

FreeBSD動作検証レポート

R120f-2E / 10.1-RELEASE

対象ハードウェア

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

対象OSバージョン

FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11
21:02:49 UTC 2014

2015年6月23日版

BSDコンサルティング株式会社

本文書の無断での引用・転載を禁止する

Contact us: info@bsdconsulting.co.jp

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動作検証レポート

要約

ハードウェア基本情報

製品UUID	cea56917-f9c1-e411-8001-fcaa14a3c4c1
製品データ	maker:NEC, product:Express5800/R120f-2E [N8100-2263Y], serial:5300109, version:FR1.3
筐体データ	maker:NEC, serial:01, tag:_____, version:856-857754-001
CPU	Intel(R) Xeon(R) CPU E5-2603 v3 @ 1.60GHz
MEMORY	67108864[KB]
BIOS	reldate:12/19/2014, vendor:American Megatrends Inc., version:5.0.0005
ACPI	oem:AMI , revision:2, rsdp:0x000f0530, rsdt:0x7b0d4028, xsdt:0x000000007b0d4088
OS	FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014

基礎性能データ

メモリアクセス速度	14.123 GBi/sec
IPv4スタック処理速度	253.763 MBi/sec
IPv6スタック処理速度	218.058 MBi/sec

動作検証要約

lwayアーキテクチャ

FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014は、BIOSをレガシーモードに設定し、かつ、512バイトセクタのストレージで構築された検証対象ハードウェア「maker:NEC, product:Express5800/R120f-2E [N8100-2263Y], serial:5300109, version:FR1.3」において正常に動作する。

工場出荷時のBIOSはUEFIブートを使用する設定になっているため、次のようにBIOSの設定を変更する必要がある。

システム起動時、マザーボードの起動画面が表示されたらF2キーを押してBIOSの設定モードに入る。

```
Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
BIOS Date: 12/19/2014 21:29:27 Ver: 5.0.0005

2 Processor(s) Detected, Core(s) per Processor = 6
Intel(R) Xeon(R) CPU E5-2603 v3 @ 1.60GHz
6x256 KB L2 Cache, 15360 KB L3 Cache

65536 MB System RAM Passed
Memory Mode: Independent

IPMI Base Board Management Controller was detected.
Device ID      : 88      Device Revision : 01
IPMI Version   : 2.0    Firmware Revision : 02.11
Self Test Result : 5500

Press <F2> SETUP, <F3> Internal Flash Memory, <F4> ROM Utility, <F12> Network
```

カーソルキーでBootを選択し、さらに項目「Boot Mode」に合わせてからEnterキーを押す。

```
Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
Main Advanced Security Server Boot Save & Exit

+-----+-----+
| Boot Configuration | |Select boot mode |
| * Quiet Boot      | |UEFI/Legacy.    |
| [Unavailable]    | |                 |
| *****          | |                 |
| Setup Notice :   | |                 |
| When the console | |                 |
| redirection settings are | |                 |
| configured to enable, "Quiet Boot" | |                 |
| operates in the state of [Disabled]. | |                 |
| *****          | |                 |
| Bootup NumLock State | [Off] |
| Setup Prompt Timeout | 0    |
|                     | |                 |
| Boot Mode           | [UEFI]|
|                     | |                 |
| Boot Option Priorities | |
| Boot Option #1      | [CD/DVD]|
| Boot Option #2      | [Removable]|
| Boot Option #3      | [HDD]   |
| Boot Option #4      | [Network]|
|                     | |                 |
|                     | |F1: General Help |
|                     | |F4: Save & Exit Setup |
|                     | |ESC: Exit      |
+-----+-----+

Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
```

表示される項目からLegacyを選択してEnterキーを押す。

```

Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
Main Advanced Security Server Boot Save & Exit

Boot Configuration
* Quiet Boot [Unavailable]
*****
Setup Notice :
When the console redirection settings are
configured to enable, "Quiet Boot"
operates in the state of [Disabled].
*****
Bootup NumLock State [0] Legacy
Setup Prompt Timeout 0 UEFI

Boot Mode [UEFI]

Boot Option Priorities
Boot Option #1 [CD/DVD]
Boot Option #2 [Removable]
Boot Option #3 [HDD]
Boot Option #4 [Network]

Select boot mode
UEFI/Legacy.

F1: General Help
F4: Save & Exit Setup
ESC: Exit

Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
AB

```

カーソルキーでSave & Exitを選択し、さらに項目「Save Changes and Exit」に合わせてからEnterキーを押して設定の保存と再起動を実行する。

```

Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
Main Advanced Security Server Boot Save & Exit

Save & Exit Options
Save Changes and Exit
Discard Changes and Exit
Save Changes and Power Off
Discard Changes and Power Off
Load Setup Defaults

Exit system setup
after saving the
changes.

F1: General Help
F4: Save & Exit Setup
ESC: Exit

Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
AB

```

なお、512バイトセクタのストレージに関しては注文時にその旨を伝える必要がある。

2wayアーキテクチャ

FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014は、次の条件を満たす場合に検証対象ハードウェア「maker:NEC, product:Express5800/R120f-2E [N8100-2263Y], serial:5300109, version:FR1.3」において正常に動作する。

- BIOSをレガシーモードで使用
- BIOSにてx2APICの設定を無効化
- 512バイトセクタのストレージを使用
- LSI MegaRAID RAIDコントローラドライバとしてmfi(4)ではなくmrsas(4)を使用

工場出荷時のBIOSはUEFIブートを使用する設定になっているため、次のようにBIOSの設定を変更する必要がある。

システム起動時、マザーボードの起動画面が表示されたらF2キーを押してBIOSの設定モードに入る。

```
Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
BIOS Date: 12/19/2014 21:29:27 Ver: 5.0.0005

2 Processor(s) Detected, Core(s) per Processor = 6
Intel(R) Xeon(R) CPU E5-2603 v3 @ 1.60GHz
6x256 KB L2 Cache, 15360 KB L3 Cache

65536 MB System RAM Passed
Memory Mode: Independent

IPMI Base Board Management Controller was detected.
Device ID      : 88      Device Revision   : 01
IPMI Version   : 2.0     Firmware Revision : 02.11
Self Test Result : 5500

Press <F2> SETUP, <F3> Internal Flash Memory, <F4> ROM Utility, <F12> Network

B4
```

カーソルキーでBootを選択し、さらに項目「Boot Mode」に合わせてからEnterキーを押す。

```
Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
Main Advanced Security Server Boot Save & Exit

|-----|-----|
| Boot Configuration | |Select boot mode |
| * Quiet Boot          | |UEFI/Legacy.     |
| [Unavailable]         | |                 |
| *****             | |                 |
| Setup Notice :       | |                 |
| When the console redirection settings are | |                 |
| configured to enable, "Quiet Boot"       | |                 |
| operates in the state of [Disabled].     | |                 |
| *****             | |                 |
| Bootup NumLock State  | |                 |
| [Off]                 | |                 |
| Setup Prompt Timeout  | |                 |
| 0                     | |                 |
|                         | |                 |
| Boot Mode             | |                 |
| [UEFI]                | |                 |
|                         | |                 |
| Boot Option Priorities | |                 |
| Boot Option #1        | |                 |
| [CD/DVD]              | |                 |
| Boot Option #2        | |                 |
| [Removable]           | |                 |
| Boot Option #3        | |                 |
| [HDD]                 | |                 |
| Boot Option #4        | |                 |
| [Network]             | |                 |
|                         | |                 |
|                         | |F1: General Help |
|                         | |F4: Save & Exit Setup |
|                         | |ESC: Exit        |
|-----|-----|

Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
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```

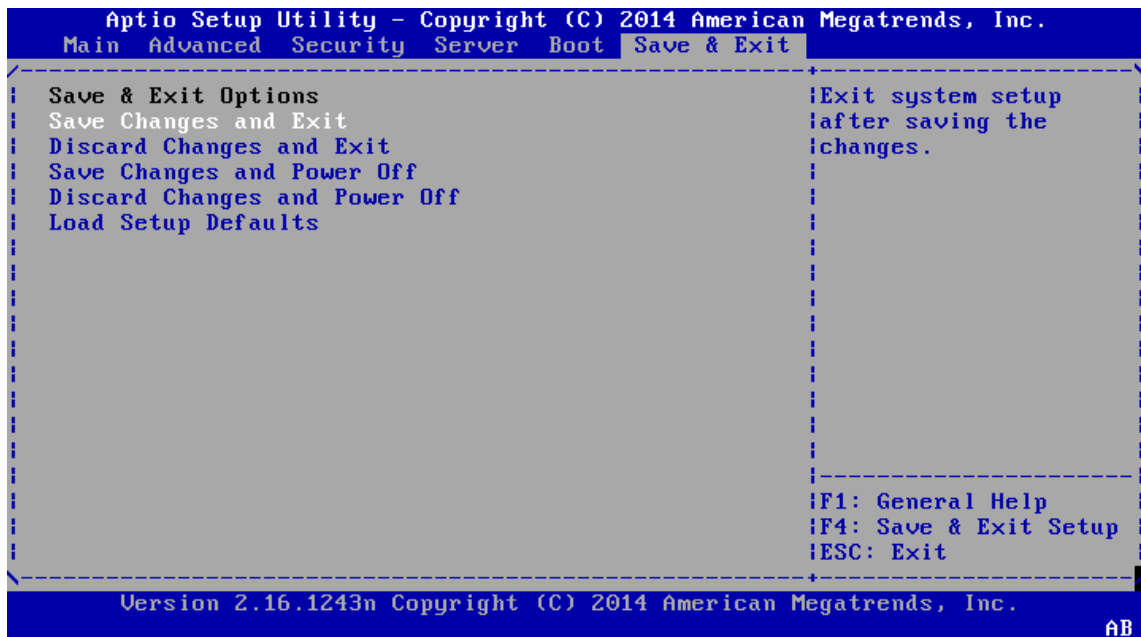
表示される項目からLegacyを選択してEnterキーを押す。

```
Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
Main Advanced Security Server Boot Save & Exit

|-----|-----|
| Boot Configuration | |Select boot mode |
| * Quiet Boot          | |UEFI/Legacy.     |
| [Unavailable]         | |                 |
| *****             | |                 |
| Setup Notice :       | |                 |
| When the console redirection settings are | |                 |
| configured to enable, "Quiet Boot"       | |                 |
| operates in the state of [Disabled].     | |                 |
| *****             | |                 |
| Bootup NumLock State  | |                 |
| [Off]                 | |                 |
| Setup Prompt Timeout  | |                 |
| 0                     | |                 |
|                         | |                 |
| Boot Mode             | |                 |
| [UEFI]                | |                 |
|                         | |                 |
| Boot Option Priorities | |                 |
| Boot Option #1        | |                 |
| [CD/DVD]              | |                 |
| Boot Option #2        | |                 |
| [Removable]           | |                 |
| Boot Option #3        | |                 |
| [HDD]                 | |                 |
| Boot Option #4        | |                 |
| [Network]             | |                 |
|                         | |                 |
|                         | |F1: General Help |
|                         | |F4: Save & Exit Setup |
|                         | |ESC: Exit        |
|-----|-----|

Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
AB
```

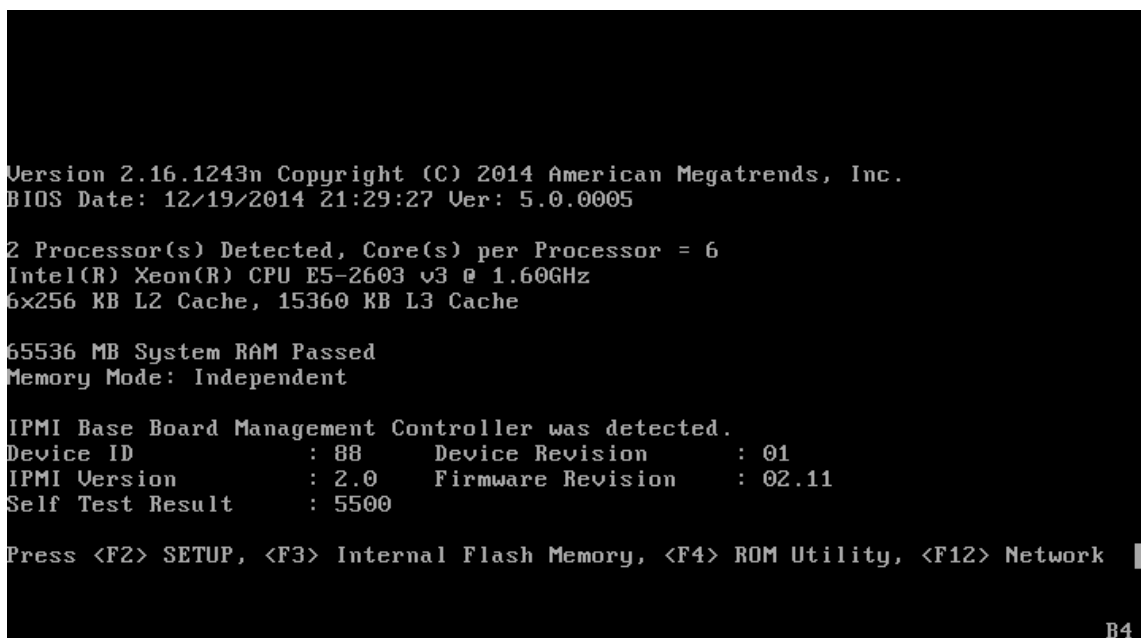
カーソルキーでSave & Exitを選択し、さらに項目「Save Changes and Exit」に合わせてからEnterキーを押して設定の保存と再起動を実行する。



なお、512バイトセクタのストレージに関しては注文時にその旨を伝える必要がある。

x2APICの無効化は次のように行う。

システム起動時、マザーボードの起動画面が表示されたらF2キーを押してBIOSの設定モードに入る。



カーソルキーでAdvancedを選択し、さらに項目「Processor Configuration」に合わせてからEnterキーを押す。


