dev.bxe.3.queue.2.tx_ofld_frames_csum_udp: 0
dev.bxe.3.queue.2.tx_ofld_frames_lso: 0
dev.bxe.3.queue.2.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.3.queue.2.tx_encap_failures: 0
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dev.bxe.3.queue.2.tx_hw_max_queue_depth: 0
dev.bxe.3.queue.2.tx_dma_mapping_failure: 0
dev.bxe.3.queue.2.tx_max_drbr_queue_depth: 0
dev.bxe.3.queue.2.tx_window_violation_std: 0
dev.bxe.3.queue.2.tx_window_violation_tso: 0
dev.bxe.3.queue.2.tx_chain_lost_mbuf: 0
dev.bxe.3.queue.2.tx_frames_deferred: 0
dev.bxe.3.queue.2.tx_queue_xoff: 0
dev.bxe.3.queue.2.mbuf_defrag_attempts: 0
dev.bxe.3.queue.2.mbuf_defrag_failures: 0
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dev.bxe.3.queue.2.mbuf_rx_bd_mapping_failed: 0
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dev.bxe.3.queue.2.mbuf_rx_tpa_mapping_failed: 0
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dev.bxe.3.queue.2.mbuf_alloc_tpa: 0
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dev.bxe.3.queue.3.rx_mcast_packets: 0
dev.bxe.3.queue.3.rx_bcast_packets: 0
dev.bxe.3.queue.3.rx_discards: 0
dev.bxe.3.queue.3.tx_bytes: 0
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dev.bxe.3.queue.3.tx_bcast_packets: 0
dev.bxe.3.queue.3.tpa_aggregations: 0
dev.bxe.3.queue.3.tpa_aggregated_frames: 0
dev.bxe.3.queue.3.tpa_bytes: 0
dev.bxe.3.queue.3.rx_calls: 0
dev.bxe.3.queue.3.rx_pkts: 0
dev.bxe.3.queue.3.rx_tpa_pkts: 0
dev.bxe.3.queue.3.rx_soft_errors: 0
dev.bxe.3.queue.3.rx_hw_csum_errors: 0
dev.bxe.3.queue.3.rx_ofld_frames_csum_ip: 0
dev.bxe.3.queue.3.rx_ofld_frames_csum_tcp_udp: 0
dev.bxe.3.queue.3.rx_budget_reached: 0
dev.bxe.3.queue.3.tx_pkts: 0
dev.bxe.3.queue.3.tx_soft_errors: 0
dev.bxe.3.queue.3.tx_ofld_frames_csum_ip: 0
dev.bxe.3.queue.3.tx_ofld_frames_csum_tcp: 0
dev.bxe.3.queue.3.tx_ofld_frames_csum_udp: 0
dev.bxe.3.queue.3.tx_ofld_frames_lso: 0
dev.bxe.3.queue.3.tx_ofld_frames_lso_hdr_splits: 0
dev.bxe.3.queue.3.tx_encap_failures: 0
dev.bxe.3.queue.3.tx_hw_queue_full: 0
dev.bxe.3.queue.3.tx_hw_max_queue_depth: 0
dev.bxe.3.queue.3.tx_dma_mapping_failure: 0
dev.bxe.3.queue.3.tx_max_drbr_queue_depth: 0
dev.bxe.3.queue.3.tx_window_violation_std: 0
dev.bxe.3.queue.3.tx_window_violation_tso: 0
dev.bxe.3.queue.3.tx_chain_lost_mbuf: 0
dev.bxe.3.queue.3.tx_frames_deferred: 0
dev.bxe.3.queue.3.tx_queue_xoff: 0
dev.bxe.3.queue.3.mbuf_defrag_attempts: 0
dev.bxe.3.queue.3.mbuf_defrag_failures: 0
dev.bxe.3.queue.3.mbuf_rx_bd_alloc_failed: 0
dev.bxe.3.queue.3.mbuf_rx_bd_mapping_failed: 0
dev.bxe.3.queue.3.mbuf_rx_tpa_alloc_failed: 0
dev.bxe.3.queue.3.mbuf_rx_tpa_mapping_failed: 0
dev.bxe.3.queue.3.mbuf_rx_sge_alloc_failed: 0
dev.bxe.3.queue.3.mbuf_rx_sge_mapping_failed: 0
dev.bxe.3.queue.3.mbuf_alloc_tx: 0
dev.bxe.3.queue.3.mbuf_alloc_rx: 0
dev.bxe.3.queue.3.mbuf_alloc_sge: 0
dev.bxe.3.queue.3.mbuf_alloc_tpa: 0
dev.ioapic.0.%desc: IO(x) APIC
dev.ioapic.0.%driver: ioapic
dev.ioapic.0.%location: slot=5 function=4
dev.ioapic.0.%pnpinfo: vendor=0x8086 device=0x2f2c subvendor=0x1bcf subdevice=0x8053 class=0x080020
dev.ioapic.0.%parent: pci0
dev.ioapic.1.%desc: IO(x) APIC
dev.ioapic.1.%driver: ioapic
dev.ioapic.1.%location: slot=5 function=4
dev.ioapic.1.%pnpinfo: vendor=0x8086 device=0x2f2c subvendor=0x1bcf subdevice=0x8053 class=0x080020
dev.ioapic.1.%parent: pci128
dev.xhci.0.%desc: XHCI (generic) USB 3.0 controller
dev.xhci.0.%driver: xhci
dev.xhci.0.%location: slot=20 function=0 handle=_SB_.PCI0.XHCI
dev.xhci.0.%pnpinfo: vendor=0x8086 device=0x8d31 subvendor=0x1bcf subdevice=0x8053 class=0x0c0330
dev.xhci.0.%parent: pci0
dev.usbus.0.%driver: usb
dev.usbus.0.%parent: xhci0
dev.usbus.1.%driver: usb
dev.usbus.1.%parent: ehci0
dev.usbus.2.%driver: usb
dev.usbus.2.%parent: ehci1
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.%pnpinfo: vendor=0x8086 device=0x8d2d subvendor=0x1bcf subdevice=0x8053 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.%pnpinfo: vendor=0x8086 device=0x8d26 subvendor=0x1bcf subdevice=0x8053 class=0x0c0320
dev.ehci.1.%parent: pci0
dev.vgapci.0.%desc: VGA-compatible display
dev.vgapci.0.%driver: vgapci
dev.vgapci.0.%location: slot=0 function=0 handle=_SB_.PCI0.RP04.D03D
dev.vgapci.0.%pnpinfo: vendor=0x102b device=0x0522 subvendor=0x1bcf subdevice=0x8053 class=0x030000
dev.vgapci.0.%parent: pci125

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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.%pnpinfo: vendor=0x8086 device=0x8d44 subvendor=0x1bcf subdevice=0x8053 class=0x060100
dev.isab.0.%parent: pci0
dev.isa.0.%desc: ISA bus
dev.isa.0.%driver: isa
dev.isa.0.%parent: isab0
dev.ahci.0.%desc: AHCI SATA controller
dev.ahci.0.%driver: ahci
dev.ahci.0.%location: slot=31 function=2 handle=\_SB_.PCI0.SAT1
dev.ahci.0.%pnpinfo: vendor=0x8086 device=0x8d02 subvendor=0x1bcf subdevice=0x8053 class=0x010601
dev.ahci.0.%parent: pci0
dev.ahcich.0.%desc: AHCI channel
dev.ahcich.0.%driver: ahcich
dev.ahcich.0.%location: channel=0
dev.ahcich.0.%parent: ahci0
dev.ahcich.1.%desc: AHCI channel
dev.ahcich.1.%driver: ahcich
dev.ahcich.1.%location: channel=1
dev.ahcich.1.%parent: ahci0
dev.ahcich.2.%desc: AHCI channel
dev.ahcich.2.%driver: ahcich
dev.ahcich.2.%location: channel=2
dev.ahcich.2.%parent: ahci0
dev.ahcich.3.%desc: AHCI channel
dev.ahcich.3.%driver: ahcich
dev.ahcich.3.%location: channel=3
dev.ahcich.3.%parent: ahci0
dev.ahcich.4.%desc: AHCI channel
dev.ahcich.4.%driver: ahcich
dev.ahcich.4.%location: channel=4
dev.ahcich.4.%parent: ahci0
dev.ahcich.5.%desc: AHCI channel
dev.ahcich.5.%driver: ahcich
dev.ahcich.5.%location: channel=5
dev.ahcich.5.%parent: ahci0
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.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.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.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