```
Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
Main  Advanced  Security  Server  Boot  Save & Exit
-----
|> Processor Configuration          |Processor
|> Memory Configuration            |Configuration
|> PCI Configuration               |parameters.
|> Advanced Chipset Configuration  |
|> Storage Configuration          |
|> USB Configuration              |
|> Serial Port Configuration       |
|> Network Stack Configuration     |
|> UEFI Driver Configuration       |
|*****|
| Setup Notice :                   |
| When "Boot Mode" is set to [Legacy],|
| "Network Stack Configuration" and  |
| "UEFI Driver Configuration" cannot be|
| configured.                       |
|*****|
|                                   |F1: General Help
|                                   |F4: Save & Exit Setup
|                                   |ESC: Exit
-----
Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
AB
```

カーソルキーでX2APICを選択してEnterキーを押す。

```
Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
  Advanced
-----
|> Processor Information            |Disables/Enables
|> Processor Power Management       |extended APIC
|                                   |support.
| DCU IP Prefetcher                |[Enabled]
| DCU Streamer                      |[Enabled]
| Prefetcher                        |
| Hardware Prefetcher              |[Enabled]
| Adjacent Cache Line              |[Enabled]
| Prefetch                          |
| Execute Disable Bit              |[Enabled]
| UT-x                              |[Enabled]
| Active Processor Cores            |6
| PPIN Support                      |[Disabled]
| X2APIC                            |[Enabled]
|                                   |
|                                   |F1: General Help
|                                   |F4: Save & Exit Setup
|                                   |ESC: Exit
-----
Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
AB
```

表示される項目からDisabledを選択してEnterキーを押す。

```

Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
  Advanced
-----
|> Processor Information                               |Disables/Enables
|> Processor Power Management                       |extended APIC
|                                                    |support.
| DCU IP Prefetcher                               |[Enabled]
| DCU Streamer                                    |[Enabled]
| Prefetcher
| Hardware Prefetcher                             |[Enabled]
| Adjacent Cache Line Prefetch                   |[En
|                                                    |----- X2APIC -----
|                                                    | Disabled
|                                                    | Enabled
| Execute Disable Bit                             |[En
| UT-x                                             |[Enab
| Active Processor Cores                          6
| PPIN Support                                    |[Disabled]
| X2APIC                                           |[Enabled]
|
|                                                    |F1: General Help
|                                                    |F4: Save & Exit Setup
|                                                    |ESC: Exit
-----
Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
  AB

```

カーソルキーでSave & Exitを選択し、さらに項目「Save Changes and Exit」に合わせてからEnterキーを押して設定の保存と再起動を実行する。

```

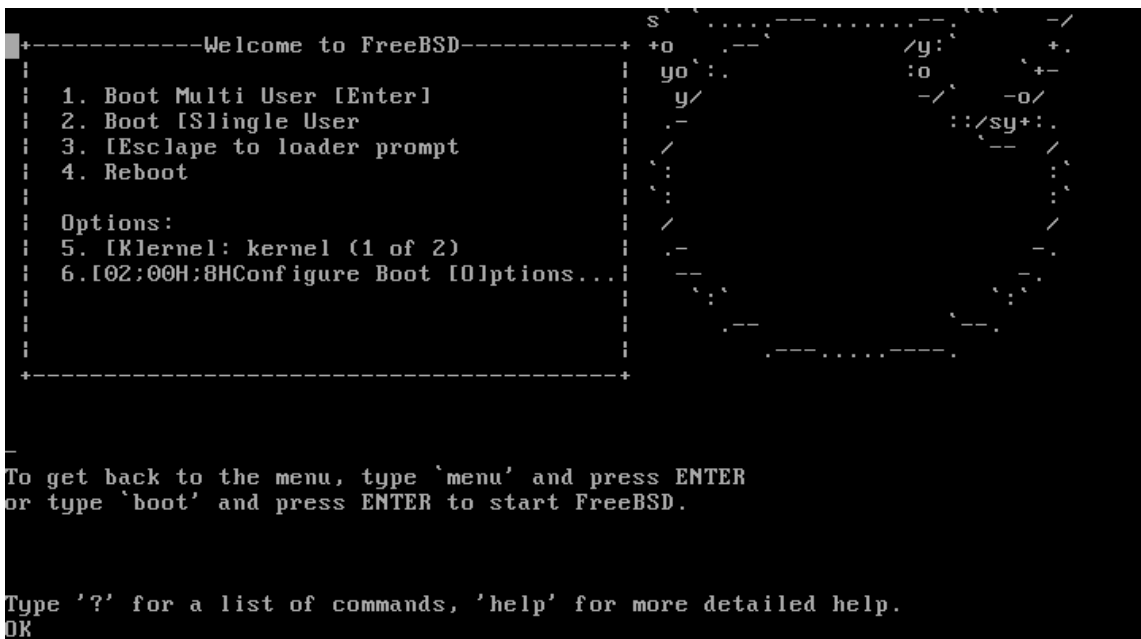
Aptio Setup Utility - Copyright (C) 2014 American Megatrends, Inc.
Main Advanced Security Server Boot Save & Exit
-----
| Save & Exit Options                               |Exit system setup
| Save Changes and Exit                           |after saving the
| Discard Changes and Exit                       |changes.
| Save Changes and Power Off
| Discard Changes and Power Off
| Load Setup Defaults
|
|                                                    |F1: General Help
|                                                    |F4: Save & Exit Setup
|                                                    |ESC: Exit
-----
Version 2.16.1243n Copyright (C) 2014 American Megatrends, Inc.
  AB

```

FreeBSD 10.1-RELEASEはデフォルトではLSI MegaRAID RAIDコントローラドライバとしてmfi(4)を使用する。このため、インストーラを起動する段階でmfi(4)ではなくmrsas(4)を使用するように設定を変更する必要がある。



インストーラ起動時にブートローダが表示された段階で3キーを押し、ローダプロンプトへ移行する。



ローダプロンプトで次のように入力を実施。mfi(4)を無効化し、mrsas(4)を有効化したインストーラを起動する。

```
set hw.mfi.mrsas_enable=1
boot
```

インストールの最後の段階でLive CDの起動を選択し、`/mnt/boot/loader.conf`に次の設定を書き込む。

```
hw.mfi.mrsas_enable=1
```

x2APICへの対応は将来のバージョンで取り組まれる見通し。それまではx2APICの機能を無効化しておく必要がある。

1way/2way共通

UEFIブートへの対応はFreeBSD 10.2-RELEASEまたはFreeBSD 11.0-RELEASE以降で実現する見通し。FreeBSD 10.1-RELEASEにおいてUEFIブートおよび4Kセクタストレージを使用するには、11.0-CURRENTから対応するコードをバックポートしてカーネルを再構築する必要がある。

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。起動にPEXブートやUSBメモリからの起動を使用するということであれば、2wayアーキテクチャの項目で説明したようにLSI MegaRAID RAIDコントローラドライバとしてmfi(4)ではなくmrsas(4)を使用することでFreeBSD側から利用できるようにすることもできる。

インストールしたFreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014をFreeBSD 11.0-RELEASEやそれ以降のバージョンにアップグレードする場合には注意が必要。FreeBSD 11.0-RELEASEにはLSI MegaRAID SASドライバとしてmfi(4)ではなくmrsas(4)がデフォルトでアタッチされるように挙動が変更される可能性がある。

LSI MegaRAID SASドライバとしてmrsas(4)が使われた場合、/dev/以下に表示されるファイル名は次のように変更される。

```
mfi0    → mrsas0
mfid0   → da0
mfid0s1 → da0s1a
mfid0s2 → da0s1b
```

論理パーティションの表示や名称は今後変更される可能性もあり、上記とは違う名前になる可能性もある。アップグレード対象のバージョンのリリースノートを参考にするとともに、適切な名称で/etc/fstabを書き換えるなどしてアップグレードを実施する必要がある。

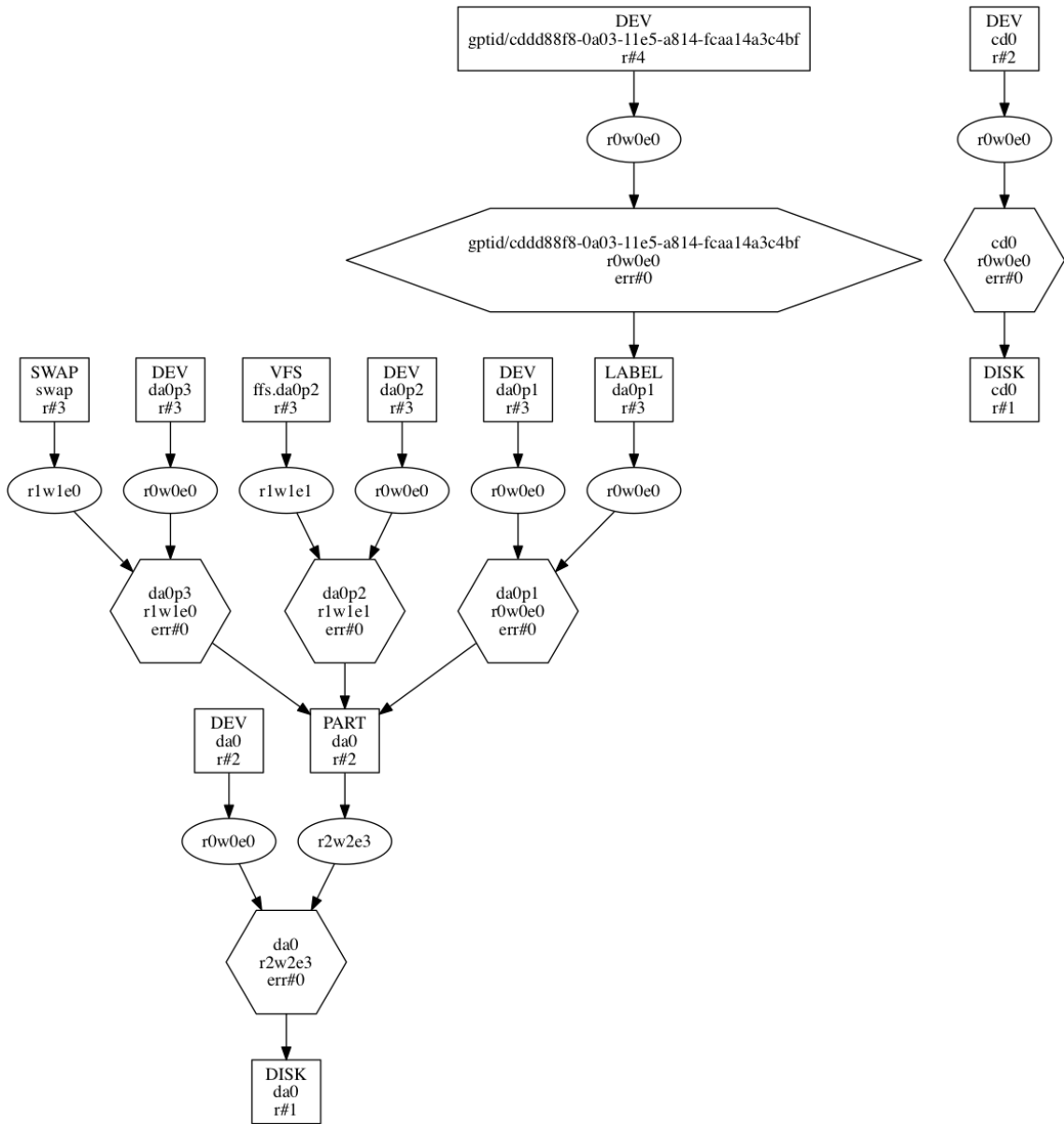
FreeBSDプロジェクトは、FreeBSD 11.0-RELEASE以降はブランチでの最低5年間サポートの開始を予定している。FreeBSD 11.0-RELEASE以降は、ブランチにおける最新のリリースバージョンのみがサポートの対象となる。このため、FreeBSD 11.0-RELEASE以降はマイナーアップグレードごとにアップグレードを実施し、FreeBSD 11.1-RELEASE、FreeBSD 11.2-RELEASEへとバージョンアップを実施する必要がある。カーネルをカスタマイズしない限り、freebsd-update(8)コマンドを

使ってバイナリアップデートを実施できる。

互換情報

R120f-2Mおよび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R120f-2MおよびR120f-1E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-2E [N8100-2263Y], serial:5300109, version:FR1.3)は24時間高負荷耐久試験をクリアしており、所定の負荷に対して安定して動作するものとみられる。

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

動作検証レポート

動作検証レポート

ACPI認識データ

ACPI_APIC	Revision=3, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_BERT	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x1
ACPI_DMAR	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_DSDT	Revision=2, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_FACP	Revision=5, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013, FACS=0x7b641f80, DSDT=0x7b0d41a0, SMI_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0, FLUSH_STRIDE=16, DUTY_WIDTH=3, RESET_VALUE=0xbf
ACPI_FACS	HwSig=0x0000001b, Firm_Wake_Vec=0x00000000
ACPI_FIDT	Length=156, Revision=1, Checksum=213, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_HPET	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_MCFG	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=MSFT, Creator_Revision=0x97
ACPI_RSD_PTR	OEM=AMI, ACPI_Rev=2.0x (2), XSDT=0x7b0d4088
ACPI_SLIT	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_SPCR	Revision=1, OEMID=A_M I, OEM_Table ID=APTIO V, OEM_Revision=0x1072009, Creator_ID=AMI., Creator_Revision=0x5
ACPI_SRAT	Revision=3, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20091013
ACPI_XSDT	Revision=1, OEMID=AMI, OEM_Table ID=0694, OEM_Revision=0x1072009, Creator_ID=AMI, Creator_Revision=0x10013
ACPI_SSDT_1	Length=31019, Revision=1, Checksum=15, OEMID=AMI, OEM_Table ID=PmMgt, OEM_Revision=0x1, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_2	Length=6370, Revision=2, Checksum=251, OEMID=AMI, OEM_Table ID=SpsNm, OEM_Revision=0x2, Creator_ID=INTL, Creator_Revision=0x20120913
ACPI_SSDT_3	Length=100, Revision=2, Checksum=130, OEMID=AMI, OEM_Table ID=SpsNvs, OEM_Revision=0x2, Creator_ID=INTL, Creator_Revision=0x20120913

MFIデバイス認識データ

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

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

MPTデバイス認識データ

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

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

NIC認識データ

NIC	bge0, bge1
bge0	flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=fc:aa:14:a3:c4:bf, inet=192.168.10.95 netmask 0xfffff00 broadcast 192.168.10.255, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect (1000baseT <full-duplex>), status=active
bge1	flags=8802<BROADCAST,SIMPLEX,MULTICAST>, metric=0, mtu=1500, options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>, ether=fc:aa:14:a3:c4:c0, nd6_options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>, media=Ethernet autoselect

カーネルデバイス認識データ

acpi	apm	apmctl	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/cddd88f8-0a03-11e5-a814-fcaa14a3c4bf	io
kbd0(ukbd0)	kbd1(kbdmux0)	kbd2(ukbd1)	kbdmux0
klog	kmem	led	led/ahci0.0.fault
led/ahci0.0.locate	led/ahci0.1.fault	led/ahci0.1.locate	led/ahci0.2.fault
led/ahci0.2.locate	led/ahci0.3.fault	led/ahci0.3.locate	led/ahci0.4.fault
led/ahci0.4.locate	log(/var/run/log)	mdctl	mem
midistat	mrsas0	nfslock	null
pass0	pass1	pass2	pci
random	ses0	sndstat	stderr(fd/2)
stdin(fd/0)	stdout(fd/1)	sysmouse	ttyu0
ttyu0.init	ttyu0.lock	ttyu1	ttyu1.init
ttyu1.lock	ttyv0	ttyv1	ttyv2
ttyv3	ttyv4	ttyv5	ttyv6
ttyv7	ttyv8	ttyv9	ttyva
ttyvb	ttyvc	ttyvd	ttyve
ttyvf	ufssuspend	ugen0.1(usb/0.1.0)	ugen0.2(usb/0.2.0)
ugen0.3(usb/0.3.0)	ugen0.4(usb/0.4.0)	ugen1.1(usb/1.1.0)	ugen1.2(usb/1.2.0)
ugen2.1(usb/2.1.0)	ugen2.2(usb/2.2.0)	ukbd0	ukbd1
urandom(random)	usb	usb/0.1.0	usb/0.1.1
usb/0.2.0	usb/0.2.1	usb/0.3.0	usb/0.3.1
usb/0.4.0	usb/0.4.1	usb/0.4.2	usb/1.1.0
usb/1.1.1	usb/1.2.0	usb/1.2.1	usb/2.1.0
usb/2.1.1	usb/2.2.0	usb/2.2.1	usbctl

xpt0	zero		
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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	pci0:255:11:0(none3), class=base peripheral, vendor='Intel Corporation', device=
5	pci0:255:11:1(none4), class=dasp, vendor='Intel Corporation', device=
6	pci0:255:11:2(none5), class=dasp, vendor='Intel Corporation', device=
7	pci0:255:12:0(none6), class=base peripheral, vendor='Intel Corporation', device=
8	pci0:255:12:1(none7), class=base peripheral, vendor='Intel Corporation', device=
9	pci0:255:12:2(none8), class=base peripheral, vendor='Intel Corporation', device=
10	pci0:255:12:3(none9), class=base peripheral, vendor='Intel Corporation', device=
11	pci0:255:12:4(none10), class=base peripheral, vendor='Intel Corporation', device=
12	pci0:255:12:5(none11), class=base peripheral, vendor='Intel Corporation', device=
13	pci0:255:15:0(none12), class=base peripheral, vendor='Intel Corporation', device=
14	pci0:255:15:1(none13), class=base peripheral, vendor='Intel Corporation', device=
15	pci0:255:15:4(none14), class=base peripheral, vendor='Intel Corporation', device=
16	pci0:255:15:5(none15), class=base peripheral, vendor='Intel Corporation', device=
17	pci0:255:15:6(none16), class=base peripheral, vendor='Intel Corporation', device=
18	pci0:255:16:0(none17), class=base peripheral, vendor='Intel Corporation', device=
19	pci0:255:16:1(none18), class=dasp, vendor='Intel Corporation', device=
20	pci0:255:16:5(none19), class=base peripheral, vendor='Intel Corporation', device=
21	pci0:255:16:6(none20), class=dasp, vendor='Intel Corporation', device=
22	pci0:255:16:7(none21), class=base peripheral, vendor='Intel Corporation', device=
23	pci0:255:18:0(none22), class=base peripheral, vendor='Intel Corporation', device=
24	pci0:255:18:1(none23), class=dasp, vendor='Intel Corporation', device=
25	pci0:255:19:0(none24), class=base peripheral, vendor='Intel Corporation', device=
26	pci0:255:19:1(none25), class=base peripheral, vendor='Intel Corporation', device=
27	pci0:255:19:2(none26), class=base peripheral, vendor='Intel Corporation', device=
28	pci0:255:19:3(none27), class=base peripheral, vendor='Intel Corporation', device=
29	pci0:255:19:4(none28), class=base peripheral, vendor='Intel Corporation', device=
30	pci0:255:19:5(none29), class=base peripheral, vendor='Intel Corporation', device=
31	pci0:255:19:6(none30), class=base peripheral, vendor='Intel Corporation', device=
32	pci0:255:19:7(none31), class=base peripheral, vendor='Intel Corporation', device=
33	pci0:255:20:0(none32), class=base peripheral, vendor='Intel Corporation', device=
34	pci0:255:20:1(none33), class=base peripheral, vendor='Intel Corporation', device=
35	pci0:255:20:2(none34), class=base peripheral, vendor='Intel Corporation', device=
36	pci0:255:20:3(none35), class=base peripheral, vendor='Intel Corporation', device=
37	pci0:255:20:6(none36), class=base peripheral, vendor='Intel Corporation', device=
38	pci0:255:20:7(none37), class=base peripheral, vendor='Intel Corporation', device=
39	pci0:255:21:0(none38), class=base peripheral, vendor='Intel Corporation', device=
40	pci0:255:21:1(none39), class=base peripheral, vendor='Intel Corporation', device=

41	pci0:255:21:2(none40), class=base peripheral, vendor='Intel Corporation', device=
42	pci0:255:21:3(none41), class=base peripheral, vendor='Intel Corporation', device=
43	pci0:255:22:0(none42), class=base peripheral, vendor='Intel Corporation', device=
44	pci0:255:22:6(none43), class=base peripheral, vendor='Intel Corporation', device=
45	pci0:255:22:7(none44), class=base peripheral, vendor='Intel Corporation', device=
46	pci0:255:23:0(none45), class=base peripheral, vendor='Intel Corporation', device=
47	pci0:255:23:4(none46), class=base peripheral, vendor='Intel Corporation', device=
48	pci0:255:23:5(none47), class=base peripheral, vendor='Intel Corporation', device=
49	pci0:255:23:6(none48), class=base peripheral, vendor='Intel Corporation', device=
50	pci0:255:23:7(none49), class=base peripheral, vendor='Intel Corporation', device=
51	pci0:255:30:0(none50), class=base peripheral, vendor='Intel Corporation', device=
52	pci0:255:30:1(none51), class=base peripheral, vendor='Intel Corporation', device=
53	pci0:255:30:2(none52), class=base peripheral, vendor='Intel Corporation', device=
54	pci0:255:30:3(none53), class=base peripheral, vendor='Intel Corporation', device=
55	pci0:255:30:4(none54), class=base peripheral, vendor='Intel Corporation', device=
56	pci0:255:31:0(none55), class=base peripheral, vendor='Intel Corporation', device=
57	pci0:255:31:2(none56), class=base peripheral, vendor='Intel Corporation', device=
58	pci0:127:8:0(none57), class=base peripheral, vendor='Intel Corporation', device=
59	pci0:127:8:2(none58), class=dasp, vendor='Intel Corporation', device=
60	pci0:127:8:3(none59), class=base peripheral, vendor='Intel Corporation', device=
61	pci0:127:11:0(none60), class=base peripheral, vendor='Intel Corporation', device=
62	pci0:127:11:1(none61), class=dasp, vendor='Intel Corporation', device=
63	pci0:127:11:2(none62), class=dasp, vendor='Intel Corporation', device=
64	pci0:127:12:0(none63), class=base peripheral, vendor='Intel Corporation', device=
65	pci0:127:12:1(none64), class=base peripheral, vendor='Intel Corporation', device=
66	pci0:127:12:2(none65), class=base peripheral, vendor='Intel Corporation', device=
67	pci0:127:12:3(none66), class=base peripheral, vendor='Intel Corporation', device=
68	pci0:127:12:4(none67), class=base peripheral, vendor='Intel Corporation', device=
69	pci0:127:12:5(none68), class=base peripheral, vendor='Intel Corporation', device=
70	pci0:127:15:0(none69), class=base peripheral, vendor='Intel Corporation', device=
71	pci0:127:15:1(none70), class=base peripheral, vendor='Intel Corporation', device=
72	pci0:127:15:4(none71), class=base peripheral, vendor='Intel Corporation', device=
73	pci0:127:15:5(none72), class=base peripheral, vendor='Intel Corporation', device=
74	pci0:127:15:6(none73), class=base peripheral, vendor='Intel Corporation', device=
75	pci0:127:16:0(none74), class=base peripheral, vendor='Intel Corporation', device=
76	pci0:127:16:1(none75), class=dasp, vendor='Intel Corporation', device=
77	pci0:127:16:5(none76), class=base peripheral, vendor='Intel Corporation', device=
78	pci0:127:16:6(none77), class=dasp, vendor='Intel Corporation', device=
79	pci0:127:16:7(none78), class=base peripheral, vendor='Intel Corporation', device=
80	pci0:127:18:0(none79), class=base peripheral, vendor='Intel Corporation', device=
81	pci0:127:18:1(none80), class=dasp, vendor='Intel Corporation', device=
82	pci0:127:19:0(none81), class=base peripheral, vendor='Intel Corporation', device=

83	pci0:127:19:1(none82), class=base peripheral, vendor='Intel Corporation', device=
84	pci0:127:19:2(none83), class=base peripheral, vendor='Intel Corporation', device=
85	pci0:127:19:3(none84), class=base peripheral, vendor='Intel Corporation', device=
86	pci0:127:19:4(none85), class=base peripheral, vendor='Intel Corporation', device=
87	pci0:127:19:5(none86), class=base peripheral, vendor='Intel Corporation', device=
88	pci0:127:19:6(none87), class=base peripheral, vendor='Intel Corporation', device=
89	pci0:127:19:7(none88), class=base peripheral, vendor='Intel Corporation', device=
90	pci0:127:20:0(none89), class=base peripheral, vendor='Intel Corporation', device=
91	pci0:127:20:1(none90), class=base peripheral, vendor='Intel Corporation', device=
92	pci0:127:20:2(none91), class=base peripheral, vendor='Intel Corporation', device=
93	pci0:127:20:3(none92), class=base peripheral, vendor='Intel Corporation', device=
94	pci0:127:20:6(none93), class=base peripheral, vendor='Intel Corporation', device=
95	pci0:127:20:7(none94), class=base peripheral, vendor='Intel Corporation', device=
96	pci0:127:21:0(none95), class=base peripheral, vendor='Intel Corporation', device=
97	pci0:127:21:1(none96), class=base peripheral, vendor='Intel Corporation', device=
98	pci0:127:21:2(none97), class=base peripheral, vendor='Intel Corporation', device=
99	pci0:127:21:3(none98), class=base peripheral, vendor='Intel Corporation', device=
100	pci0:127:22:0(none99), class=base peripheral, vendor='Intel Corporation', device=
101	pci0:127:22:6(none100), class=base peripheral, vendor='Intel Corporation', device=
102	pci0:127:22:7(none101), class=base peripheral, vendor='Intel Corporation', device=
103	pci0:127:23:0(none102), class=base peripheral, vendor='Intel Corporation', device=
104	pci0:127:23:4(none103), class=base peripheral, vendor='Intel Corporation', device=
105	pci0:127:23:5(none104), class=base peripheral, vendor='Intel Corporation', device=
106	pci0:127:23:6(none105), class=base peripheral, vendor='Intel Corporation', device=
107	pci0:127:23:7(none106), class=base peripheral, vendor='Intel Corporation', device=
108	pci0:127:30:0(none107), class=base peripheral, vendor='Intel Corporation', device=
109	pci0:127:30:1(none108), class=base peripheral, vendor='Intel Corporation', device=
110	pci0:127:30:2(none109), class=base peripheral, vendor='Intel Corporation', device=
111	pci0:127:30:3(none110), class=base peripheral, vendor='Intel Corporation', device=
112	pci0:127:30:4(none111), class=base peripheral, vendor='Intel Corporation', device=
113	pci0:127:31:0(none112), class=base peripheral, vendor='Intel Corporation', device=
114	pci0:127:31:2(none113), class=base peripheral, vendor='Intel Corporation', device=
115	pci0:0:0:0(hostb0), class=HOST-PCI, vendor='Intel Corporation', device=
116	pci0:0:1:0(pci3), class=PCI-PCI, vendor='Intel Corporation', device=
117	pci0:0:2:0(pci4), class=PCI-PCI, vendor='Intel Corporation', device=
118	pci0:0:3:0(pci5), class=PCI-PCI, vendor='Intel Corporation', device=
119	pci0:0:4:0(none114), class=base peripheral, vendor='Intel Corporation', device=
120	pci0:0:4:1(none115), class=base peripheral, vendor='Intel Corporation', device=
121	pci0:0:4:2(none116), class=base peripheral, vendor='Intel Corporation', device=
122	pci0:0:4:3(none117), class=base peripheral, vendor='Intel Corporation', device=
123	pci0:0:4:4(none118), class=base peripheral, vendor='Intel Corporation', device=
124	pci0:0:4:5(none119), class=base peripheral, vendor='Intel Corporation', device=

125	pci0:0:4:6(none120), class=base peripheral, vendor='Intel Corporation', device=
126	pci0:0:4:7(none121), class=base peripheral, vendor='Intel Corporation', device=
127	pci0:0:5:0(none122), class=base peripheral, vendor='Intel Corporation', device=
128	pci0:0:5:1(none123), class=base peripheral, vendor='Intel Corporation', device=
129	pci0:0:5:2(none124), class=base peripheral, vendor='Intel Corporation', device=
130	pci0:0:5:4(ioapic0), class=interrupt controller, vendor='Intel Corporation', device=
131	pci0:0:17:0(none125), class=, vendor='Intel Corporation', device=
132	pci0:0:20:0(xhci0), class=USB, vendor='Intel Corporation', device=
133	pci0:0:22:0(none126), class=simple comms, vendor='Intel Corporation', device=
134	pci0:0:22:1(none127), class=simple comms, vendor='Intel Corporation', device=
135	pci0:0:26:0(ehci0), class=USB, vendor='Intel Corporation', device=
136	pci0:0:28:0(pcib6), class=PCI-PCI, vendor='Intel Corporation', device=
137	pci0:0:28:2(pcib7), class=PCI-PCI, vendor='Intel Corporation', device=
138	pci0:0:28:3(pcib8), class=PCI-PCI, vendor='Intel Corporation', device=
139	pci0:0:29:0(ehci1), class=USB, vendor='Intel Corporation', device=
140	pci0:0:31:0(isab0), class=PCI-ISA, vendor='Intel Corporation', device=
141	pci0:0:31:2(ahci0), class=SATA, vendor='Intel Corporation', device=
142	pci0:0:31:3(none128), class=SMBus, vendor='Intel Corporation', device=
143	pci0:1:0:0(mrsas0), class=RAID, vendor='LSI Logic / Symbios Logic', device='MegaRAID SAS-3 3108 [Invader]'
144	pci0:97:0:0(bge0), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5720 Gigabit Ethernet PCIe'
145	pci0:97:0:1(bge1), class=ethernet, vendor='Broadcom Corporation', device='NetXtreme BCM5720 Gigabit Ethernet PCIe'
146	pci0:98:0:0(vgapci0), class=VGA, vendor='Matrox Electronics Systems Ltd.', device='MGA G200e [Pilot] ServerEngines (SEP1)'
147	pci0:128:0:0(pcib10), class=PCI-PCI, vendor='Intel Corporation', device=
148	pci0:128:1:0(pcib11), class=PCI-PCI, vendor='Intel Corporation', device=
149	pci0:128:2:0(pcib12), class=PCI-PCI, vendor='Intel Corporation', device=
150	pci0:128:3:0(pcib13), class=PCI-PCI, vendor='Intel Corporation', device=
151	pci0:128:4:0(none129), class=base peripheral, vendor='Intel Corporation', device=
152	pci0:128:4:1(none130), class=base peripheral, vendor='Intel Corporation', device=
153	pci0:128:4:2(none131), class=base peripheral, vendor='Intel Corporation', device=
154	pci0:128:4:3(none132), class=base peripheral, vendor='Intel Corporation', device=
155	pci0:128:4:4(none133), class=base peripheral, vendor='Intel Corporation', device=
156	pci0:128:4:5(none134), class=base peripheral, vendor='Intel Corporation', device=
157	pci0:128:4:6(none135), class=base peripheral, vendor='Intel Corporation', device=
158	pci0:128:4:7(none136), class=base peripheral, vendor='Intel Corporation', device=
159	pci0:128:5:0(none137), class=base peripheral, vendor='Intel Corporation', device=
160	pci0:128:5:1(none138), class=base peripheral, vendor='Intel Corporation', device=
161	pci0:128:5:2(none139), class=base peripheral, vendor='Intel Corporation', device=
162	pci0:128:5:4(ioapic1), class=interrupt controller, vendor='Intel Corporation', device=

メモリ認識データ

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

83	0xfa000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
84	0xfb000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
85	0xfc000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
86	0xfd000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
87	0xfe000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
88	0xff000/0x1000 BIOS write-protect fixed-base fixed-length set-by-firmware active
89	0x80000000/0x80000000 BIOS uncacheable set-by-firmware active
90	0x380000000000/0x8000000000 BIOS uncacheable set-by-firmware active
91	0xc5000000/0x1000000 BIOS write-through set-by-firmware active
92	0xc6000000/0x1000000 BIOS write-through set-by-firmware active

動作検証レポート 詳細データ

詳細データ

カーネル環境変数データ詳細一覧