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dev.p4tcc.9.%desc: CPU Frequency Thermal Control
dev.p4tcc.9.%driver: p4tcc
dev.p4tcc.9.%parent: cpu9
dev.p4tcc.9.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.10.%desc: CPU Frequency Thermal Control
dev.p4tcc.10.%driver: p4tcc
dev.p4tcc.10.%parent: cpu10
dev.p4tcc.10.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.11.%desc: CPU Frequency Thermal Control
dev.p4tcc.11.%driver: p4tcc
dev.p4tcc.11.%parent: cpu11
dev.p4tcc.11.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.12.%desc: CPU Frequency Thermal Control
dev.p4tcc.12.%driver: p4tcc
dev.p4tcc.12.%parent: cpu12
dev.p4tcc.12.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.13.%desc: CPU Frequency Thermal Control
dev.p4tcc.13.%driver: p4tcc
dev.p4tcc.13.%parent: cpu13
dev.p4tcc.13.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.14.%desc: CPU Frequency Thermal Control
dev.p4tcc.14.%driver: p4tcc
dev.p4tcc.14.%parent: cpu14
dev.p4tcc.14.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.15.%desc: CPU Frequency Thermal Control
dev.p4tcc.15.%driver: p4tcc
dev.p4tcc.15.%parent: cpu15
dev.p4tcc.15.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.16.%desc: CPU Frequency Thermal Control
dev.p4tcc.16.%driver: p4tcc
dev.p4tcc.16.%parent: cpu16
dev.p4tcc.16.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.17.%desc: CPU Frequency Thermal Control
dev.p4tcc.17.%driver: p4tcc
dev.p4tcc.17.%parent: cpu17
dev.p4tcc.17.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.18.%desc: CPU Frequency Thermal Control
dev.p4tcc.18.%driver: p4tcc
dev.p4tcc.18.%parent: cpu18
dev.p4tcc.18.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.19.%desc: CPU Frequency Thermal Control
dev.p4tcc.19.%driver: p4tcc
dev.p4tcc.19.%parent: cpu19
dev.p4tcc.19.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.cpubfreq.0.%driver: cpufreq
dev.cpubfreq.0.%parent: cpu0
dev.cpubfreq.1.%driver: cpufreq
dev.cpubfreq.1.%parent: cpu1
dev.cpubfreq.2.%driver: cpufreq
dev.cpubfreq.2.%parent: cpu2
dev.cpubfreq.3.%driver: cpufreq
dev.cpubfreq.3.%parent: cpu3
dev.cpubfreq.4.%driver: cpufreq
dev.cpubfreq.4.%parent: cpu4
dev.cpubfreq.5.%driver: cpufreq
dev.cpubfreq.5.%parent: cpu5
dev.cpubfreq.6.%driver: cpufreq
dev.cpubfreq.6.%parent: cpu6
dev.cpubfreq.7.%driver: cpufreq
dev.cpubfreq.7.%parent: cpu7
dev.cpubfreq.8.%driver: cpufreq
dev.cpubfreq.8.%parent: cpu8
dev.cpubfreq.9.%driver: cpufreq
dev.cpubfreq.9.%parent: cpu9
dev.cpubfreq.10.%driver: cpufreq
dev.cpubfreq.10.%parent: cpu10
dev.cpubfreq.11.%driver: cpufreq
dev.cpubfreq.11.%parent: cpu11
dev.cpubfreq.12.%driver: cpufreq
dev.cpubfreq.12.%parent: cpu12
dev.cpubfreq.13.%driver: cpufreq
dev.cpubfreq.13.%parent: cpu13
dev.cpubfreq.14.%driver: cpufreq
dev.cpubfreq.14.%parent: cpu14
dev.cpubfreq.15.%driver: cpufreq
dev.cpubfreq.15.%parent: cpu15
dev.cpubfreq.16.%driver: cpufreq
dev.cpubfreq.16.%parent: cpu16
dev.cpubfreq.17.%driver: cpufreq
dev.cpubfreq.17.%parent: cpu17
dev.cpubfreq.18.%driver: cpufreq
dev.cpubfreq.18.%parent: cpu18
dev.cpubfreq.19.%driver: cpufreq
dev.cpubfreq.19.%parent: cpu19
dev.uhub.0.%desc: 0x8086 XHCI root HUB, class 9/0, rev 3.00/1.00, addr 1
dev.uhub.0.%driver: uhub
dev.uhub.0.%parent: usb0
dev.uhub.1.%desc: Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.1.%driver: uhub
dev.uhub.1.%parent: usb1
dev.uhub.2.%desc: Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.2.%driver: uhub
dev.uhub.2.%parent: usb2
dev.uhub.3.%desc: vendor 0x8087 product 0x800a, 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=0x800a devclass=0x09 devsubclass=0x00 sernum="" release=0x0005 mode=host intclass=0x09 intsubclass=0x00 intprotocol=0x00
dev.uhub.3.%parent: uhub1
dev.uhub.4.%desc: vendor 0x8087 product 0x8002, class 9/0, rev 2.00/0.05, addr 2
dev.uhub.4.%driver: uhub
dev.uhub.4.%location: bus=1 hubaddr=1 port=2 devaddr=2 interface=0
dev.uhub.4.%pnpinfo: vendor=0x8087 product=0x8002 devclass=0x09 devsubclass=0x00 sernum="" release=0x0005 mode=host intclass=0x09 intsubclass=0x00 intprotocol=0x00
dev.uhub.4.%parent: uhub2
dev.uhub.5.%desc: vendor 0x0409 product 0x005a, class 9/0, rev 2.00/1.00, addr 3
dev.uhub.5.%driver: uhub
dev.uhub.5.%location: bus=2 hubaddr=6 port=2 devaddr=3 interface=0
dev.uhub.5.%pnpinfo: vendor=0x0409 product=0x005a devclass=0x09 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x09 intsubclass=0x00 intprotocol=0x00
dev.uhub.5.%parent: uhub4
dev.ukbd.0.%desc: Keyboard Interface
dev.ukbd.0.%driver: ukbd

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dev.ukbd.0.%location: bus=2 hubaddr=3 port=1 devaddr=3 interface=0
dev.ukbd.0.%pnpinfo: vendor=0x046b product=0xff10 devclass=0x00 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x03 intsubclass=0x01 intprotocol=0x01
dev.ukbd.0.%parent: uhub3
dev.ukbd.1.%desc: Topre Corporation HHKB Professional, class 0/0, rev 1.10/1.02, addr 4
dev.ukbd.1.%driver: ukbd
dev.ukbd.1.%location: bus=3 hubaddr=1 port=2 devaddr=4 interface=0
dev.ukbd.1.%pnpinfo: vendor=0x0853 product=0x0100 devclass=0x00 devsubclass=0x00 sernum="" release=0x0102 mode=host intclass=0x03 intsubclass=0x01 intprotocol=0x01
dev.ukbd.1.%parent: uhub5
dev.ums.0.%desc: Mouse Interface
dev.ums.0.%driver: ums
dev.ums.0.%location: bus=2 hubaddr=3 port=1 devaddr=3 interface=1
dev.ums.0.%pnpinfo: vendor=0x046b product=0xff10 devclass=0x00 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x03 intsubclass=0x01 intprotocol=0x02
dev.ums.0.%parent: uhub3
dev.ums.0.parseinfo: i1: Z:r0, p40, s8; B1:r0, p0, s1; B2:r0, p1, s1; B3:r0, p2, s1;
hptmv.status: RocketRAID 18xx SATA Controller driver Version v1.16
```

システム起動時メッセージ

```
Copyright (c) 1992-2014 The FreeBSD Project.
Copyright (c) 1979, 1980, 1983, 1986, 1988, 1989, 1991, 1992, 1993, 1994
    The Regents of the University of California. All rights reserved.
FreeBSD is a registered trademark of The FreeBSD Foundation.
FreeBSD 9.3-RELEASE #0: Tue Nov 24 17:20:35 JST 2015
    root@verify.bsdcconsulting.co.jp:/usr/obj/usr/src/sys/GENERIC amd64
gcc version 4.2.1 20070831 patched [FreeBSD]
CPU: Intel(R) Xeon(R) CPU E5-2660 v3 @ 2.60GHz (2600.06-MHz K8-class CPU)
Origin = "GenuineIntel" Id = 0x306f2 Family = 0x6 Model = 0x3f Stepping = 2
Features=0xbfebfbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV,PAT,PSE36,CLFLUSH,DTS,ACPI,MMX,FXSR,SSE,SSE2,SS,HTT,TM,PBE>
Features2=0x7ffefbff<SSE3,PCLMULQDQ,DTS64,MON_DS_CPL,VMX,SMX,EST,TM2,SSSE3,
<b11>,FMA,CX16,xTPR,PDCM,PCID,DCA,SSE4.1,SSE4.2,x2APIC,MOVBE,POPCNT,TSCDLT,AESNI,XSAVE,OSXSAVE,AVX,F16C,RDRAND>
AMD Features=0x2c100800<SYSCALL,NX,Page1GB,RDTSCP,LB>
AMD Features2=0x21<LAHF,ABM>
Standard Extended Features=0x37ab<GSFSBASE,TSCADJ,SMEP,ENHMOVSB,INVPICID>
TSC: P-state invariant, performance statistics
real memory = 137438953472 (131072 MB)
avail memory = 132889260032 (126733 MB)
Event timer "LAPIC" quality 600
ACPI APIC Table: <AMI 0680 >
FreeBSD/SMP: Multiprocessor System Detected: 20 CPUs
FreeBSD/SMP: 2 package(s) x 10 core(s)
cpu0 (BSP): APIC ID: 0
cpu1 (AP): APIC ID: 2
cpu2 (AP): APIC ID: 4
cpu3 (AP): APIC ID: 6
cpu4 (AP): APIC ID: 8
cpu5 (AP): APIC ID: 16
cpu6 (AP): APIC ID: 18
cpu7 (AP): APIC ID: 20
cpu8 (AP): APIC ID: 22
cpu9 (AP): APIC ID: 24
cpu10 (AP): APIC ID: 32
cpu11 (AP): APIC ID: 34
cpu12 (AP): APIC ID: 36
cpu13 (AP): APIC ID: 38
cpu14 (AP): APIC ID: 40
cpu15 (AP): APIC ID: 48
cpu16 (AP): APIC ID: 50
cpu17 (AP): APIC ID: 52
cpu18 (AP): APIC ID: 54
cpu19 (AP): APIC ID: 56
ACPI Warning: FADT (revision 5) is longer than ACPI 2.0 version, truncating length 268 to 244 (20110527/tbfadt-320)
ioapic0 <Version 2.0> irqs 0-23 on motherboard
ioapic1 <Version 2.0> irqs 24-47 on motherboard
ioapic2 <Version 2.0> irqs 48-71 on motherboard
kbd1 at kbdmux0
acpi0: <AMI 0680> on motherboard
acpi0: Power Button (fixed)
cpu0: <ACPI CPU> on acpi0
cpu1: <ACPI CPU> on acpi0
cpu2: <ACPI CPU> on acpi0
cpu3: <ACPI CPU> on acpi0
cpu4: <ACPI CPU> on acpi0
cpu5: <ACPI CPU> on acpi0
cpu6: <ACPI CPU> on acpi0
cpu7: <ACPI CPU> on acpi0
cpu8: <ACPI CPU> on acpi0
cpu9: <ACPI CPU> on acpi0
cpu10: <ACPI CPU> on acpi0
cpu11: <ACPI CPU> on acpi0
cpu12: <ACPI CPU> on acpi0
cpu13: <ACPI CPU> on acpi0
cpu14: <ACPI CPU> on acpi0
cpu15: <ACPI CPU> on acpi0
cpu16: <ACPI CPU> on acpi0
cpu17: <ACPI CPU> on acpi0
cpu18: <ACPI CPU> on acpi0
cpu19: <ACPI CPU> on acpi0
atrtc0: <AT realtime clock> port 0x70-0x71,0x74-0x77 irq 8 on acpi0
Event timer "RTC" frequency 32768 Hz quality 0
attimer0: <AT timer> port 0x40-0x43,0x50-0x53 irq 0 on acpi0
Timecounter "i8254" frequency 1193182 Hz quality 0
Event timer "i8254" frequency 1193182 Hz quality 100
hpet0: <High Precision Event Timer> iomem 0xfed00000-0xfed003ff on acpi0
Timecounter "HPET" frequency 14318180 Hz quality 950
Event timer "HPET" frequency 14318180 Hz quality 450
Event timer "HPET1" frequency 14318180 Hz quality 440
Event timer "HPET2" frequency 14318180 Hz quality 440
Event timer "HPET3" frequency 14318180 Hz quality 440
Event timer "HPET4" frequency 14318180 Hz quality 440
Event timer "HPET5" frequency 14318180 Hz quality 440
Event timer "HPET6" frequency 14318180 Hz quality 440
Event timer "HPET7" frequency 14318180 Hz quality 440
Timecounter "ACPI-fast" frequency 3579545 Hz quality 900
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x408-0x40b on acpi0
pcib0: <ACPI Host-PCI bridge> on acpi0
pci255: <ACPI PCI bus> on pcib0
pcib1: <ACPI Host-PCI bridge> on acpi0
pci127: <ACPI PCI bus> on pcib1
pcib2: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0
pci0: <ACPI PCI bus> on pcib2
pcib3: <ACPI PCI-PCI bridge> irq 27 at device 1.0 on pci0
pci1: <ACPI PCI bus> on pcib3
LSI MegaRAID SAS FreeBSD mrsas driver version: 06.704.01.00-fbsd
mrsas0: <LSI Invader SAS Controller> port 0x6000-0x60ff mem 0xc7c00000-0xc7c0ffff,0xc7b00000-0xc7bfffff irq 26 at device 0.0 on pci1
mrsas0: Internal command timed out after 180 seconds.
pcib4: <ACPI PCI-PCI bridge> irq 33 at device 2.0 on pci0
pci5: <ACPI PCI bus> on pcib4
bxe0: <QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
> mem 0xc5800000-0xc5ffffff,0xc5000000-0xc57fffff,0xc6030000-0xc603ffff irq 32 at device 0.0 on pci5
bxe0: PCI BAR0 [10] memory allocated: 0xc5800000-0xc5ffffff (8388608) -> 0xfffffe00c5800000
bxe0: PCI BAR2 [18] memory allocated: 0xc5000000-0xc57fffff (8388608) -> 0xfffffe00c5000000
bxe0: PCI BAR4 [20] memory allocated: 0xc6030000-0xc603ffff (65536) -> 0xfffffe00c6030000
```

```

bxe0: Found 10Gb Fiber media.
bxe0: Ethernet address: 44:8a:5b:f4:d6:61
bxe0: MSI-X vectors Requested 5 and Allocated 5
bxe1: <QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
> mem 0xc4800000-0xc4ffffff,0xc4000000-0xc47fffff,0xc6020000-0xc602ffff irq 36 at device 0.1 on pci5
bxe1: PCI BAR0 [10] memory allocated: 0xc4800000-0xc4ffffff (8388608) -> 0xfffffe00c4800000
bxe1: PCI BAR2 [18] memory allocated: 0xc4000000-0xc47fffff (8388608) -> 0xfffffe00c4000000
bxe1: PCI BAR4 [20] memory allocated: 0xc6020000-0xc602ffff (65536) -> 0xfffffe00c6020000
bxe1: Found 10Gb Fiber media.
bxe1: Ethernet address: 44:8a:5b:f4:d6:63
bxe1: MSI-X vectors Requested 5 and Allocated 5
bxe2: <QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
> mem 0xc3800000-0xc33ffffff,0xc3000000-0xc37fffff,0xc6010000-0xc601ffff irq 36 at device 0.2 on pci5
bxe2: PCI BAR0 [10] memory allocated: 0xc3800000-0xc33ffffff (8388608) -> 0xfffffe00c3800000
bxe2: PCI BAR2 [18] memory allocated: 0xc3000000-0xc37fffff (8388608) -> 0xfffffe00c3000000
bxe2: PCI BAR4 [20] memory allocated: 0xc6010000-0xc601ffff (65536) -> 0xfffffe00c6010000
bxe2: Found 1000Base-T media.
bxe2: Ethernet address: 44:8a:5b:f4:d6:5d
bxe2: MSI-X vectors Requested 5 and Allocated 5
bxe3: <QLogic NetXtreme II BCM57800 10GbE (B0) BXE v:1.78.78
> mem 0xc2800000-0xc27fffff,0xc2000000-0xc27fffff,0xc6000000-0xc600ffff irq 37 at device 0.3 on pci5
bxe3: PCI BAR0 [10] memory allocated: 0xc2800000-0xc27fffff (8388608) -> 0xfffffe00c2800000
bxe3: PCI BAR2 [18] memory allocated: 0xc2000000-0xc27fffff (8388608) -> 0xfffffe00c2000000
bxe3: PCI BAR4 [20] memory allocated: 0xc6000000-0xc600ffff (65536) -> 0xfffffe00c6000000
bxe3: Found 1000Base-T media.
bxe3: Ethernet address: 44:8a:5b:f4:d6:5f
bxe3: MSI-X vectors Requested 5 and Allocated 5
pcib5: <ACPI PCI-PCI bridge> irq 33 at device 2.2 on pci0
pci12: <ACPI PCI bus> on pcib5
pcib6: <ACPI PCI-PCI bridge> irq 41 at device 3.0 on pci0
pci64: <ACPI PCI bus> on pcib6
pcib7: <ACPI PCI-PCI bridge> irq 41 at device 3.2 on pci0
pci65: <ACPI PCI bus> on pcib7
pci0: <unknown> at device 17.0 (no driver attached)
xhci0: <XHCI (generic) USB 3.0 controller> mem 0xc7f00000-0xc7f0ffff irq 19 at device 20.0 on pci0
xhci0: 32 byte context size.
usb00 on xhci0
pci0: <simple comms> at device 22.0 (no driver attached)
pci0: <simple comms> at device 22.1 (no driver attached)
ehci0: <EHCI (generic) USB 2.0 controller> mem 0xc7f34000-0xc7f343ff irq 18 at device 26.0 on pci0
usb01: EHCI version 1.0
usb01 on ehci0
pcib8: <ACPI PCI-PCI bridge> irq 16 at device 28.0 on pci0
pci66: <ACPI PCI bus> on pcib8
pcib9: <ACPI PCI-PCI bridge> irq 19 at device 28.3 on pci0
pci09: failed to allocate initial memory window: 0xc7000000-0xc79fffff
pci125: <ACPI PCI bus> on pcib9
vgapci0: <VGA-compatible display> mem 0xc1000000-0xc1ffffff,0xc7000000-0xc77fffff irq 16 at device 0.0 on pci125
vgapci0: Boot video device
ehci1: <EHCI (generic) USB 2.0 controller> mem 0xc7f33000-0xc7f333ff irq 18 at device 29.0 on pci0
usb02: EHCI version 1.0
usb02 on ehci1
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
ahci0: <AHCI SATA controller> port 0x7050-0x7057,0x7040-0x7043,0x7030-0x7037,0x7020-0x7023,0x7000-0x701f mem 0xc7f32000-0xc7f327ff irq 16 at device 31.2 on pci0
ahci0: AHCI v1.30 with 6 Gb/s ports, Port Multiplier not supported
ahcich0: <AHCI channel> at channel 0 on ahci0
ahcich1: <AHCI channel> at channel 1 on ahci0
ahcich2: <AHCI channel> at channel 2 on ahci0
ahcich3: <AHCI channel> at channel 3 on ahci0
ahcich4: <AHCI channel> at channel 4 on ahci0
ahcich5: <AHCI channel> at channel 5 on ahci0
pcib10: <ACPI Host-PCI bridge> on acpi0
pci128: <ACPI PCI bus> on pcib10
pcib11: <ACPI PCI-PCI bridge> at device 0.0 on pci128
pci129: <ACPI PCI bus> on pcib11
pcib12: <ACPI PCI-PCI bridge> irq 50 at device 1.0 on pci128
pci130: <ACPI PCI bus> on pcib12
pcib13: <ACPI PCI-PCI bridge> irq 57 at device 2.0 on pci128
pci131: <ACPI PCI bus> on pcib13
pcib14: <ACPI PCI-PCI bridge> irq 65 at device 3.0 on pci128
pci192: <ACPI PCI bus> on pcib14
acpi_button0: <Power Button> on acpi0
uart0: <16550 or compatible> port 0x3f8-0x3ff irq 4 flags 0x10 on acpi0
uart1: <16550 or compatible> port 0x2f8-0x2ff irq 3 on acpi0
orm0: <ISA Option ROM> at iomem 0xc00000-0xc7fff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa00000-0xbffff on isa0
ppc0: cannot reserve I/O port range
est0: <Enhanced SpeedStep Frequency Control> on cpu0
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c460001d00
device_attach: est0 attach returned 6
p4tcc0: <CPU Frequency Thermal Control> on cpu0
est1: <Enhanced SpeedStep Frequency Control> on cpu1
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c460001d00
device_attach: est1 attach returned 6
p4tcc1: <CPU Frequency Thermal Control> on cpu1
est2: <Enhanced SpeedStep Frequency Control> on cpu2
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c460001d00
device_attach: est2 attach returned 6
p4tcc2: <CPU Frequency Thermal Control> on cpu2
est3: <Enhanced SpeedStep Frequency Control> on cpu3
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c460001d00
device_attach: est3 attach returned 6
p4tcc3: <CPU Frequency Thermal Control> on cpu3
est4: <Enhanced SpeedStep Frequency Control> on cpu4
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f0001d00
device_attach: est4 attach returned 6
p4tcc4: <CPU Frequency Thermal Control> on cpu4
est5: <Enhanced SpeedStep Frequency Control> on cpu5
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c460001d00
device_attach: est5 attach returned 6
p4tcc5: <CPU Frequency Thermal Control> on cpu5