```
LINES="24"
boot_multicons="YES"
bootfile="kernel"
comconsole_pcidev=""
comconsole_port="760"
comconsole_speed="19200"
console="comconsole,vidconsole"
currdev="disk0p2:"
hint.acpi.0.oem="AMI"
hint.acpi.0.revision="2"
hint.acpi.0.rsdp="0x000f0530"
hint.acpi.0.rsdt="0x7b0d4028"
hint.acpi.0.xsdt="0x00000007b0d4088"
hint.acpi.0.xsdt_length="36"
hint.atkbd.0.at="atkbd"
hint.atkbd.0.irq="1"
hint.atkbd.0.at="isa"
hint.atkbd.0.port="0x060"
hint.atrtc.0.at="isa"
hint.atrtc.0.irq="8"
hint.atrtc.0.port="0x70"
hint.attimer.0.at="isa"
hint.attimer.0.irq="0"
hint.attimer.0.port="0x40"
hint.fdc.0.at="fdc0"
hint.fdc.0.drive="0"
hint.fdc.1.at="fdc0"
hint.fdc.1.drive="1"
hint.fdc.0.at="isa"
hint.fdc.0.drq="2"
hint.fdc.0.irq="6"
hint.fdc.0.port="0x3F0"
hint.ppc.0.at="isa"
hint.ppc.0.irq="7"
hint.psm.0.at="atkbd"
hint.psm.0.irq="12"
hint.sc.0.at="isa"
hint.sc.0.flags="0x100"
hint.uart.0.at="isa"
hint.uart.0.flags="0x10"
hint.uart.0.irq="4"
hint.uart.0.port="0x3F8"
hint.uart.1.at="isa"
hint.uart.1.irq="3"
hint.uart.1.port="0x2F8"
hint.wbwd.0.at="isa"
hw.mfi.mrsas_enable="1"
hw.uart.console="io:760,br:19200"
interpret="OK"
kernel="kernel"
kernel[0]="kernel"
kernel[1]="kernel.old"
kernel_options=""
kernelname="/boot/kernel/kernel"
loaddev="disk0p2:"
loader_conf_files="/boot/device.hints /boot/loader.conf /boot/loader.conf.local"
mac_ifoff="NO"
module_path="/boot/kernel;/boot/modules"
smbios.bios.reldate="12/19/2014"
smbios.bios.vendor="American Megatrends Inc."
smbios.bios.version="5.0.0005"
smbios.chassis.maker="NEC"
smbios.chassis.serial="01"
smbios.chassis.tag="-----"
smbios.chassis.version="856-857754-001"
smbios.memory.enabled="67108864"
smbios.planar.maker="GIGABYTE"
smbios.planar.product="GA-7WESV-NJ"
smbios.planar.serial="0EKCS2000107"
smbios.planar.version="1.1A"
smbios.socket.enabled="2"
smbios.socket.populated="2"
smbios.system.maker="NEC"
smbios.system.product="Express5800/R120f-2E [N8100-2263Y]"
smbios.system.serial="5300109"
```

```
smbios.system.uuid="cea56917-f9c1-e411-8001-fca14a3c4c1"  
smbios.system.version="FR1.3"  
smbios.version="2.7"  
temp_options=""  
vfs.root.mountfrom="ufs:/dev/da0p2"  
vfs.root.mountfrom.options="rw"
```

カーネルステートデータ詳細一覧

```
kern.ostype: FreeBSD
kern.osrelease: 10.1-RELEASE
kern.osrevision: 199506
kern.version: FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014
root@releagl.nyi.freebsd.org:/usr/obj/usr/src/sys/GENERIC
kern.maxvnodes: 1163887
kern.maxproc: 70820
kern.maxfiles: 2093733
kern.argmax: 262144
kern.securelevel: -1
kern.hostname: cyangem.bsdconsulting.co.jp
kern.hostid: 2767090966
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 = 1435024001, usec = 522932 } Tue Jun 23 10:46:41 2015
kern.domainname:
kern.osreldate: 1001000
kern.bootfile: /boot/kernel/kernel
kern.maxfilesperproc: 1884357
kern.maxprocperuid: 63738
kern.ipc.maxsockbuf: 2097152
kern.ipc.sockbuf_waste_factor: 8
kern.ipc.max_linkhdr: 16
kern.ipc.max_protohdr: 60
kern.ipc.max_hdr: 76
kern.ipc.max_datalen: 92
kern.ipc.maxmbufmem: 33401710592
kern.ipc.nmbclusters: 4077358
kern.ipc.nmbjumbop: 2038678
kern.ipc.nmbjumbo9: 1812156
kern.ipc.nmbjumbo16: 1359116
kern.ipc.nmbufs: 26095095
kern.ipc.maxpipekva: 1071988736
kern.ipc.pipekva: 0
kern.ipc.piperefragetry: 0
kern.ipc.pipeallocfail: 0
kern.ipc.piperesizefail: 0
kern.ipc.piperesizeallowed: 1
kern.ipc.msgmax: 16384
kern.ipc.msgmni: 40
kern.ipc.msgmnb: 2048
kern.ipc.msgql: 40
kern.ipc.msgsz: 8
kern.ipc.msgseg: 2048
kern.ipc.semni: 50
kern.ipc.semms: 340
kern.ipc.semnu: 150
kern.ipc.semmsl: 340
kern.ipc.semopm: 100
kern.ipc.semume: 50
kern.ipc.semusz: 632
kern.ipc.semvmx: 32767
kern.ipc.semaem: 16384
kern.ipc.shmmax: 536870912
kern.ipc.shmmni: 1
kern.ipc.shmmni: 192
kern.ipc.shmsegs: 128
kern.ipc.shmall: 131072
kern.ipc.shm_use_phys: 0
kern.ipc.shm_allow_removed: 0
kern.ipc.soacceptqueue: 128
kern.ipc.numopensockets: 12
kern.ipc.maxsockets: 2093735
kern.ipc.sendfile.readahead: 1
kern.dummy: 0
kern.ps_strings: 140737488351200
kern.usrstack: 140737488351232
kern.logsigexit: 1
kern.iov_max: 1024
kern.hostuuid: cea56917-f9c1-e411-8001-fcad14a3c4c1
kern.cam.sort_io_queues: 1
kern.cam.boot_delay: 0
kern.cam.num_doneqs: 3
kern.cam.dflags: 0
kern.cam.debug_delay: 0
kern.cam.pmp.retry_count: 1
kern.cam.pmp.default_timeout: 30
kern.cam.pmp.hide_special: 1
kern.cam.cam_srch_hi: 0
kern.cam.scsi_delay: 5000
kern.cam.cd.poll_period: 3
kern.cam.cd.retry_count: 4
```



```
kern.cam.cd.timeout: 30000
kern.cam.cd.0.minimum_cmd_size: 6
kern.cam.ada.legacy_aliases: 1
kern.cam.ada.retry_count: 4
kern.cam.ada.default_timeout: 30
kern.cam.ada.send_ordered: 1
kern.cam.ada.spindown_shutdown: 1
kern.cam.ada.spindown_suspend: 1
kern.cam.ada.read_ahead: 1
kern.cam.ada.write_cache: 1
kern.cam.da.poll_period: 3
kern.cam.da.retry_count: 4
kern.cam.da.default_timeout: 60
kern.cam.da.send_ordered: 1
kern.cam.da.0.delete_method: NONE
kern.cam.da.0.delete_max: 131072
kern.cam.da.0.minimum_cmd_size: 6
kern.cam.da.0.sort_io_queue: -1
kern.cam.da.0.error_inject: 0
kern.cam.enc.emulate_array_devices: 1
kern.random.adaptors: dummy,yarrow
kern.random.active_adaptor: yarrow
kern.random.live_entropy_sources: Hardware, Intel Secure Key RNG
kern.random.yarrow.gengateinterval: 10
kern.random.yarrow.bins: 10
kern.random.yarrow.fastthresh: 96
kern.random.yarrow.slowthresh: 128
kern.random.yarrow.slowoverthresh: 2
kern.random.sys.seeded: 1
kern.random.sys.harvest.ethernet: 1
kern.random.sys.harvest.point_to_point: 1
kern.random.sys.harvest.interrupt: 1
kern.random.sys.harvest.swi: 1
kern.vt.enable_altgr: 1
kern.vt.debug: 0
kern.vt.deadtimer: 15
kern.vt.suspendswitch: 1
kern.vt.kbd_halt: 1
kern.vt.kbd_poweroff: 1
kern.vt.kbd_reboot: 1
kern.vt.kbd_debug: 1
kern.vt.kbd_panic: 0
kern.disks: da0 cd0
kern.geom.dev.delete_max_sectors: 262144
kern.geom.disk.cd0.led:
kern.geom.disk.da0.led:
kern.geom.transient_maps: 1011
kern.geom.transient_map_retries: 10
kern.geom.transient_map_hard_failures: 0
kern.geom.transient_map_soft_failures: 0
kern.geom.inflight_transient_maps: 0
kern.geom.confxml: <mesh>
kern.geom.confdot: digraph geom {
kern.geom.confxt: 0 DISK da0 899460104192 512 hd 255 sc 63
kern.geom.debugflags: 0
kern.geom.notaste: 0
kern.geom.collectstats: 1
kern.geom.label.debug: 0
kern.geom.label.ext2fs.enable: 1
kern.geom.label.iso9660.enable: 1
kern.geom.label.msdosfs.enable: 1
kern.geom.label.ntfs.enable: 1
kern.geom.label.reiserfs.enable: 1
kern.geom.label.ufsid.enable: 1
kern.geom.label.ufs.enable: 1
kern.geom.label.gpt.enable: 1
kern.geom.label.gptid.enable: 1
kern.geom.label.disk_ident.enable: 1
kern.geom.part.check_integrity: 1
kern.geom.part.mbr.enforce_chs: 1
kern.geom.raid.enable: 1
kern.geom.raid.aggressive_spare: 0
kern.geom.raid.debug: 0
kern.geom.raid.read_err_thresh: 10
kern.geom.raid.start_timeout: 30
kern.geom.raid.clean_time: 5
kern.geom.raid.disconnect_on_failure: 1
kern.geom.raid.name_format: 0
kern.geom.raid.idle_threshold: 1000000
kern.geom.raid.legacy_aliases: 1
kern.geom.raid.ddf.enable: 1
kern.geom.raid.intel.enable: 1
kern.geom.raid.jmicron.enable: 1
kern.geom.raid.nvidia.enable: 1
kern.geom.raid.promise.enable: 1
kern.geom.raid.sii.enable: 1
kern.geom.raid.concat.enable: 1
kern.geom.raid.raid0.enable: 1
kern.geom.raid.raid1.rebuild_slab_size: 1048576
kern.geom.raid.raid1.rebuild_fair_io: 20
kern.geom.raid.raid1.rebuild_cluster_idle: 100
```