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est6: <Enhanced SpeedStep Frequency Control> on cpu6
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est6 attach returned 6
p4tcc6: <CPU Frequency Thermal Control> on cpu6
est7: <Enhanced SpeedStep Frequency Control> on cpu7
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est7 attach returned 6
p4tcc7: <CPU Frequency Thermal Control> on cpu7
est8: <Enhanced SpeedStep Frequency Control> on cpu8
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est8 attach returned 6
p4tcc8: <CPU Frequency Thermal Control> on cpu8
est9: <Enhanced SpeedStep Frequency Control> on cpu9
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c4600001d00
device_attach: est9 attach returned 6
p4tcc9: <CPU Frequency Thermal Control> on cpu9
est10: <Enhanced SpeedStep Frequency Control> on cpu10
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c4600001d00
device_attach: est10 attach returned 6
p4tcc10: <CPU Frequency Thermal Control> on cpu10
est11: <Enhanced SpeedStep Frequency Control> on cpu11
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est11 attach returned 6
p4tcc11: <CPU Frequency Thermal Control> on cpu11
est12: <Enhanced SpeedStep Frequency Control> on cpu12
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est12 attach returned 6
p4tcc12: <CPU Frequency Thermal Control> on cpu12
est13: <Enhanced SpeedStep Frequency Control> on cpu13
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est13 attach returned 6
p4tcc13: <CPU Frequency Thermal Control> on cpu13
est14: <Enhanced SpeedStep Frequency Control> on cpu14
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est14 attach returned 6
p4tcc14: <CPU Frequency Thermal Control> on cpu14
est15: <Enhanced SpeedStep Frequency Control> on cpu15
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c4600001d00
device_attach: est15 attach returned 6
p4tcc15: <CPU Frequency Thermal Control> on cpu15
est16: <Enhanced SpeedStep Frequency Control> on cpu16
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c4600001d00
device_attach: est16 attach returned 6
p4tcc16: <CPU Frequency Thermal Control> on cpu16
est17: <Enhanced SpeedStep Frequency Control> on cpu17
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c4600001d00
device_attach: est17 attach returned 6
p4tcc17: <CPU Frequency Thermal Control> on cpu17
est18: <Enhanced SpeedStep Frequency Control> on cpu18
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c6f00001d00
device_attach: est18 attach returned 6
p4tcc18: <CPU Frequency Thermal Control> on cpu18
est19: <Enhanced SpeedStep Frequency Control> on cpu19
est: CPU supports Enhanced Speedstep, but is not recognized.
est: cpu_vendor GenuineIntel, msr 1c4600001d00
device_attach: est19 attach returned 6
p4tcc19: <CPU Frequency Thermal Control> on cpu19
Timecounters tick every 1.000 msec
usb0: 5.0Gbps Super Speed USB v3.0
usb1: 480Mbps High Speed USB v2.0
usb2: 480Mbps High Speed USB v2.0
ugen0.1: <0x8086> at usb0
uhub0: <0x8086 XHCI root HUB, class 9/0, rev 3.00/1.00, addr 1> on usb0
ugen1.1: <Intel> at usb1
uhub1: <Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1> on usb1
ugen2.1: <Intel> at usb2
uhub2: <Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1> on usb2
da0 at mrsas0 bus 0 scbus0 target 0 lun 0
da0: <LSI MR9362-8i 4.22> Fixed Direct Access SCSI-5 device
da0: Serial Number 00a0bd2105099ae91d304df309b00506
da0: 150.000MB/s transfers
da0: 571680MB (1170800640 512 byte sectors: 255H 63S/T 72878C)
cd0 at ahcich4 bus 0 scbus6 target 0 lun 0
cd0: <MATSHITA DVD-ROM UJ8E2 1.00> Removable CD-ROM SCSI-0 device
cd0: Serial Number H086 004515
cd0: 150.000MB/s transfers (SATA 1.x, UDMA6, ATAPI 12bytes, PIO 8192bytes)
cd0: Attempt to query device size failed: NOT READY, Medium not present - tray closed
SMP: AP CPU #15 Launched!
SMP: AP CPU #3 Launched!
SMP: AP CPU #13 Launched!
SMP: AP CPU #5 Launched!
SMP: AP CPU #18 Launched!
SMP: AP CPU #6 Launched!
SMP: AP CPU #16 Launched!
SMP: AP CPU #7 Launched!
SMP: AP CPU #10 Launched!
SMP: AP CPU #4 Launched!
SMP: AP CPU #11 Launched!
SMP: AP CPU #2 Launched!
SMP: AP CPU #12 Launched!
SMP: AP CPU #1 Launched!
SMP: AP CPU #17 Launched!
SMP: AP CPU #8 Launched!
SMP: AP CPU #14 Launched!
SMP: AP CPU #9 Launched!
SMP: AP CPU #19 Launched!
Timecounter "TSC-low" frequency 1300028139 Hz quality 1000

```

```
Root mount waiting for: usb2 usb1 usb0
uhub1: 2 ports with 2 removable, self powered
uhub2: 2 ports with 2 removable, self powered
uhub0: 21 ports with 21 removable, self powered
ugen1.2: <vendor 0x8087> at usb1
uhub3: <vendor 0x8087 product 0x800a, class 9/0, rev 2.00/0.05, addr 2> on usb1
ugen2.2: <vendor 0x8087> at usb2
uhub4: <vendor 0x8087 product 0x8002, class 9/0, rev 2.00/0.05, addr 2> on usb2
Root mount waiting for: usb2 usb1
uhub3: 6 ports with 6 removable, self powered
uhub4: 8 ports with 8 removable, self powered
ugen1.3: <American Megatrends Inc.> at usb1
ukbd0: <Keyboard Interface> on usb1
kbd0 at ukbd0
ums0: <Mouse Interface> on usb1
ums0: 3 buttons and [Z] coordinates ID=0
ugen2.3: <vendor 0x0409> at usb2
uhub5: <vendor 0x0409 product 0x005a, class 9/0, rev 2.00/1.00, addr 3> on usb2
uhub5: 3 ports with 2 removable, bus powered
Root mount waiting for: usb2
ugen2.4: <Topre Corporation> at usb2
ukbd1: <Topre Corporation HHKB Professional, class 0/0, rev 1.10/1.02, addr 4> on usb2
kbd2 at ukbd1
Trying to mount root from ufs:/dev/da0p2 [rw]...
```

カーネルデバイスツリー

```
nexus0
  apic0
  ram0
    I/O memory addresses:
      0x0-0x9d7ff
      0x100000-0x7aab0fff
      0x7bd5d000-0x7bd5dfff
      0x7bde4000-0x7bfffff
      0x100000000-0x207ffffff
  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:
      0xc7800000-0xc78fffff
      0xc7914000-0xc7914fff
      0xfed12000-0xfed120ff
      0xfed12010-0xfed1201f
      0xfed1b000-0xfed1bfff
      0xfed1c000-0xfed1cfff
      0xfed45000-0xfed45fff
      0xfe000000-0xfe0fffff
      0xf0000000-0xf00fffff
  pcib0
  pci255
  pcib1
  pci127
  cpu0
    p4tcc0
    cpufreq0
  cpu1
    p4tcc1
    cpufreq1
  cpu2
    p4tcc2
    cpufreq2
  cpu3
    p4tcc3
    cpufreq3
  cpu4
    p4tcc4
    cpufreq4
  cpu5
    p4tcc5
    cpufreq5
  cpu6
    p4tcc6
    cpufreq6
  cpu7
    p4tcc7
    cpufreq7
  cpu8
    p4tcc8
    cpufreq8
  cpu9
    p4tcc9
    cpufreq9
  cpu10
    p4tcc10
    cpufreq10
  cpu11
    p4tcc11
    cpufreq11
  cpu12
    p4tcc12
    cpufreq12
  cpu13
    p4tcc13
    cpufreq13
  cpu14
    p4tcc14
    cpufreq14
  cpu15
    p4tcc15
    cpufreq15
  cpu16
    p4tcc16
    cpufreq16
  cpu17
    p4tcc17
    cpufreq17
  cpu18
    p4tcc18
    cpufreq18
  cpu19
    p4tcc19
    cpufreq19
  pcib2
    I/O ports:
      0xcf8-0xcff
  pci0
```



```

hostb0
pci3
  I/O ports:
    0x6000-0x6fff
  I/O memory addresses:
    0xc7d00000-0xc7cfffff
pci1
  mrsas0
    Interrupt request lines:
      26
    pci3 I/O port window:
      0x6000-0x6fff
    pci3 memory window:
      0xc7b00000-0xc7bfffff
      0xc7c00000-0xc7cfffff
pci4
  I/O memory addresses:
    0xc2000000-0xc60fffff
    0xc7d00000-0xc7efffff
pci5
  bxe0
    Interrupt request lines:
      264
      265
      266
      267
      268
    pci4 prefetch window:
      0xc5000000-0xc57fffff
      0xc5800000-0xc5fffff
      0xc6030000-0xc603ffff
  bxe1
    Interrupt request lines:
      269
      270
      271
      272
      273
    pci4 prefetch window:
      0xc4000000-0xc47fffff
      0xc4800000-0xc4fffff
      0xc6020000-0xc602ffff
  bxe2
    Interrupt request lines:
      274
      275
      276
      277
      278
    pci4 prefetch window:
      0xc3000000-0xc37fffff
      0xc3800000-0xc3fffff
      0xc6010000-0xc601ffff
  bxe3
    Interrupt request lines:
      279
      280
      281
      282
      283
    pci4 prefetch window:
      0xc2000000-0xc27fffff
      0xc2800000-0xc2fffff
      0xc6000000-0xc600ffff
pci5
pci12
pci6
pci64
pci7
pci65
ioapic0
  I/O memory addresses:
    0xc7f38000-0xc7f38fff
xhci0
  Interrupt request lines:
    19
  I/O memory addresses:
    0xc7f00000-0xc7f0ffff
usb0
  uhub0
ehci0
  Interrupt request lines:
    18
  I/O memory addresses:
    0xc7f34000-0xc7f343ff
usb1
  uhub1
  uhub3
  ukbd0
  ums0
pci8
pci66
pci9
  I/O memory addresses:
    0xc1000000-0xc1ffffff
    0xc7000000-0xc77fffff
pci125
  vgapic0
    pci9 memory window:
      0xc7000000-0xc77fffff
    pci9 prefetch window:
      0xc1000000-0xc1ffffff
ehci1
  Interrupt request lines:
    18
  I/O memory addresses:
    0xc7f33000-0xc7f333ff
usb2
  uhub2
  uhub4

```