```

kern.geom.raid.raid1.rebuild_meta_update: 1024
kern.geom.raid.raid1.enable: 1
kern.geom.raid.raid1e.rebuild_slab_size: 1048576
kern.geom.raid.raid1e.rebuild_fair_io: 20
kern.geom.raid.raid1e.rebuild_cluster_idle: 100
kern.geom.raid.raid1e.rebuild_meta_update: 1024
kern.geom.raid.raid1e.enable: 1
kern.geom.raid.raid5.enable: 1
kern.elf64.fallback_brand: -1
kern.elf64.nxstack: 1
kern.elf32.fallback_brand: -1
kern.elf32.nxstack: 1
kern.elf32.read_exec: 0
kern.init_path: /sbin/init:/sbin/oinit:/sbin/init.bak:/rescue/init
kern.init_shutdown_timeout: 120
kern.acct_suspend: 2
kern.acct_resume: 4
kern.acct_chkfreq: 15
kern.acct_configured: 0
kern.acct_suspended: 0
kern.cp_time: 261 0 2778 636 728993
kern.cp_times: 6 0 194 19 60974 17 0 582 193 60251 7 0 62 8 60966 22 0 420 0 60601 13 0 19 2 61009 41 0 675 4 60323 16 0 70 116 60841 17 0
106 5 60915 66 0 215 245 60517 13 0 132 6 60894 10 0 15 33 60985 33 0 288 5 60717
kern.console: ttyu1,ttyv0,/ttyv0,ttyu1,ttyv0,
kern.consmute: 0
kern.consmgbuf_size: 8192
kern.constty_wakeups_per_second: 5
kern.vty: sc
kern.openfiles: 52
kern.eventtimer.et.LAPIC.flags: 7
kern.eventtimer.et.LAPIC.frequency: 50001006
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: 350
kern.eventtimer.et.HPET1.flags: 3
kern.eventtimer.et.HPET1.frequency: 14318180
kern.eventtimer.et.HPET1.quality: 340
kern.eventtimer.et.HPET2.flags: 3
kern.eventtimer.et.HPET2.frequency: 14318180
kern.eventtimer.et.HPET2.quality: 340
kern.eventtimer.et.HPET3.flags: 3
kern.eventtimer.et.HPET3.frequency: 14318180
kern.eventtimer.et.HPET3.quality: 340
kern.eventtimer.et.HPET4.flags: 3
kern.eventtimer.et.HPET4.frequency: 14318180
kern.eventtimer.et.HPET4.quality: 340
kern.eventtimer.et.HPET5.flags: 3
kern.eventtimer.et.HPET5.frequency: 14318180
kern.eventtimer.et.HPET5.quality: 340
kern.eventtimer.et.HPET6.flags: 3
kern.eventtimer.et.HPET6.frequency: 14318180
kern.eventtimer.et.HPET6.quality: 340
kern.eventtimer.et.HPET7.flags: 3
kern.eventtimer.et.HPET7.frequency: 14318180
kern.eventtimer.et.HPET7.quality: 340
kern.eventtimer.choice: LAPIC(600) HPET(350) HPET1(340) HPET2(340) HPET3(340) HPET4(340) HPET5(340) HPET6(340) HPET7(340) i8254(100) RTC(0)
kern.eventtimer.singlemul: 2
kern.eventtimer.idletick: 0
kern.eventtimer.timer: LAPIC
kern.eventtimer.periodic: 0
kern.kq_calloutmax: 4096
kern.stackprot: 7
kern.ps_arg_cache_limit: 256
kern.disallow_high_osrel: 0
kern.lastpid: 887
kern.randompid: 0
kern.ktrace.genio_size: 4096
kern.ktrace.request_pool: 100
kern.module_path: /boot/kernel;/boot/modules
kern.malloc_count: 357
kern.ident: GENERIC
kern.compiler_version: FreeBSD clang version 3.4.1 (tags/RELEASE_34/dot1-final 208032) 20140512
kern.maxusers: 4425
kern.supported_archs: amd64 i386
kern.conftxt: options CONFIG_AUTOGENERATED
kern.features.scbus: 1
kern.features.compat_freebsd_32bit: 1
kern.features.ata_cam: 1
kern.features.nfscl: 1
kern.features.nfsd: 1
kern.features.geom_label: 1
kern.features.geom_part_bsd: 1
kern.features.geom_part_ebr: 1
kern.features.geom_part_ebr_compat: 1

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kern.features.geom_part_gpt: 1
kern.features.geom_part_mbr: 1
kern.features.kposix_priority_scheduling: 1
kern.features.kdtrace_hooks: 1
kern.features.ktrace: 1
kern.features.compat_freebsd4: 1
kern.features.compat_freebsd5: 1
kern.features.compat_freebsd6: 1
kern.features.compat_freebsd7: 1
kern.features.hwpmc_hooks: 1
kern.features.stack: 1
kern.features.security_capability_mode: 1
kern.features.security_capabilities: 1
kern.features.process_descriptors: 1
kern.features.sysv_msg: 1
kern.features.sysv_sem: 1
kern.features.sysv_shm: 1
kern.features.posix_shm: 1
kern.features.inet: 1
kern.features.sctp: 1
kern.features.inet6: 1
kern.features.audit: 1
kern.features.security_mac: 1
kern.features.uffs_snapshot: 1
kern.features.softupdates: 1
kern.features.ufs_acl: 1
kern.features.ufs_gjournal: 1
kern.features.ufs_quota: 1
kern.features.ufs_quota64: 1
kern.pid_max: 99999
kern.fallback_elf_brand: -1
kern.hwpmc.softevents: 16
kern.kstack_pages: 4
kern.proc_vmap_skip_resident_count: 0
kern.panic_reboot_wait_time: 15
kern.sync_on_panic: 0
kern.shutdown.show_busybufs: 0
kern.shutdown.poweroff_delay: 5000
kern.shutdown.kproc_shutdown_wait: 60
kern.shutdown.dumpdevname: da0p3
kern.forcesigexit: 1
kern.sigqueue.max_pending_per_proc: 128
kern.sigqueue.preallocate: 1024
kern.sigqueue.overflow: 0
kern.sigqueue.alloc_fail: 0
kern.sugid_coredump: 0
kern.capmode_coredump: 0
kern.coredump: 1
kern.nodump_coredump: 0
kern.corefile: %N.core
kern.fscale: 2048
kern.timecounter.tc.i8254.mask: 65535
kern.timecounter.tc.i8254.counter: 41184
kern.timecounter.tc.i8254.frequency: 1193182
kern.timecounter.tc.i8254.quality: 0
kern.timecounter.tc.HPET.mask: 4294967295
kern.timecounter.tc.HPET.counter: 409183247
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: 14789759
kern.timecounter.tc.ACPI-fast.frequency: 3579545
kern.timecounter.tc.ACPI-fast.quality: 900
kern.timecounter.tc.TSC.mask: 4294967295
kern.timecounter.tc.TSC.counter: 2700953128
kern.timecounter.tc.TSC.frequency: 1600031820
kern.timecounter.tc.TSC.quality: 1000
kern.timecounter.stepwarnings: 0
kern.timecounter.alloweddeviation: 5
kern.timecounter.hardware: TSC
kern.timecounter.choice: TSC(1000) ACPI-fast(900) HPET(950) i8254(0) dummy(-1000000)
kern.timecounter.tick: 1
kern.timecounter.fast_gettime: 1
kern.timecounter.invariant_tsc: 1
kern.timecounter.smp_tsc: 1
kern.timecounter.smp_tsc_adjust: 0
kern.timecounter.tsc_shift: 1
kern.threads.max_threads_per_proc: 1500
kern.threads.max_threads_hits: 0
kern.ncallout: 18508
kern.callout_stat: 0
kern.sched.cpusetsize: 8
kern.sched.preemption: 1
kern.sched.name: ULE
kern.sched.quantum: 94488
kern.sched.slice: 12
kern.sched.interact: 30
kern.sched.preempt_thresh: 80
kern.sched.static_boost: 152
kern.sched.idlespins: 10000
kern.sched.idlespinthresh: 157

```

kern.sched.affinity: 1
kern.sched.balance: 1
kern.sched.balance_interval: 127
kern.sched.steal_idle: 1
kern.sched.steal_thresh: 2
kern.sched.topology_spec: <groups>
kern.ccpu: 0
kern.devstat.numdevs: 5
kern.devstat.generation: 152
kern.devstat.version: 6
kern.hintmode: 0
kern.kobj_methodcount: 229
kern.log_wakeups_per_second: 5
kern.msgbuf_show_timestamp: 0
kern.hz: 1000
kern.nbuf: 105931
kern.nswbuf: 256
kern.msgbufsize: 98304
kern.maxswzone: 0
kern.maxbcache: 0
kern.bio_transient_maxcnt: 1024
kern.maxtsiz: 134217728
kern.dfldsiz: 34359738368
kern.maxdsiz: 34359738368
kern.dflssiz: 8388608
kern.maxssiz: 536870912
kern.sgrowsiz: 131072
kern.vm_guest: none
kern.log_console_output: 1
kern.log_console_add_linefeed: 0
kern.always_console_output: 0
kern.msgbuf:
kern.msgbuf_clear: 0
kern.smp.maxid: 11
kern.smp.maxcpus: 64
kern.smp.active: 1
kern.smp.disabled: 0
kern.smp.cpus: 12
kern.smp.topology: 0
kern.smp.forward_signal_enabled: 1
kern.tty_inq_flush_secure: 1
kern.tty_nin: 189
kern.tty_nout: 10517
kern.filedelay: 30
kern.dirdelay: 29
kern.metadelat: 28
kern.minvnodes: 290971
kern.chroot_allow_open_directories: 1
vm.vmtotal:
System wide totals computed every five seconds: (values in kilobytes)
Processes:          (RUNQ: 1 Disk Wait: 0 Page Wait: 0 Sleep: 18)
Virtual Memory:    (Total: 425264K Active: 413408K)
Real Memory:       (Total: 223252K Active: 25336K)
Shared Virtual Memory: (Total: 5448K Active: 5448K)
Shared Real Memory: (Total: 5080K Active: 5080K)
Free Memory:       64828492K
vm.loadavg: { 0.33 0.19 0.11 }
vm.v_free_min: 102832
vm.v_free_target: 347470
vm.v_free_reserved: 21286
vm.v_inactive_target: 521205
vm.v_cache_min: 0
vm.v_cache_max: 0
vm.v_pageout_free_min: 34
vm.swap_enabled: 1
vm.md_malloc_wait: 0
vm.kmem_size: 66803421184
vm.kmem_zmax: 65536
vm.kmem_size_min: 0
vm.kmem_size_max: 1319413950874
vm.kmem_size_scale: 1
vm.kmem_map_size: 94306304
vm.kmem_map_free: 66709114880
vm.swap_total: 3959386112
vm.swap_reserved: 215949312
vm.overcommit: 0
vm.swzone: 2348557632
vm.swap_maxpages: 260950848
vm.swap_async_max: 4
vm.dmmmax: 32
vm.nswapdev: 1
vm.zone_count: 106
vm.zone_warnings: 1
vm.kstack_cache_size: 128
vm.kstacks: 146
vm.swap_idle_threshold1: 2
vm.swap_idle_threshold2: 10
vm.exec_map_entries: 16
vm.min_kernel_address: 18446741874686296064
vm.max_kernel_address: 18446744073709547520
vm.v_free_severe: 62059

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```

vm.stats.sys.v_swch: 5331102
vm.stats.sys.v_trap: 78340
vm.stats.sys.v_syscall: 6805950
vm.stats.sys.v_intr: 11214
vm.stats.sys.v_soft: 961585
vm.stats.vm.v_vm_faults: 74540
vm.stats.vm.v_io_faults: 391
vm.stats.vm.v_cow_faults: 27350
vm.stats.vm.v_cow_optim: 139
vm.stats.vm.v_zfod: 38790
vm.stats.vm.v_ozfod: 0
vm.stats.vm.v_swapin: 0
vm.stats.vm.v_swapout: 0
vm.stats.vm.v_swappgsin: 0
vm.stats.vm.v_swappgsout: 0
vm.stats.vm.v_vnodein: 453
vm.stats.vm.v_vnodeout: 0
vm.stats.vm.v_vnodepgsin: 3148
vm.stats.vm.v_vnodepgsout: 0
vm.stats.vm.v_intrans: 0
vm.stats.vm.v_reactivated: 0
vm.stats.vm.v_pdwakeups: 0
vm.stats.vm.v_pdpages: 2287
vm.stats.vm.v_tcached: 0
vm.stats.vm.v_dfree: 0
vm.stats.vm.v_pfree: 45859
vm.stats.vm.v_tfree: 284593
vm.stats.vm.v_page_size: 4096
vm.stats.vm.v_page_count: 16309429
vm.stats.vm.v_free_reserved: 21286
vm.stats.vm.v_free_target: 347470
vm.stats.vm.v_free_min: 102832
vm.stats.vm.v_free_count: 16207123
vm.stats.vm.v_wire_count: 95040
vm.stats.vm.v_active_count: 3211
vm.stats.vm.v_inactive_target: 521205
vm.stats.vm.v_inactive_count: 4054
vm.stats.vm.v_cache_count: 0
vm.stats.vm.v_cache_min: 0
vm.stats.vm.v_cache_max: 0
vm.stats.vm.v_pageout_free_min: 34
vm.stats.vm.v_interrupt_free_min: 2
vm.stats.vm.v_forks: 655
vm.stats.vm.v_vforks: 215
vm.stats.vm.v_rforks: 0
vm.stats.vm.v_kthreads: 17
vm.stats.vm.v_forkpages: 24445
vm.stats.vm.v_vforkpages: 8201
vm.stats.vm.v_rforkpages: 0
vm.stats.vm.v_kthreadpages: 0
vm.stats.misc.zero_page_count: 60
vm.stats.misc.cnt_prezero: 0
vm.stats.object.collapses: 2091
vm.stats.object.bypasses: 250
vm.old_mlock: 0
vm.old_msync: 0
vm.boot_pages: 64
vm.tryrelock_restart: 0
vm.pageout_wakeup_thresh: 113113
vm.max_laundry: 32
vm.pageout_update_period: 600
vm.lowmem_period: 10
vm.swap_idle_enabled: 0
vm.defer_swapspace_pageouts: 0
vm.disable_swapspace_pageouts: 0
vm.pageout_lock_miss: 0
vm.max_wired: 5410021
vm.phys_free:
DOMAIN 0:
FREE LIST 0:
FREE LIST 1:
vm.phys_segs:
SEGMENT 0:
start:    0x10000
end:      0x96000
domain:   0
free list: 0xffffffff815d14b8
SEGMENT 1:
start:    0x100000
end:      0x200000
domain:   0
free list: 0xffffffff815d14b8
SEGMENT 2:
start:    0x197b000
end:      0x7ab04000
domain:   0
free list: 0xffffffff815d1110
SEGMENT 3:
start:    0x7bd5d000
end:      0x7bd5e000
domain:   0