```

    uhub5
      ukbd1
isab0
  isa0
    sc0
      vga0
        I/O ports:
          0x3c0-0x3df
        I/O memory addresses:
          0xa0000-0xbffff
    orm0
      I/O memory addresses:
        0xc0000-0xc7fff
ahci0
  Interrupt request lines:
    284
  I/O ports:
    0x7000-0x701f
    0x7020-0x7023
    0x7030-0x7037
    0x7040-0x7043
    0x7050-0x7057
  I/O memory addresses:
    0xc7f32000-0xc7f327ff
ahcich0
  I/O memory addresses:
    0xc7f32100-0xc7f3217f
ahcich1
  I/O memory addresses:
    0xc7f32180-0xc7f321ff
ahcich2
  I/O memory addresses:
    0xc7f32200-0xc7f3227f
ahcich3
  I/O memory addresses:
    0xc7f32280-0xc7f322ff
ahcich4
  I/O memory addresses:
    0xc7f32300-0xc7f3237f
ahcich5
  I/O memory addresses:
    0xc7f32380-0xc7f323ff
atdma0
  DMA request lines:
    4
  I/O ports:
    0x0-0xf
    0x81-0x83
    0x87
    0x89-0x8b
    0x8f
    0xc0-0xdf
atrtc0
  Interrupt request lines:
    8
  I/O ports:
    0x70-0x71
    0x74-0x77
fpupnp0
  I/O ports:
    0xf0
attimer0
  Interrupt request lines:
    0
  I/O ports:
    0x40-0x43
    0x50-0x53
hpet0
  Interrupt request lines:
    256
    257
    258
    259
    260
    261
    262
    263
  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
pcib10
  pci128
    pcib11
      pci129
        pcib12
          pci130
            pcib13
              pci131
                pcib14
                  pci192
                    ioapic1
                      I/O memory addresses:
                        0xfbf20000-0xfbf20fff
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@pci:0:255:8:0: class=0x088000 card=0x2f808086 chip=0x2f808086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none1@pci:0:255:8:2: class=0x110100 card=0x2f328086 chip=0x2f328086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = dasp
none2@pci:0:255:8:3: class=0x088000 card=0x2f838086 chip=0x2f838086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none3@pci:0:255:9:0: class=0x088000 card=0x2f908086 chip=0x2f908086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none4@pci:0:255:9:2: class=0x110100 card=0x2f338086 chip=0x2f338086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = dasp
none5@pci:0:255:9:3: class=0x088000 card=0x2f938086 chip=0x2f938086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none6@pci:0:255:11:0: class=0x088000 card=0x80531bcf chip=0x2f818086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none7@pci:0:255:11:1: class=0x110100 card=0x80531bcf chip=0x2f368086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = dasp
none8@pci:0:255:11:2: class=0x110100 card=0x80531bcf chip=0x2f378086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = dasp
none9@pci:0:255:12:0: class=0x088000 card=0x80531bcf chip=0x2fe08086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none10@pci:0:255:12:1: class=0x088000 card=0x80531bcf chip=0x2fe18086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none11@pci:0:255:12:2: class=0x088000 card=0x80531bcf chip=0x2fe28086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none12@pci:0:255:12:3: class=0x088000 card=0x80531bcf chip=0x2fe38086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none13@pci:0:255:12:4: class=0x088000 card=0x80531bcf chip=0x2fe48086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none14@pci:0:255:12:5: class=0x088000 card=0x80531bcf chip=0x2fe58086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none15@pci:0:255:12:6: class=0x088000 card=0x80531bcf chip=0x2fe68086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none16@pci:0:255:12:7: class=0x088000 card=0x80531bcf chip=0x2fe78086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none17@pci:0:255:13:0: class=0x088000 card=0x80531bcf chip=0x2fe88086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none18@pci:0:255:13:1: class=0x088000 card=0x80531bcf chip=0x2fe98086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none19@pci:0:255:15:0: class=0x088000 card=0x00000000 chip=0x2ff88086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none20@pci:0:255:15:1: class=0x088000 card=0x00000000 chip=0x2ff98086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none21@pci:0:255:15:2: class=0x088000 card=0x00000000 chip=0x2ffa8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none22@pci:0:255:15:3: class=0x088000 card=0x00000000 chip=0x2ffb8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none23@pci:0:255:15:4: class=0x088000 card=0x80531bcf chip=0x2ffc8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none24@pci:0:255:15:5: class=0x088000 card=0x80531bcf chip=0x2ffd8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none25@pci:0:255:15:6: class=0x088000 card=0x80531bcf chip=0x2ffe8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none26@pci:0:255:16:0: class=0x088000 card=0x80531bcf chip=0x2f1d8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none27@pci:0:255:16:1: class=0x110100 card=0x80531bcf chip=0x2f348086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = dasp
none28@pci:0:255:16:5: class=0x088000 card=0x80531bcf chip=0x2f1e8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none29@pci:0:255:16:6: class=0x110100 card=0x80531bcf chip=0x2f7d8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = dasp
none30@pci:0:255:16:7: class=0x088000 card=0x80531bcf chip=0x2f1f8086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none31@pci:0:255:18:0: class=0x088000 card=0x80531bcf chip=0x2fa08086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none32@pci:0:255:18:1: class=0x110100 card=0x2f308086 chip=0x2f308086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = dasp
none33@pci:0:255:18:4: class=0x088000 card=0x80531bcf chip=0x2f608086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
  class = base peripheral
none34@pci:0:255:18:5: class=0x110100 card=0x2f388086 chip=0x2f388086 rev=0x02 hdr=0x00
  vendor = 'Intel Corporation'
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none108@pci:0:127:19:3: class=0x088000 card=0x80531bcf chip=0x2fab8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none109@pci:0:127:19:6: class=0x088000 card=0x00000000 chip=0x2fae8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none110@pci:0:127:19:7: class=0x088000 card=0x00000000 chip=0x2faf8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none111@pci:0:127:20:0: class=0x088000 card=0x80531bcf chip=0x2fb08086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none112@pci:0:127:20:1: class=0x088000 card=0x80531bcf chip=0x2fb18086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none113@pci:0:127:20:2: class=0x088000 card=0x80531bcf chip=0x2fb28086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none114@pci:0:127:20:3: class=0x088000 card=0x80531bcf chip=0x2fb38086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none115@pci:0:127:20:4: class=0x088000 card=0x00000000 chip=0x2fbc8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none116@pci:0:127:20:5: class=0x088000 card=0x00000000 chip=0x2fbd8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none117@pci:0:127:20:6: class=0x088000 card=0x00000000 chip=0x2fbd8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none118@pci:0:127:20:7: class=0x088000 card=0x00000000 chip=0x2fbf8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none119@pci:0:127:22:0: class=0x088000 card=0x80531bcf chip=0x2f688086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none120@pci:0:127:22:1: class=0x088000 card=0x80531bcf chip=0x2f798086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none121@pci:0:127:22:2: class=0x088000 card=0x80531bcf chip=0x2f6a8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none122@pci:0:127:22:3: class=0x088000 card=0x80531bcf chip=0x2f6b8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none123@pci:0:127:22:6: class=0x088000 card=0x00000000 chip=0x2f6e8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none124@pci:0:127:22:7: class=0x088000 card=0x00000000 chip=0x2f6f8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none125@pci:0:127:23:0: class=0x088000 card=0x80531bcf chip=0x2fd08086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none126@pci:0:127:23:1: class=0x088000 card=0x80531bcf chip=0x2fd18086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none127@pci:0:127:23:2: class=0x088000 card=0x80531bcf chip=0x2fd28086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none128@pci:0:127:23:3: class=0x088000 card=0x80531bcf chip=0x2fd38086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none129@pci:0:127:23:4: class=0x088000 card=0x00000000 chip=0x2fb8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none130@pci:0:127:23:5: class=0x088000 card=0x00000000 chip=0x2fb98086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none131@pci:0:127:23:6: class=0x088000 card=0x00000000 chip=0x2fba8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none132@pci:0:127:23:7: class=0x088000 card=0x00000000 chip=0x2fbb8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none133@pci:0:127:30:0: class=0x088000 card=0x80531bcf chip=0x2f988086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none134@pci:0:127:30:1: class=0x088000 card=0x80531bcf chip=0x2f998086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none135@pci:0:127:30:2: class=0x088000 card=0x80531bcf chip=0x2f9a8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none136@pci:0:127:30:3: class=0x088000 card=0x80531bcf chip=0x2f9c8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none137@pci:0:127:30:4: class=0x088000 card=0x80531bcf chip=0x2f9d8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none138@pci:0:127:31:0: class=0x088000 card=0x00000000 chip=0x2f888086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
none139@pci:0:127:31:2: class=0x088000 card=0x00000000 chip=0x2f8a8086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = base peripheral
hostb0@pci:0:0:0:0: class=0x060000 card=0x80531bcf chip=0x2f08086 rev=0x02 hdr=0x00
 vendor = 'Intel Corporation'
 class = bridge
 subclass = HOST-PCI
 cap 10[90] = PCI-Express 2 root port max data 128(128) link x0(x4)
 speed 0.0(2.5) ASPM disabled(L1)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
 ecap 000b[100] = Vendor 1 ID 2
 ecap 000b[144] = Vendor 1 ID 4
 ecap 000b[1d0] = Vendor 1 ID 3
 ecap 000b[280] = Vendor 1 ID 5
 ecap 000b[300] = Vendor 1 ID 8
 pcib3@pci:0:1:0: class=0x060400 card=0x80531bcf chip=0x2f028086 rev=0x02 hdr=0x01
 vendor = 'Intel Corporation'