```

```

free list: 0xffffffff815d1110
SEGMENT 4:
start:    0x7bde4000
end:      0x7c000000
domain:   0
free list: 0xffffffff815d1110
SEGMENT 5:
start:    0x100000000
end:      0x1014789000
domain:   0
free list: 0xffffffff815d1110
vm.ndomains: 1
vm.reserv.broken: 0
vm.reserv.freed: 3722
vm.reserv.partpopq:
-1: 137684K, 77
vm.reserv.reclaimed: 0
vm.idlezero_enable: 0
vm.pmap.pat_works: 1
vm.pmap.pg_ps_enabled: 1
vm.pmap.pcid_enabled: 0
vm.pmap.invpcid_works: 0
vm.pmap.pcid_save_cnt: 0
vm.pmap.pde.demotions: 363
vm.pmap.pde.mappings: 0
vm.pmap.pde.p_failures: 111
vm.pmap.pde.promotions: 607
vm.pmap.pdpe.demotions: 3
vm.kvm_size: 2199023251456
vm.kvm_free: 2129127272448
vfs.ufs.dirhash_minsize: 2560
vfs.ufs.dirhash_maxmem: 27111424
vfs.ufs.dirhash_mem: 56839
vfs.ufs.dirhash_docheck: 0
vfs.ufs.dirhash_lowmemcount: 0
vfs.ufs.dirhash_reclaimage: 60
vfs.ufs.rename_restarts: 0
vfs.nfs.downdelayinitial: 12
vfs.nfs.downdelayinterval: 30
vfs.nfs.bufpackets: 4
vfs.nfs.reconnects: 0
vfs.nfs.nfs3_jukebox_delay: 10
vfs.nfs.skip_wcc_data_onerr: 1
vfs.nfs.realign_test: 0
vfs.nfs.realign_count: 0
vfs.nfs.callback_addr:
vfs.nfs.debuglevel: 0
vfs.nfs.access_cache_timeout: 60
vfs.nfs.prime_access_cache: 0
vfs.nfs.commit_on_close: 0
vfs.nfs.clean_pages_on_close: 1
vfs.nfs.nfs_directio_enable: 0
vfs.nfs.nfs_keep_dirty_on_error: 0
vfs.nfs.nfs_directio_allow_mmap: 1
vfs.nfs.nfs_ip_paranoia: 1
vfs.nfs.diskless_valid: 0
vfs.nfs.diskless_rootpath:
vfs.nfs.iodmaxidle: 120
vfs.nfs.iodmin: 0
vfs.nfs.iodmax: 20
vfs.nfs.defect: 0
vfs.devfs.generation: 135
vfs.devfs.rule_depth: 1
vfs.nfsd.disable_checkutf8: 0
vfs.nfsd.nfs_privport: 0
vfs.nfsd.server_min_nfsvers: 2
vfs.nfsd.server_max_nfsvers: 4
vfs.nfsd.async: 0
vfs.nfsd.mirrormnt: 1
vfs.nfsd.commit_blks: 0
vfs.nfsd.commit_miss: 0
vfs.nfsd.issue_delegations: 0
vfs.nfsd.enable_locallocks: 0
vfs.nfsd.debuglevel: 0
vfs.nfsd.enable_stringtoid: 0
vfs.nfsd.tcphighwater: 0
vfs.nfsd.udphighwater: 500
vfs.nfsd.tpcachetimeo: 43200
vfs.nfsd.cachetcp: 1
vfs.nfsd.minthreads: 1
vfs.nfsd.maxthreads: 1
vfs.nfsd.threads: 0
vfs.nfsd.groups: 1
vfs.nfsd.request_space_used: 0
vfs.nfsd.request_space_used_highest: 0
vfs.nfsd.request_space_high: 47185920
vfs.nfsd.request_space_low: 31457280
vfs.nfsd.request_space_throttled: 0
vfs.nfsd.request_space_throttle_count: 0
vfs.nfsd.fha.enable: 1
vfs.nfsd.fha.bin_shift: 22

```

vfs.nfsd.fha.max_nfsds_per_fh: 8
vfs.nfsd.fha.max_reqs_per_nfsd: 0
vfs.nfsd.fha.fhe_stats: No file handle entries.
vfs.pfs.trace: 0
vfs.pfs.vncache.entries: 0
vfs.pfs.vncache.maxentries: 0
vfs.pfs.vncache.hits: 0
vfs.pfs.vncache.misses: 0
vfs.acl_nfs4_old_semantics: 0
vfs.vmioldirenable: 1
vfs.runningbufspace: 0
vfs.bufspace: 26263552
vfs.unmapped_bufspace: 20512768
vfs.maxbufspace: 1735573504
vfs.bufmallospace: 0
vfs.maxmallocbufspace: 86745907
vfs.lobufspace: 1734852608
vfs.hibufspace: 1734918144
vfs.bufreuscnt: 814
vfs.bufreekvacnt: 14
vfs.bufdefragcnt: 0
vfs.lorunningspace: 11206656
vfs.hirunningspace: 16777216
vfs.dirtybufferflushes: 0
vfs.bdwriteskip: 0
vfs.altbufferflushes: 0
vfs.recursiveflushes: 120
vfs.numdirtybuffers: 23
vfs.lodirtybuffers: 13251
vfs.hidirtybuffers: 26502
vfs.dirtybufthresh: 23851
vfs.numfreebuffers: 105908
vfs.lofreebuffers: 5890
vfs.hifreebuffers: 11780
vfs.getnewbufcalls: 860
vfs.getnewbufrestarts: 0
vfs.mappingrestarts: 0
vfs.flushbufqtarget: 100
vfs.notbufdflushes: 0
vfs.barrierwrites: 2
vfs.unmapped_buf_allowed: 1
vfs.flushwithdeps: 0
vfs.ncnegfactor: 16
vfs.ncsizefactor: 2
vfs.cache.numneg: 35
vfs.cache.numcache: 560
vfs.cache.numcalls: 59616
vfs.cache.dothits: 139
vfs.cache.dotdothits: 15
vfs.cache.numchecks: 57667
vfs.cache.nummiss: 1790
vfs.cache.nummisszap: 10
vfs.cache.numposzaps: 32
vfs.cache.numposhits: 47041
vfs.cache.numnegzaps: 272
vfs.cache.numneghits: 10314
vfs.cache.numupgrades: 5
vfs.cache.numfullpathcalls: 8
vfs.cache.numfullpathfail1: 0
vfs.cache.numfullpathfail2: 0
vfs.cache.numfullpathfail4: 0
vfs.cache.numfullpathfound: 8
vfs.write_behind: 1
vfs.read_max: 64
vfs.read_min: 1
vfs.tyenumhash: 1
vfs.lookup_shared: 1
vfs.usermount: 0
vfs.numvnodes: 895
vfs.wantfreevnodes: 290971
vfs.freevnodes: 128
vfs.vlru_allow_cache_src: 0
vfs.reassignbufcalls: 1213
vfs.timestamp_precision: 0
vfs.worklist_len: 8
vfs.ffi.doasyncfree: 1
vfs.ffi.doreallocblks: 1
vfs.ffi.compute_summary_at_mount: 0
net.local.stream.sendspace: 8192
net.local.stream.recvspace: 8192
net.local.dgram.maxdgram: 2048
net.local.dgram.recvspace: 4096
net.local.seqpacket.maxseqpacket: 8192
net.local.seqpacket.recvspace: 8192
net.local.inflight: 0
net.local.deferred: 0
net.local.recycled: 0
net.local.taskcount: 0
net.inet.ip.portrange.lowfirst: 1023
net.inet.ip.portrange.lowlast: 600
net.inet.ip.portrange.first: 10000

```
net.inet.ip.portrange.last: 65535
net.inet.ip.portrange.hifirst: 49152
net.inet.ip.portrange.hilast: 65535
net.inet.ip.portrange.reservedhigh: 1023
net.inet.ip.portrange.reservedlow: 0
net.inet.ip.portrange.randomized: 1
net.inet.ip.portrange.randomcps: 10
net.inet.ip.portrange.randomtime: 45
net.inet.ip.forwarding: 0
net.inet.ip.redirect: 1
net.inet.ip.ttl: 64
net.inet.ip.rtxpire: 3600
net.inet.ip.rtmixpire: 10
net.inet.ip.rtmxocache: 128
net.inet.ip.sourceroute: 0
net.inet.ip.intr_queue_maxlen: 256
net.inet.ip.intr_queue_drops: 0
net.inet.ip.accept_sourceroute: 0
net.inet.ip.keepfaith: 0
net.inet.ip.gifttl: 30
net.inet.ip.no_same_prefix: 0
net.inet.ip.random_id_period: 8192
net.inet.ip.random_id_collisions: 0
net.inet.ip.random_id_total: 0
net.inet.ip.mcast.maxgrpsrc: 512
net.inet.ip.mcast.maxsocksrc: 128
net.inet.ip.mcast.loop: 1
net.inet.ip.fastforwarding: 0
net.inet.ip.sendsourcequench: 0
net.inet.ip.random_id: 0
net.inet.ip.check_interface: 0
net.inet.ip.fragpackets: 0
net.inet.ip.maxfragsperpacket: 16
net.inet.ip.maxfragpackets: 127417
net.inet.ip.process_options: 1
net.inet.icmp.maskrepl: 0
net.inet.icmp.icmplim: 200
net.inet.icmp.icmplim_output: 1
net.inet.icmp.maskfake: 0
net.inet.icmp.log_redirect: 0
net.inet.icmp.reply_src:
net.inet.icmp.reply_from_interface: 0
net.inet.icmp.quotelen: 8
net.inet.icmp.bmcastecho: 0
net.inet.icmp.drop_redirect: 0
net.inet.igmp.recvifkludge: 1
net.inet.igmp.sendra: 1
net.inet.igmp.sendlocal: 1
net.inet.igmp.vlenable: 1
net.inet.igmp.v2enable: 1
net.inet.igmp.legacysupp: 0
net.inet.igmp.default_version: 3
net.inet.igmp.gsrdelay: 10
net.inet.tcp.rfc1323: 1
net.inet.tcp.mssdflt: 536
net.inet.tcp.keepidle: 7200000
net.inet.tcp.keepintvl: 75000
net.inet.tcp.sendspace: 32768
net.inet.tcp.recvspace: 65536
net.inet.tcp.keeppinit: 75000
net.inet.tcp.delacktime: 100
net.inet.tcp.v6mssdflt: 1220
net.inet.tcp.cc.algorithm: newreno
net.inet.tcp.cc.available: newreno
net.inet.tcp.hostcache.cachelimit: 15360
net.inet.tcp.hostcache.hashsize: 512
net.inet.tcp.hostcache.bucketlimit: 30
net.inet.tcp.hostcache.count: 1
net.inet.tcp.hostcache.expire: 3600
net.inet.tcp.hostcache.prune: 300
net.inet.tcp.hostcache.purge: 0
net.inet.tcp.log_in_vain: 0
net.inet.tcp.blackhole: 0
net.inet.tcp.delayed_ack: 1
net.inet.tcp.drop_synfin: 0
net.inet.tcp.rfc3042: 1
net.inet.tcp.rfc3390: 1
net.inet.tcp.experimental.initcwnd10: 1
net.inet.tcp.rfc3465: 1
net.inet.tcp.abc_l_var: 2
net.inet.tcp.ecn.enable: 0
net.inet.tcp.ecn.maxretries: 1
net.inet.tcp.insecure_rst: 0
net.inet.tcp.recvbuf_auto: 1
net.inet.tcp.recvbuf_inc: 16384
net.inet.tcp.recvbuf_max: 2097152
net.inet.tcp.path_mtu_discovery: 1
net.inet.tcp.tso: 1
net.inet.tcp.sendbuf_auto: 1
net.inet.tcp.sendbuf_inc: 8192
net.inet.tcp.sendbuf_max: 2097152
```