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class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
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) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib4@pci0:0:2:0: class=0x060400 card=0x80531bcf chip=0x2f048086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port slot max data 256(256) link x8(x8)
speed 5.0(8.0) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib5@pci0:0:2:2: class=0x060400 card=0x80531bcf chip=0x2f068086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
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) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib6@pci0:0:3:0: class=0x060400 card=0x80531bcf chip=0x2f088086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
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) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib7@pci0:0:3:2: class=0x060400 card=0x80531bcf chip=0x2f0a8086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
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) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
none140@pci0:0:4:0: class=0x088000 card=0x80531bcf chip=0x2f208086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none141@pci0:0:4:1: class=0x088000 card=0x80531bcf chip=0x2f218086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none142@pci0:0:4:2: class=0x088000 card=0x80531bcf chip=0x2f228086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none143@pci0:0:4:3: class=0x088000 card=0x80531bcf chip=0x2f238086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none144@pci0:0:4:4: class=0x088000 card=0x80531bcf chip=0x2f248086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none145@pci0:0:4:5: class=0x088000 card=0x80531bcf chip=0x2f258086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'

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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
none146@pci:0:4:6: class=0x088000 card=0x80531bcf chip=0x2f268086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none147@pci:0:4:7: class=0x088000 card=0x80531bcf chip=0x2f278086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none148@pci:0:5:0: class=0x088000 card=0x80531bcf chip=0x2f288086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
none149@pci:0:5:1: class=0x088000 card=0x80531bcf chip=0x2f298086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none150@pci:0:5:2: class=0x088000 card=0x80531bcf chip=0x2f2a8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
ioapic0@pci:0:5:4: class=0x080020 card=0x80531bcf chip=0x2f2c8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none151@pci:0:17:0: class=0xff0000 card=0x80531bcf chip=0x8d7c8086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x1(x1)
speed 2.5(2.5) ASPM disabled(L0s/L1)
cap 01[80] = powerspec 3 supports D0 D3 current D0
xhci0@pci:0:20:0: class=0xc0330 card=0x80531bcf chip=0x8d318086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = serial bus
subclass = USB
cap 01[70] = powerspec 2 supports D0 D3 current D0
none152@pci:0:22:0: class=0x078000 card=0x80531bcf chip=0x8d3a8086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = simple comms
cap 01[50] = powerspec 3 supports D0 D3 current D0
cap 05[8c] = MSI supports 1 message, 64 bit
none153@pci:0:22:1: class=0x078000 card=0x80531bcf chip=0x8d3b8086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = simple comms
cap 01[50] = powerspec 3 supports D0 D3 current D0
cap 05[8c] = MSI supports 1 message, 64 bit
ehci0@pci:0:26:0: class=0xc0320 card=0x80531bcf chip=0x8d2d8086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = serial bus
subclass = USB
cap 01[50] = powerspec 2 supports D0 D3 current D0
cap 0a[58] = EHCI Debug Port at offset 0xa0 in map 0x14
cap 13[98] = PCI Advanced Features: FLR TP
pcib8@pci:0:28:0: class=0x060400 card=0x80531bcf chip=0x8d108086 rev=0xd5 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 10[40] = PCI-Express 2 root port max data 128(128) link x0(x1)
speed 0.0(5.0) ASPM disabled(L0s/L1)
cap 05[80] = MSI supports 1 message
cap 0d[90] = PCI Bridge card=0x80531bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
pcib9@pci:0:28:3: class=0x060400 card=0x80531bcf chip=0x8d168086 rev=0xd5 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 10[40] = PCI-Express 2 root port slot max data 128(128) link x1(x1)
speed 2.5(5.0) ASPM disabled(L0s/L1)
cap 05[80] = MSI supports 1 message enabled with 1 message
cap 0d[90] = PCI Bridge card=0x80531bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
ehci1@pci:0:29:0: class=0xc0320 card=0x80531bcf chip=0x8d268086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
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=0x80531bcf chip=0x8d448086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-ISA
cap 09[e0] = vendor (length 12) Intel cap 1 version 0
features: AMT, 4 PCI-e x1 slots
ahci0@pci:0:31:2: class=0x010601 card=0x80531bcf chip=0x8d028086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = mass storage
subclass = SATA
cap 05[80] = MSI supports 1 message enabled with 1 message
cap 01[70] = powerspec 3 supports D0 D3 current D0
cap 12[a8] = SATA Index-Data Pair
none154@pci:0:31:3: class=0xc0c0500 card=0x80531bcf chip=0x8d228086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = serial bus
subclass = SMBus
mrsas0@pci:1:0:0: class=0x010400 card=0x93641000 chip=0x005d1000 rev=0x02 hdr=0x00
vendor = 'LSI Logic / Symbios Logic'

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```

device = 'MegaRAID SAS-3 3108 [Invader]'
class = mass storage
subclass = RAID
cap 01[50] = powerspec 3 supports D0 D1 D2 D3 current D0
cap 10[68] = PCI-Express 2 endpoint max data 256(4096) FLR link x8(x8)
            speed 8.0(8.0) ASPM disabled(L0s)
cap 03[d0] = VPD
cap 05[a8] = MSI supports 1 message, 64 bit, vector masks
cap 11[c0] = MSI-X supports 97 messages 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
bxe0@pci:5:0:0: class=0x020000 card=0x80551bcf chip=0x168a14e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme II BCM57800 10 Gigabit Ethernet'
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
cap 11[a0] = MSI-X supports 32 messages in map 0x20 enabled
cap 10[ac] = PCI-Express 2 endpoint max data 256(512) FLR link x8(x8)
            speed 5.0(5.0)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 448a5bffff4d661
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 000e[1b8] = ARI 1
ecap 0015[220] = Resizable BAR 1
ecap 0019[300] = PCIe Sec 1 lane errors 0
bxe1@pci:5:0:1: class=0x020000 card=0x80551bcf chip=0x168a14e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme II BCM57800 10 Gigabit Ethernet'
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
cap 11[a0] = MSI-X supports 32 messages in map 0x20 enabled
cap 10[ac] = PCI-Express 2 endpoint max data 256(512) FLR link x8(x8)
            speed 5.0(5.0)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 448a5bffff4d661
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 000e[1b8] = ARI 1
ecap 0015[220] = Resizable BAR 1
bxe2@pci:5:0:2: class=0x020000 card=0x805f1bcf chip=0x168a14e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme II BCM57800 10 Gigabit Ethernet'
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
cap 11[a0] = MSI-X supports 32 messages in map 0x20 enabled
cap 10[ac] = PCI-Express 2 endpoint max data 256(512) FLR link x8(x8)
            speed 5.0(5.0)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 448a5bffff4d661
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 000e[1b8] = ARI 1
ecap 0015[220] = Resizable BAR 1
bxe3@pci:5:0:3: class=0x020000 card=0x805f1bcf chip=0x168a14e4 rev=0x10 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'NetXtreme II BCM57800 10 Gigabit Ethernet'
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
cap 11[a0] = MSI-X supports 32 messages in map 0x20 enabled
cap 10[ac] = PCI-Express 2 endpoint max data 256(512) FLR link x8(x8)
            speed 5.0(5.0)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 448a5bffff4d661
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
ecap 000e[1b8] = ARI 1
ecap 0015[220] = Resizable BAR 1
vgapci0@pci:125:0:0: class=0x030000 card=0x80531bcf chip=0x0522102b rev=0x00 hdr=0x00
vendor = 'Matrox Graphics, Inc.'
device = 'MGA G200e [Pilot] ServerEngines (SEP1)'
class = display
subclass = VGA
cap 01[dc] = powerspec 2 supports D0 D3 current D0
cap 10[e4] = PCI-Express 1 legacy endpoint max data 128(256) link x1(x1)
            speed 2.5(2.5) ASPM disabled(L0s)
cap 05[54] = MSI supports 1 message
pcib11@pci:0:128:0:0: class=0x060400 card=0x80531bcf chip=0x2f018086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
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) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1a0] = Vendor 1 ID 3
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib12@pci:0:128:1:0: class=0x060400 card=0x80531bcf chip=0x2f028086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge

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subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port max data 128(256) link x0(x8)
speed 0.0(8.0) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib13@pci0:128:2:0: class=0x060400 card=0x80531bcf chip=0x2f048086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
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) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
pcib14@pci0:128:3:0: class=0x060400 card=0x80531bcf chip=0x2f088086 rev=0x02 hdr=0x01
vendor = 'Intel Corporation'
class = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80531bcf
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) ASPM disabled(L1)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
ecap 000b[100] = Vendor 1 ID 2
ecap 000d[110] = ACS 1
ecap 0001[148] = AER 1 0 fatal 0 non-fatal 0 corrected
ecap 000b[1d0] = Vendor 1 ID 3
ecap 0019[250] = PCIe Sec 1 lane errors 0
ecap 000b[280] = Vendor 1 ID 5
ecap 000b[300] = Vendor 1 ID 8
none155@pci0:128:4:0: class=0x088000 card=0x80531bcf chip=0x2f208086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none156@pci0:128:4:1: class=0x088000 card=0x80531bcf chip=0x2f218086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none157@pci0:128:4:2: class=0x088000 card=0x80531bcf chip=0x2f228086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none158@pci0:128:4:3: class=0x088000 card=0x80531bcf chip=0x2f238086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none159@pci0:128:4:4: class=0x088000 card=0x80531bcf chip=0x2f248086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none160@pci0:128:4:5: class=0x088000 card=0x80531bcf chip=0x2f258086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none161@pci0:128:4:6: class=0x088000 card=0x80531bcf chip=0x2f268086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none162@pci0:128:4:7: class=0x088000 card=0x80531bcf chip=0x2f278086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none163@pci0:128:5:0: class=0x088000 card=0x80531bcf chip=0x2f28086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
none164@pci0:128:5:1: class=0x088000 card=0x80531bcf chip=0x2f298086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
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
none165@pci0:128:5:2: class=0x088000 card=0x80531bcf chip=0x2f2a086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
cap 10[40] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)