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net.inet.tcp.reass.maxsegments: 254900
net.inet.tcp.reass.cursegments: 0
net.inet.tcp.reass.overflow: 0
net.inet.tcp.sack.enable: 1
net.inet.tcp.sack.maxholes: 128
net.inet.tcp.sack.globalmaxholes: 65536
net.inet.tcp.sack.globalholes: 0
net.inet.tcp.minms: 216
net.inet.tcp.log_debug: 0
net.inet.tcp.tcbhashsize: 524288
net.inet.tcp.do_tcpdrain: 1
net.inet.tcp.pcbcount: 3
net.inet.tcp.icmp_may_rst: 1
net.inet.tcp.isn_reseed_interval: 0
net.inet.tcp.soreceive_stream: 0
net.inet.tcp.syncookies: 1
net.inet.tcp.syncookies_only: 0
net.inet.tcp.syncache.bucketlimit: 30
net.inet.tcp.syncache.cachelimit: 15375
net.inet.tcp.syncache.count: 0
net.inet.tcp.syncache.hashsize: 512
net.inet.tcp.syncache.rexmtlimit: 3
net.inet.tcp.syncache.rst_on_sock_fail: 1
net.inet.tcp.msl: 30000
net.inet.tcp.rexmit_min: 30
net.inet.tcp.rexmit_slop: 200
net.inet.tcp.always_keepalive: 1
net.inet.tcp.fast_finwait2_recycle: 0
net.inet.tcp.finwait2_timeout: 60000
net.inet.tcp.keepcnt: 8
net.inet.tcp.rexmit_drop_options: 0
net.inet.tcp.per_cpu_timers: 0
net.inet.tcp.timer_race: 0
net.inet.tcp.maxtcpw: 27767
net.inet.tcp.nolocaltimewait: 0
net.inet.udp.checksum: 1
net.inet.udp.maxdgram: 9216
net.inet.udp.recvspace: 42080
net.inet.udp.log_in_vain: 0
net.inet.udp.blackhole: 0
net.inet.sctp.sendspace: 1864135
net.inet.sctp.recvspace: 1864135
net.inet.sctp.auto_asconf: 1
net.inet.sctp.ecn_enable: 1
net.inet.sctp.pr_enable: 1
net.inet.sctp.auth_disable: 0
net.inet.sctp.asconf_enable: 1
net.inet.sctp.reconfig_enable: 1
net.inet.sctp.nr_sack_on_off: 0
net.inet.sctp.pktdrop_enable: 0
net.inet.sctp.strict_sacks: 1
net.inet.sctp.peer_chkoh: 256
net.inet.sctp.maxburst: 4
net.inet.sctp.fr_maxburst: 4
net.inet.sctp.maxchunks: 509669
net.inet.sctp.tcbhashsize: 1024
net.inet.sctp.pcbhashsize: 256
net.inet.sctp.min_split_point: 2904
net.inet.sctp.chunkscale: 10
net.inet.sctp.delayed_sack_time: 200
net.inet.sctp.sack_freq: 2
net.inet.sctp.sys_resource: 1000
net.inet.sctp.asoc_resource: 10
net.inet.sctp.heartbeat_interval: 30000
net.inet.sctp.pmtu_raise_time: 600
net.inet.sctp.shutdown_guard_time: 180
net.inet.sctp.secret_lifetime: 3600
net.inet.sctp.rto_max: 60000
net.inet.sctp.rto_min: 1000
net.inet.sctp.rto_initial: 3000
net.inet.sctp.init_rto_max: 60000
net.inet.sctp.valid_cookie_life: 60000
net.inet.sctp.init_rtx_max: 8
net.inet.sctp.assoc_rtx_max: 10
net.inet.sctp.path_rtx_max: 5
net.inet.sctp.path_pf_threshold: 65535
net.inet.sctp.add_more_on_output: 1452
net.inet.sctp.incoming_streams: 2048
net.inet.sctp.outgoing_streams: 10
net.inet.sctp.cmt_on_off: 0
net.inet.sctp.cmt_use_dac: 0
net.inet.sctp.cwnd_maxburst: 1
net.inet.sctp.nat_friendly: 1
net.inet.sctp.abc_l_var: 2
net.inet.sctp.max_chained_mbufs: 5
net.inet.sctp.do_sctp_drain: 1
net.inet.sctp.hb_max_burst: 4
net.inet.sctp.abort_at_limit: 0
net.inet.sctp.strict_data_order: 0
net.inet.sctp.min_residual: 1452
net.inet.sctp.max_retran_chunk: 30
```

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net.inet.sctp.log_level: 0
net.inet.sctp.default_cc_module: 0
net.inet.sctp.default_ss_module: 0
net.inet.sctp.default_frag_interleave: 1
net.inet.sctp.mobility_base: 0
net.inet.sctp.mobility_fasthandoff: 0
net.inet.sctp.udp_tunneling_port: 0
net.inet.sctp.enable_sack_immediately: 0
net.inet.sctp.nat_friendly_init: 0
net.inet.sctp.vtag_time_wait: 60
net.inet.sctp.buffer_splitting: 0
net.inet.sctp.initial_cwnd: 3
net.inet.sctp.rttvar_bw: 4
net.inet.sctp.rttvar_rtt: 5
net.inet.sctp.rttvar_eqret: 0
net.inet.sctp.rttvar_steady_step: 20
net.inet.sctp.use_dcccecn: 1
net.inet.sctp.blackhole: 0
net.inet.sctp.diag_info_code: 0
net.inet.raw.maxdgram: 9216
net.inet.raw.recvspace: 9216
net.inet.accf.unloadable: 0
net.link.generic.system.ifcount: 3
net.link.ether.inet.max_age: 1200
net.link.ether.inet.maxtries: 5
net.link.ether.inet.useloopback: 1
net.link.ether.inet.proxyall: 0
net.link.ether.inet.wait: 20
net.link.ether.inet.maxhold: 1
net.link.ether.inet.log_arp_wrong_iface: 1
net.link.ether.inet.log_arp_movements: 1
net.link.ether.inet.log_arp_permanent_modify: 1
net.link.ether.inet.allow_multicast: 0
net.link.ether.inet.max_log_per_second: 1
net.link.vlan.soft_pad: 0
net.link.gif.max_nesting: 1
net.link.gif.parallel_tunnels: 0
net.link.ifqmaxlen: 50
net.link.log_link_state_change: 1
net.link.tun.devfs_cloning: 1
net.inet6.ip6.forwarding: 0
net.inet6.ip6.redirect: 1
net.inet6.ip6.hlim: 64
net.inet6.ip6.maxfragpackets: 1019339
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.gihlim: 30
net.inet6.ip6.kame_version: FreeBSD
net.inet6.ip6.use_deprecated: 1
net.inet6.ip6.rr_prune: 5
net.inet6.ip6.v6only: 1
net.inet6.ip6.rtmaxcache: 128
net.inet6.ip6.use_tempaddr: 0
net.inet6.ip6.templtime: 86400
net.inet6.ip6.templtime: 604800
net.inet6.ip6.auto_linklocal: 1
net.inet6.ip6.prefer_tempaddr: 0
net.inet6.ip6.use_defaultzone: 0
net.inet6.ip6.maxfrags: 1019339
net.inet6.ip6.mcast_pmtu: 0
net.inet6.ip6.no_radr: 0
net.inet6.ip6.norbit_raif: 0
net.inet6.ip6.rfc6204w3: 0
net.inet6.ip6.mcast.maxgrpsrc: 512
net.inet6.ip6.mcast.maxsocksrc: 128
net.inet6.ip6.mcast.loop: 1
net.inet6.ip6.deembed_scopeid: 1
net.inet6.icmp6.rediraccept: 1
net.inet6.icmp6.redirtimeout: 600
net.inet6.icmp6.nd6_prune: 1
net.inet6.icmp6.nd6_delay: 5
net.inet6.icmp6.nd6_umaxtries: 3
net.inet6.icmp6.nd6_mmaxtries: 3
net.inet6.icmp6.nd6_useloopback: 1
net.inet6.icmp6.nodeinfo: 3
net.inet6.icmp6.errppsimit: 100
net.inet6.icmp6.nd6_maxnudhint: 0
net.inet6.icmp6.nd6_debug: 0
net.inet6.icmp6.nd6_maxqueuelen: 1
net.inet6.icmp6.nodeinfo_olddmcprefix: 1
net.inet6.icmp6.nd6_onlink_ns_rfc4861: 0
net.inet6.icmp6.nd6_gctimer: 86400
net.inet6.mld.gsrdelay: 10
net.inet6.mld.vlenable: 1
net.inet6.mld.use_allow: 1
net.bpf.maxinsns: 512

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net.bpf.zerocopy_enable: 0
net.bpf.optimize_writers: 0
net.bpf.bufsize: 4096
net.bpf.maxbufsize: 524288
net.ifdescr_maxlen: 1024
net.isr.dispatch: direct
net.isr.maxthreads: 1
net.isr.bindthreads: 0
net.isr.maxqlimit: 10240
net.isr.defaultqlimit: 256
net.isr.maxprot: 16
net.isr.numthreads: 1
net.raw.sendspace: 8192
net.raw.recvspace: 8192
net.fibs: 1
net.add_addr_allfibs: 1
net.my_fibnum: 0
net.route.netisr_maxqlen: 256
net.wlan.nol_timeout: 1800
net.wlan.cac_timeout: 60
net.wlan.debug: 0
net.wlan.ampdu_age: 500
net.wlan.recv_bar: 1
net.wlan.addba_timeout: 250
net.wlan.addba_backoff: 10000
net.wlan.addba_maxtries: 3
net.wlan.hwmp.targetonly: 0
net.wlan.hwmp.pathlifetime: 5000
net.wlan.hwmp.maxpreq_retries: 3
net.wlan.hwmp.net_diameter_traversal_time: 512
net.wlan.hwmp.roottimeout: 5000
net.wlan.hwmp.rootint: 2000
net.wlan.hwmp.rannint: 1000
net.wlan.hwmp.rootconfint: 2000
net.wlan.hwmp.inact: 5000
net.wlan.mesh.gateint: 10000
net.wlan.mesh.retrytimeout: 40
net.wlan.mesh.holdingtimeout: 40
net.wlan.mesh.confirmtimeout: 40
net.wlan.mesh.backofftimeout: 5000
net.wlan.mesh.maxretries: 2
net.wlan.mesh.maxholding: 2
debug.acpi.max_tasks: 256
debug.acpi.max_threads: 3
debug.acpi.acpi_ca_version: 20130823
debug.acpi.enable_debug_objects: 0
debug.acpi.interpreter_slack: 1
debug.acpi.reset_clock: 1
debug.acpi.suspend_bounce: 0
debug.acpi.cpu_unordered: 0
debug.acpi.ec.burst: 0
debug.acpi.ec.pollled: 0
debug.acpi.ec.timeout: 750
debug.acpi.batt.batt_sleep_ms: 0
debug.acpi.resume_beep: 0
debug.ipw: 0
debug.iwi: 0
debug.mddebug: 0
debug.wpi: 0
debug.elf64_legacy_coredump: 0
debug.elf32_legacy_coredump: 0
debug.boothowto: 536875008
debug.bootverbose: 0
debug.cpubufreq.lowest: 0
debug.cpubufreq.verbose: 0
debug.fail_point.sysctl_running: off
debug.fail_point.buf_pressure: off
debug.fail_point.nlm_deny_grant: off
debug.sizeof.cdev: 288
debug.sizeof.cdev_priv: 376
debug.sizeof.g_class: 176
debug.sizeof.g_geom: 176
debug.sizeof.g_provider: 136
debug.sizeof.g_consumer: 96
debug.sizeof.g_bioq: 56
debug.sizeof.vnode: 472
debug.sizeof.proc: 1216
debug.sizeof.bio: 248
debug.sizeof.buf: 600
debug.sizeof.kinfo_proc: 1088
debug.sizeof.devstat: 288
debug.sizeof.namecache: 72
debug.adaptive_machine_arch: 1
debug.osd: 0
debug.rwlock.retry: 10
debug.rwlock.loops: 10000
debug.debugger_on_panic: 1
debug.trace_on_panic: 1
debug.ncores: 5
debug.sx.retries: 10
debug.sx.loops: 10000
```

debug.umtx.umtx_pi_allocated: 0
debug.clocktime: 0
debug.kdb.available:
debug.kdb.current:
debug.kdb.enter: 0
debug.kdb.panic: 0
debug.kdb.trap: 0
debug.kdb.trap_code: 0
debug.kdb.break_to_debugger: 0
debug.kdb.alt_break_to_debugger: 0
debug.rman_debug: 0
debug.iosize_max_clamp: 1
debug.devfs_iosize_max_clamp: 1
debug.nchash: 2097151
debug.numneg: 35
debug.numcache: 560
debug.numcachehv: 55
debug.vfscache: 1
debug.disablecwd: 0
debug.disablefullpath: 0
debug.rush_requests: 0
debug.vnlru_nowhere: 0
debug.vn_io_fault_enable: 1
debug.vn_io_faults: 175
debug.if_tun_debug: 0
debug.nlm_debug: 0
debug.fsckcmds: 0
debug.dopersistence: 0
debug.snapdebug: 0
debug.collectsnapstats: 0
debug.softdep.total.pagedep: 48
debug.softdep.total.inodedep: 333
debug.softdep.total.bmsafemap: 309
debug.softdep.total.newblk: 430
debug.softdep.total.allocdirect: 372
debug.softdep.total.indirdep: 2
debug.softdep.total.allocindir: 58
debug.softdep.total.freefrag: 4
debug.softdep.total.freeblks: 23
debug.softdep.total.freefile: 29
debug.softdep.total.diradd: 303
debug.softdep.total.mkdir: 76
debug.softdep.total.dirrem: 32
debug.softdep.total.newdirblk: 38
debug.softdep.total.freework: 76
debug.softdep.total.freedep: 1
debug.softdep.total.jaddrf: 379
debug.softdep.total.jremref: 46
debug.softdep.total.jmhref: 0
debug.softdep.total.jnewblk: 430
debug.softdep.total.jfreeblk: 0
debug.softdep.total.jfreefrag: 4
debug.softdep.total.jseg: 23
debug.softdep.total.jsegdep: 859
debug.softdep.total.sbdep: 10
debug.softdep.total.jtrunc: 0
debug.softdep.total.jfsync: 0
debug.softdep.highuse.pagedep: 34
debug.softdep.highuse.inodedep: 270
debug.softdep.highuse.bmsafemap: 5
debug.softdep.highuse.newblk: 1
debug.softdep.highuse.allocdirect: 290
debug.softdep.highuse.indirdep: 2
debug.softdep.highuse.allocindir: 57
debug.softdep.highuse.freefrag: 1
debug.softdep.highuse.freeblks: 14
debug.softdep.highuse.freefile: 10
debug.softdep.highuse.diradd: 269
debug.softdep.highuse.mkdir: 63
debug.softdep.highuse.dirrem: 17
debug.softdep.highuse.newdirblk: 32
debug.softdep.highuse.freework: 17
debug.softdep.highuse.freedep: 1
debug.softdep.highuse.jaddrf: 133
debug.softdep.highuse.jremref: 13
debug.softdep.highuse.jmhref: 0
debug.softdep.highuse.jnewblk: 88
debug.softdep.highuse.jfreeblk: 0
debug.softdep.highuse.jfreefrag: 1
debug.softdep.highuse.jseg: 12
debug.softdep.highuse.jsegdep: 615
debug.softdep.highuse.sbdep: 1
debug.softdep.highuse.jtrunc: 0
debug.softdep.highuse.jfsync: 0
debug.softdep.current.pagedep: 34
debug.softdep.current.inodedep: 267
debug.softdep.current.bmsafemap: 2
debug.softdep.current.newblk: 0
debug.softdep.current.allocdirect: 33
debug.softdep.current.indirdep: 0
debug.softdep.current.allocindir: 0