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ioapic@pci0:128:5:4: class=0x080020 card=0x80531bcf chip=0x2f2c8086 rev=0x02 hdr=0x00
vendor   = 'Intel Corporation'
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
```

ACPI電源管理データ詳細一覧

```
RSD PTR: OEM=AMI, ACPI_Rev=2.0x (2)
XSDT=0x7b081080, length=36, cksum=201
XSDT: Length=132, Revision=1, Checksum=58,
OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
Entries={ 0x7b097ed8, 0x7b097fe8, 0x7b098168, 0x7b098208, 0x7b098248, 0x7b098280, 0x7b0982b0, 0x7b099108, 0x7b0a0df0, 0x7b0a26d8, 0x7b0a2740, 0x7b0a28b8 }
FACP: Length=268, Revision=5, Checksum=52,
OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
FACS=0x7b5f3f80, DSDT=0x7b081198
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=0x00000042, FirmWake_Vec=0x00000000
Global_Lock=
Flags=
Version=2
DSDT: Length=93503, Revision=2, Checksum=66,
OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1072009,
Creator ID=INTL, Creator Revision=0x20091013
APIC: Length=380, Revision=3, Checksum=46,
OEMID=AMI, OEM Table ID=0680, 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=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=32
Flags={ENABLED}
APIC ID=32
Type=Local APIC
ACPI CPU=34
Flags={ENABLED}
APIC ID=34
Type=Local APIC
ACPI CPU=36
Flags={ENABLED}
APIC ID=36
Type=Local APIC
ACPI CPU=38
Flags={ENABLED}
APIC ID=38
Type=Local APIC
ACPI CPU=40
Flags={ENABLED}
APIC ID=40
Type=Local APIC
ACPI CPU=48
Flags={ENABLED}
APIC ID=48
Type=Local APIC
```

```

ACPI CPU=50
Flags={ENABLED}
APIC ID=50
Type=Local APIC
ACPI CPU=52
Flags={ENABLED}
APIC ID=52
Type=Local APIC
ACPI CPU=54
Flags={ENABLED}
APIC ID=54
Type=Local APIC
ACPI CPU=56
Flags={ENABLED}
APIC ID=56
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=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=32
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=34
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=36
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=38
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=40
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=48
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=50
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=52
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=54
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=56
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=223,
OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
MCFG: Length=60, Revision=1, Checksum=160,
OEMID=AMI, OEM Table ID=0680, 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=172,
OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1,
Creator ID=INTEL, 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=74,
OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1,
Creator ID=INTEL, Creator Revision=0x20091013
Locality Count=2
SRAT: Length=3672, Revision=3, Checksum=174,
OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1,
Creator ID=INTEL, 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=16
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=18
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=20
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=22
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=24
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=32
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=34
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=36
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=38
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=40
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=48
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=50
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=52
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=54

```



```
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
SSDT: Length=31969, Revision=1, Checksum=238,
      OEMID=AMI, OEM Table ID=PmMgt, OEM Revision=0x1,
      Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=6370, Revision=2, Checksum=187,
      OEMID=AMI, OEM Table ID=SpsNm, OEM Revision=0x2,
      Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=100, Revision=2, Checksum=102,
      OEMID=AMI, OEM Table ID=SpsNvs, OEM Revision=0x2,
      Creator ID=INTL, Creator Revision=0x20120913
DMAR: Length=376, Revision=1, Checksum=137,
      OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1,
      Creator ID=INTL, Creator Revision=0x20091013
BERT: Length=48, Revision=1, Checksum=27,
      OEMID=AMI, OEM Table ID=0680, OEM Revision=0x1,
      Creator ID=INTL, Creator Revision=0x1
      Store ("H2: 0xD6 ME WP != ME RP", Debug)
      Store ("H2: 0xD7 Command == 0 ", Debug)
```

ネットワークインターフェースデータ詳細一覧

```
bxe0: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TS04, TS06, LRO, VLAN_HWFILTER, VLAN_HWTSO>
ether 44:8a:5b:f4:d6:61
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>
media: Ethernet autoselect (none)
bxe1: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TS04, TS06, LRO, VLAN_HWFILTER, VLAN_HWTSO>
ether 44:8a:5b:f4:d6:63
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>
media: Ethernet autoselect (none)
bxe2: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TS04, TS06, LRO, VLAN_HWFILTER, VLAN_HWTSO>
ether 44:8a:5b:f4:d6:5d
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>
media: Ethernet autoselect (none)
bxe3: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=507bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, TS04, TS06, LRO, VLAN_HWFILTER, VLAN_HWTSO>
ether 44:8a:5b:f4:d6:5f
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>
media: Ethernet autoselect (none)
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> metric 0 mtu 16384
options=600003<RXCSUM, TXCSUM, RXCSUM_IPV6, TXCSUM_IPV6>
inet6 ::1 prefixlen 128
inet6 fe80::1%lo0 prefixlen 64 scopeid 0x8
inet 127.0.0.1 netmask 0xffff0000
nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>
```

デバイス認識詳細一覧

2	1 dr-xr-xr-x	9 root	wheel	512 Dec 8 20:43 /dev
99	0 lrwxr-xr-x	1 root	wheel	12 Dec 8 11:43 /dev/log -> /var/run/log
128	0 lrwxr-xr-x	1 root	wheel	10 Dec 8 20:43 /dev/dmccp -> /dev/dmccp3
3	0 crw-r-----	1 root	operator	0, 3 Dec 8 11:43 /dev/geomctl
4	0 cr--r--r--	1 root	wheel	0, 4 Dec 8 11:43 /dev/sndstat
5	0 crw-----	1 root	wheel	0, 5 Dec 8 11:43 /dev/devctl
6	0 crw-----	1 root	wheel	0, 6 Dec 8 13:16 /dev/console
7	0 crw-----	1 root	wheel	0, 7 Dec 8 11:43 /dev/klog
8	0 crw-rw-rw-	1 root	wheel	0, 8 Dec 8 11:43 /dev/ctty
9	0 crw-----	1 root	wheel	0, 9 Dec 8 11:43 /dev/kbdmux0
10	0 lrwxr-xr-x	1 root	wheel	7 Dec 8 11:43 /dev/kbd1 -> kbdmux0
11	0 crw-----	1 root	wheel	0, 11 Dec 8 11:43 /dev/bpf
12	0 lrwxr-xr-x	1 root	wheel	3 Dec 8 11:43 /dev/bpf0 -> bpf
13	0 crw-r-----	1 root	kmem	0, 13 Dec 8 11:43 /dev/mem
14	0 crw-r-----	1 root	kmem	0, 14 Dec 8 11:43 /dev/kmem
15	0 crw-----	1 root	wheel	0, 15 Dec 8 11:43 /dev/fido
16	0 crw-----	1 root	kmem	0, 16 Dec 8 11:43 /dev/nfslock
17	0 crw-rw-rw-	1 root	wheel	0, 17 Dec 8 13:11 /dev/null
18	0 crw-rw-rw-	1 root	wheel	0, 18 Dec 8 11:43 /dev/zero
19	0 crw-----	1 root	kmem	0, 19 Dec 8 11:43 /dev/audit
20	0 crw-r--r--	1 root	wheel	0, 20 Dec 8 11:43 /dev/pci
21	0 crw-rw-rw-	1 root	wheel	0, 21 Dec 8 11:43 /dev/ptmx
22	0 crw-rw-rw-	1 root	wheel	0, 22 Dec 8 20:43 /dev/random
23	0 lrwxr-xr-x	1 root	wheel	6 Dec 8 11:43 /dev/urandom -> random
123	1 dr-xr-xr-x	2 root	wheel	512 Dec 8 11:43 /dev/fd
24	0 crw-rw-rw-	1 root	wheel	0, 24 Dec 8 11:43 /dev/fd/0
26	0 crw-rw-rw-	1 root	wheel	0, 26 Dec 8 11:43 /dev/fd/1
28	0 crw-rw-rw-	1 root	wheel	0, 28 Dec 8 11:43 /dev/fd/2
25	0 lrwxr-xr-x	1 root	wheel	4 Dec 8 11:43 /dev/stdin -> fd/0
27	0 lrwxr-xr-x	1 root	wheel	4 Dec 8 11:43 /dev/stdout -> fd/1
29	0 lrwxr-xr-x	1 root	wheel	4 Dec 8 11:43 /dev/stderr -> fd/2
30	0 crw-----	1 root	wheel	0, 30 Dec 8 11:43 /dev/io
31	0 crw-rw-rw-	1 root	wheel	0, 31 Dec 8 11:43 /dev/midstat
32	0 crw-----	1 root	wheel	0, 32 Dec 8 11:43 /dev/sysmouse
33	0 crw-r--r--	1 root	wheel	0, 33 Dec 8 11:43 /dev/acpi
34	0 crw-rw-rw-	1 root	operator	0, 34 Dec 8 11:43 /dev/mrsas0
124	1 dr-xr-xr-x	2 root	wheel	512 Dec 8 11:43 /dev/led
35	0 crw-----	1 root	wheel	0, 35 Dec 8 11:43 /dev/led/ahcich0.locate
36	0 crw-----	1 root	wheel	0, 36 Dec 8 11:43 /dev/led/ahcich0.fault
37	0 crw-----	1 root	wheel	0, 37 Dec 8 11:43 /dev/led/ahcich1.locate
38	0 crw-----	1 root	wheel	0, 38 Dec 8 11:43 /dev/led/ahcich1.fault
39	0 crw-----	1 root	wheel	0, 39 Dec 8 11:43 /dev/led/ahcich2.locate
40	0 crw-----	1 root	wheel	0, 40 Dec 8 11:43 /dev/led/ahcich2.fault
41	0 crw-----	1 root	wheel	0, 41 Dec 8 11:43 /dev/led/ahcich3.locate
42	0 crw-----	1 root	wheel	0, 42 Dec 8 11:43 /dev/led/ahcich3.fault
43	0 crw-----	1 root	wheel	0, 43 Dec 8 11:43 /dev/led/ahcich4.locate
44	0 crw-----	1 root	wheel	0, 44 Dec 8 11:43 /dev/led/ahcich4.fault
45	0 crw-----	1 root	wheel	0, 45 Dec 8 11:43 /dev/led/ahcich5.locate
46	0 crw-----	1 root	wheel	0, 46 Dec 8 11:43 /dev/led/ahcich5.fault
47	0 crw-----	1 root	wheel	0, 47 Dec 8 11:43 /dev/ttyu0
48	0 crw-----	1 root	wheel	0, 48 Dec 8 11:43 /dev/ttyu0.init
49	0 crw-----	1 root	wheel	0, 49 Dec 8 11:43 /dev/ttyu0.lock
50	0 crw-rw-rw-	1 uucp	dialer	0, 50 Dec 8 11:43 /dev/cua0
51	0 crw-rw-rw-	1 uucp	dialer	0, 51 Dec 8 11:43 /dev/cua0.init
52	0 crw-rw-rw-	1 uucp	dialer	0, 52 Dec 8 11:43 /dev/cua0.lock
53	0 crw-----	1 root	wheel	0, 53 Dec 8 11:43 /dev/ttyu1
54	0 crw-----	1 root	wheel	0, 54 Dec 8 11:43 /dev/ttyu1.init
55	0 crw-----	1 root	wheel	0, 55 Dec 8 11:43 /dev/ttyu1.lock
56	0 crw-rw-rw-	1 uucp	dialer	0, 56 Dec 8 11:43 /dev/cua1
57	0 crw-rw-rw-	1 uucp	dialer	0, 57 Dec 8 11:43 /dev/cua1.init
58	0 crw-rw-rw-	1 uucp	dialer	0, 58 Dec 8 11:43 /dev/cua1.lock
59	0 crw-----	1 root	tty	0, 59 Dec 8 13:16 /dev/ttyv0
60	0 crw-----	1 root	tty	0, 60 Dec 8 13:16 /dev/ttyv1
61	0 crw-----	1 root	wheel	0, 61 Dec 8 11:43 /dev/ttyv2
62	0 crw-----	1 root	wheel	0, 62 Dec 8 11:43 /dev/ttyv3
63	0 crw-----	1 root	wheel	0, 63 Dec 8 11:43 /dev/ttyv4
64	0 crw-----	1 root	wheel	0, 64 Dec 8 11:43 /dev/ttyv5
65	0 crw-----	1 root	wheel	0, 65 Dec 8 11:43 /dev/ttyv6
66	0 crw-----	1 root	wheel	0, 66 Dec 8 11:43 /dev/ttyv7
67	0 crw-----	1 root	wheel	0, 67 Dec 8 11:43 /dev/ttyv8
68	0 crw-----	1 root	wheel	0, 68 Dec 8 11:43 /dev/ttyv9
69	0 crw-----	1 root	wheel	0, 69 Dec 8 11:43 /dev/ttyva
70	0 crw-----	1 root	wheel	0, 70 Dec 8 11:43 /dev/ttyvb
71	0 crw-----	1 root	wheel	0, 71 Dec 8 11:43 /dev/ttyvc
72	0 crw-----	1 root	wheel	0, 72 Dec 8 11:43 /dev/ttyvd
73	0 crw-----	1 root	wheel	0, 73 Dec 8 11:43 /dev/ttyve
74	0 crw-----	1 root	wheel	0, 74 Dec 8 11:43 /dev/ttyvf
75	0 crw-----	1 root	wheel	0, 75 Dec 8 11:43 /dev/conslectl
76	0 crw-----	1 root	wheel	0, 76 Dec 8 11:43 /dev/ufssuspend
78	0 crw-r--r--	1 root	operator	0, 78 Dec 8 11:43 /dev/usbctl
79	0 crw-----	1 root	operator	0, 79 Dec 8 11:43 /dev/xpt0
80	0 crw-----	1 root	wheel	0, 80 Dec 8 11:43 /dev/mdctl
125	1 dr-xr-xr-x	2 root	wheel	512 Dec 8 11:43 /dev/usb
81	0 crw-----	1 root	operator	0, 81 Dec 8 11:43 /dev/usb/0.1.0
83	0 crw-----	1 root	operator	0, 83 Dec 8 11:43 /dev/usb/1.1.0
85	0 crw-----	1 root	operator	0, 85 Dec 8 11:43 /dev/usb/2.1.0
87	0 crw-----	1 root	operator	0, 87 Dec 8 11:43 /dev/usb/0.1.1
88	0 crw-----	1 root	operator	0, 88 Dec 8 11:43 /dev/usb/1.1.1
89	0 crw-----	1 root	operator	0, 89 Dec 8 11:43 /dev/usb/2.1.1
102	0 crw-----	1 root	operator	0, 102 Dec 8 11:43 /dev/usb/1.2.0
104	0 crw-----	1 root	operator	0, 104 Dec 8 11:43 /dev/usb/2.2.0
106	0 crw-----	1 root	operator	0, 106 Dec 8 11:43 /dev/usb/1.2.1
107	0 crw-----	1 root	operator	0, 107 Dec 8 11:43 /dev/usb/2.2.1
108	0 crw-----	1 root	operator	0, 108 Dec 8 11:43 /dev/usb/1.3.0
110	0 crw-----	1 root	operator	0, 110 Dec 8 11:43 /dev/usb/1.3.1
111	0 crw-----	1 root	operator	0, 111 Dec 8 11:43 /dev/usb/1.3.2
115	0 crw-----	1 root	operator	0, 115 Dec 8 11:43 /dev/usb/2.3.0
117	0 crw-----	1 root	operator	0, 117 Dec 8 11:43 /dev/usb/2.3.1
118	0 crw-----	1 root	operator	0, 118 Dec 8 11:43 /dev/usb/2.4.0
120	0 crw-----	1 root	operator	0, 120 Dec 8 11:43 /dev/usb/2.4.1
82	0 lrwxr-xr-x	1 root	wheel	9 Dec 8 11:43 /dev/ugen0.1 -> usb/0.1.0
84	0 lrwxr-xr-x	1 root	wheel	9 Dec 8 11:43 /dev/ugen1.1 -> usb/1.1.0
86	0 lrwxr-xr-x	1 root	wheel	9 Dec 8 11:43 /dev/ugen2.1 -> usb/2.1.0
90	0 cr-----	1 root	wheel	0, 90 Dec 8 11:43 /dev/devstat


```

91 0 crw----- 1 root
92 0 crw----- 1 root
93 0 crw-r----- 1 root
94 0 crw-r----- 1 root
95 0 crw-r----- 1 root
96 0 crw-r----- 1 root
97 0 crw-r----- 1 root
126 1 dr-xr-xr-x 2 root
98 0 crw-r----- 1 root
103 0 lrwxr-xr-x 1 root
105 0 lrwxr-xr-x 1 root
109 0 lrwxr-xr-x 1 root
112 0 crw----- 1 root
113 0 lrwxr-xr-x 1 root
114 0 crw-r--r-- 1 root
116 0 lrwxr-xr-x 1 root
119 0 lrwxr-xr-x 1 root
121 0 crw----- 1 root
122 0 lrwxr-xr-x 1 root

```

```

operator
operator
operator
operator
operator
operator
operator
wheel
operator
wheel
wheel
wheel
wheel
wheel
operator
wheel
wheel
wheel
wheel

```

```

0, 91 Dec 8 11:43 /dev/pass0
0, 92 Dec 8 11:43 /dev/pass1
0, 93 Dec 8 11:43 /dev/da0
0, 94 Dec 8 11:43 /dev/da0p1
0, 95 Dec 8 20:43 /dev/da0p2
0, 96 Dec 8 20:43 /dev/da0p3
0, 97 Dec 8 11:43 /dev/cd0
512 Dec 8 11:43 /dev/gptid
0, 98 Dec 8 11:43 /dev/gptid/a1e2aa6b-9428-11e5-b4b4-448a5bf4d661
9 Dec 8 11:43 /dev/ugen1.2 -> usb/1.2.0
9 Dec 8 11:43 /dev/ugen2.2 -> usb/2.2.0
9 Dec 8 11:43 /dev/ugen1.3 -> usb/1.3.0
0, 112 Dec 8 11:43 /dev/ukbd0
5 Dec 8 11:43 /dev/kbd0 -> ukbd0
0, 114 Dec 8 11:43 /dev/ums0
9 Dec 8 11:43 /dev/ugen2.3 -> usb/2.3.0
9 Dec 8 11:43 /dev/ugen2.4 -> usb/2.4.0
0, 121 Dec 8 11:43 /dev/ukbd1
5 Dec 8 11:43 /dev/kbd2 -> ukbd1

```

更新履歷

更新履歴

- 2015年12月8日 FreeBSD動作検証レポート2015年12月8日版作成
- 2016年07月21日 FreeBSD動作検証レポート2015年12月8日版修正

FreeBSD動作検証レポート

R120f-1E / 9.3-RELEASE

対象ハードウェア

maker:NEC, product:Express5800/R120f-1E [N8100-2248Y],
serial:5200107, version:FR1.0

対象OSバージョン

FreeBSD 9.3-RELEASE #0: Tue Nov 24 17:20:35 JST 2015

2015年12月8日版

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