debug.softdep.current.freefrag: 1
debug.softdep.current.freeblks: 1
debug.softdep.current.freefile: 0
debug.softdep.current.diradd: 266
debug.softdep.current.mkdir: 31
debug.softdep.current.dirrem: 1
debug.softdep.current.newdirblk: 31
debug.softdep.current.freework: 2
debug.softdep.current.freedep: 0
debug.softdep.current.jaddref: 1
debug.softdep.current.jremref: 0
debug.softdep.current.jmvref: 0
debug.softdep.current.jnewblk: 3
debug.softdep.current.jfreeblk: 0
debug.softdep.current.jfreefrag: 0
debug.softdep.current.jseg: 12
debug.softdep.current.jsegdep: 302
debug.softdep.current.sbdep: 0
debug.softdep.current.jtrunc: 0
debug.softdep.current.jfsync: 0
debug.softdep.write.pagedep: 45
debug.softdep.write.inodedep: 624
debug.softdep.write.bmsafemap: 16
debug.softdep.write.newblk: 0
debug.softdep.write.allocdirect: 308
debug.softdep.write.indirdep: 0
debug.softdep.write.allocindir: 52
debug.softdep.write.freefrag: 0
debug.softdep.write.freeblks: 14
debug.softdep.write.freefile: 0
debug.softdep.write.diradd: 0
debug.softdep.write.mkdir: 0
debug.softdep.write.dirrem: 0
debug.softdep.write.newdirblk: 0
debug.softdep.write.freework: 0
debug.softdep.write.freedep: 0
debug.softdep.write.jaddref: 0
debug.softdep.write.jremref: 0
debug.softdep.write.jmvref: 0
debug.softdep.write.jnewblk: 0
debug.softdep.write.jfreeblk: 0
debug.softdep.write.jfreefrag: 0
debug.softdep.write.jseg: 23
debug.softdep.write.jsegdep: 6
debug.softdep.write.sbdep: 10
debug.softdep.write.jtrunc: 0
debug.softdep.write.jfsync: 0
debug.softdep.max_softdeps: 4655548
debug.softdep.tickdelay: 2
debug.softdep.flush_threads: 1
debug.softdep.worklist_push: 0
debug.softdep.blk_limit_push: 0
debug.softdep.ino_limit_push: 0
debug.softdep.blk_limit_hit: 0
debug.softdep.ino_limit_hit: 0
debug.softdep.sync_limit_hit: 0
debug.softdep.indir_blk_ptrs: 0
debug.softdep.inode_bitmap: 8
debug.softdep.direct_blk_ptrs: 7
debug.softdep.dir_entry: 6
debug.softdep.jaddref_rollback: 0
debug.softdep.jnewblk_rollback: 0
debug.softdep.journal_low: 0
debug.softdep.journal_min: 0
debug.softdep.journal_wait: 1
debug.softdep.jwait_filepage: 0
debug.softdep.jwait_freeblks: 0
debug.softdep.jwait_inode: 0
debug.softdep.jwait_newblk: 1
debug.softdep.cleanup_blkrequests: 0
debug.softdep.cleanup_inorequests: 0
debug.softdep.cleanup_high_delay: 0
debug.softdep.cleanup_retries: 0
debug.softdep.cleanup_failures: 0
debug.softdep.flushcache: 0
debug.softdep.emptyjblocks: 1
debug.softdep.print_threads: 0
debug.bigcgs: 0
debug.dobkgrdwrite: 1
debug.dircheck: 0
debug.psm.loglevel: 0
debug.psm.hz: 20
debug.psm.errsecs: 2
debug.psm.errusecs: 0
debug.psm.secs: 0
debug.psm.usecs: 500000
debug.psm.pkterrthresh: 2
debug.vesa.shadow_rom: 0
debug.fdc.fifo: 8
debug.fdc.debugflags: 0
debug.fdc.retries: 10

debug.fdc.spec1: 175
debug.fdc.spec2: 16
debug.fdc.settle: 0
debug.x86bios.call: 0
debug.x86bios.int: 0
debug.hwpstate_verbose: 0
debug.minidump: 1
hw.machine: amd64
hw.model: Intel(R) Xeon(R) CPU E5-2603 v3 @ 1.60GHz
hw.ncpu: 12
hw.byteorder: 1234
hw.physmem: 68607459328
hw.usermem: 68218085376
hw.pagesize: 4096
hw.floatingpoint: 1
hw.machine_arch: amd64
hw.realmem: 68719476736
hw.aac.enable_msi: 1
hw.amr.force_sg32: 0
hw.an.an_dump: off
hw.an.an_cache_mode: dbm
hw.an.an_cache_mcastonly: 0
hw.an.an_cache_iponly: 1
hw.ata.ata_dma_check_80pin: 1
hw.ath.longcal: 30
hw.ath.shortcal: 100
hw.ath.resetcal: 1200
hw.ath.anical: 100
hw.ath.rxbuf: 512
hw.ath.txbuf: 512
hw.ath.txbuf_mgmt: 32
hw.ath.bstuck: 4
hw.bce.verbose: 1
hw.bce.tso_enable: 1
hw.bce.msi_enable: 1
hw.bce.rx_pages: 2
hw.bce.tx_pages: 2
hw.bce.hdr_split: 1
hw.bce.strict_rx_mtu: 0
hw.bce.tx_quick_cons_trip_int: 20
hw.bce.tx_quick_cons_trip: 20
hw.bce.tx_ticks_int: 80
hw.bce.tx_ticks: 80
hw.bce.rx_quick_cons_trip_int: 6
hw.bce.rx_quick_cons_trip: 6
hw.bce.rx_ticks_int: 18
hw.bce.rx_ticks: 18
hw.bge.allow_asf: 1
hw.cardbus.debug: 0
hw.cardbus.cis_debug: 0
hw.cs.ignore_checksum_failure: 0
hw.cs.recv_delay: 570
hw.em.tx_int_delay: 66
hw.em.rx_int_delay: 0
hw.em.tx_abs_int_delay: 66
hw.em.rx_abs_int_delay: 66
hw.em.rxd: 1024
hw.em.txd: 1024
hw.em.smart_pwr_down: 0
hw.em.sbp: 0
hw.em.enable_msix: 1
hw.em.rx_process_limit: 100
hw.em.eee_setting: 1
hw.igb.rxd: 1024
hw.igb.txd: 1024
hw.igb.enable_aim: 1
hw.igb.enable_msix: 1
hw.igb.max_interrupt_rate: 8000
hw.igb.buf_ring_size: 4096
hw.igb.header_split: 0
hw.igb.num_queues: 0
hw.igb.rx_process_limit: 100
hw.ix.enable_aim: 1
hw.ix.max_interrupt_rate: 31250
hw.ix.rx_process_limit: 256
hw.ix.tx_process_limit: 256
hw.ix.enable_msix: 1
hw.ix.num_queues: 0
hw.ix.txd: 2048
hw.ix.rxd: 2048
hw.ixl.enable_msix: 1
hw.ixl.ring_size: 1024
hw.ixl.max_queues: 0
hw.ixl.dynamic_rx_itr: 0
hw.ixl.dynamic_tx_itr: 0
hw.ixl.rx_itr: 62
hw.ixl.tx_itr: 122
hw.ixlv.ring_size: 1024
hw.ixlv.max_queues: 0
hw.ixlv.txbr_size: 16777216
hw.ixlv.dynamic_rx_itr: 0

hw.ixlv.dynamic_tx_itr: 0
hw.ixlv.rx_itr: 62
hw.ixlv.tx_itr: 122
hw.malo.txcoalesce: 8
hw.malo.rxbuf: 256
hw.malo.rxquota: 256
hw.malo.txbuf: 256
hw.malo.pci.msi_disable: 0
hw.mfi.event_locale: 65535
hw.mfi.event_class: 0
hw.mfi.max_cmds: 128
hw.mfi.detect_jbod_change: 1
hw.mfi.polled_cmd_timeout: 60
hw.mfi.cmd_timeout: 30
hw.mfi.msi: 1
hw.mfi.mrsas_enable: 1
hw.mmc.debug: 0
hw.mwl.rxdesc: 256
hw.mwl.rxbuf: 640
hw.mwl.txbuf: 256
hw.mwl.txcoalesce: 8
hw.mwl.rxquota: 640
hw.mwl.rxdmalo: 3
hw.pccard.debug: 0
hw.pccard.cis_debug: 0
hw.cbb.start_memory: 2281701376
hw.cbb.start_16_io: 256
hw.cbb.start_32_io: 4096
hw.cbb.debug: 0
hw.pci.intr_mask: 57016
hw.pci.pd6722_vsense: 1
hw.pci.enable_io_modes: 1
hw.pci.reallocBars: 0
hw.pci.do_power_nodriver: 0
hw.pci.do_power_resume: 1
hw.pci.do_power_suspend: 1
hw.pci.enable_msi: 1
hw.pci.enable_msix: 1
hw.pci.honor_msi_blacklist: 1
hw.pci.usb_early_takeover: 1
hw.pci.clearBars: 0
hw.pci.clear_pcib: 0
hw.pci.default_vgapci_unit: 0
hw.pci.mcfg: 1
hw.pci.host_mem_start: 2147483648
hw.sdhci.debug: 0
hw.sdhci.enable_msi: 1
hw.snd.report_soft_formats: 1
hw.snd.report_soft_matrix: 1
hw.snd.latency: 5
hw.snd.latency_profile: 1
hw.snd.vpc_autoreset: 1
hw.snd.vpc_0db: 45
hw.snd.vpc_reset: 0
hw.snd.compat_linux_mmap: 0
hw.snd.feeder_eq_presets: PEQ:16000,0.2500,62,0.2500:-9,9,1.0:44100,48000,88200,96000,176400,192000
hw.snd.feeder_eq_exact_rate: 0
hw.snd.feeder_rate_presets: 100:8:0.85 100:36:0.92 100:164:0.97
hw.snd.feeder_rate_polyphase_max: 183040
hw.snd.feeder_rate_min: 1
hw.snd.feeder_rate_max: 2016000
hw.snd.feeder_rate_round: 25
hw.snd.feeder_rate_quality: 1
hw.snd.vpc_mixer_bypass: 1
hw.snd.verbose: 0
hw.snd.default_auto: -1
hw.snd.version: 2009061500/amd64
hw.snd.default_unit: -1
hw.snd.maxautovchans: 16
hw.midi.stat.verbose: 0
hw.midi.debug: 0
hw.midi.dumpraw: 0
hw.midi.instrhoff: 0
hw.midi.seq.debug: 0
hw.syscons.saver.keybonly: 1
hw.syscons.bell: 1
hw.syscons.kbd_reboot: 1
hw.syscons.kbd_debug: 1
hw.syscons.sc_no_suspend_vtswitch: 0
hw.broken_txfifo: 0
hw.usb.ehci.debug: 0
hw.usb.ehci.no_hs: 0
hw.usb.ehci.iaadbug: 0
hw.usb.ehci.lostintrbug: 0
hw.usb.ohci.debug: 0
hw.usb.uhci.debug: 0
hw.usb.uhci.loop: 0
hw.usb.xhci.streams: 0
hw.usb.xhci.debug: 0
hw.usb.xhci.xhci_port_route: 0
hw.usb.xhci.use_polling: 0

hw.usb.ctrl.debug: 0
hw.usb.no_boot_wait: 0
hw.usb.no_suspend_wait: 0
hw.usb.no_shutdown_wait: 0
hw.usb.umass.debug: 0
hw.usb.umass.throttle: 0
hw.usb.debug: 0
hw.usb.timings.port_reset_delay: 50
hw.usb.timings.port_root_reset_delay: 250
hw.usb.timings.port_reset_recovery: 250
hw.usb.timings.port_powerup_delay: 300
hw.usb.timings.port_resume_delay: 40
hw.usb.timings.set_address_settle: 10
hw.usb.timings.resume_delay: 250
hw.usb.timings.resume_wait: 50
hw.usb.timings.resume_recovery: 50
hw.usb.timings.extra_power_up_time: 20
hw.usb.dev.debug: 0
hw.usb.template: 0
hw.usb.usb_lang_id: 9
hw.usb.usb_lang_mask: 255
hw.usb.ugen.debug: 0
hw.usb.uhub.debug: 0
hw.usb.power_timeout: 30
hw.usb.proc.debug: 0
hw.usb.no_cs_fail: 0
hw.usb.full_ddesc: 0
hw.usb.ukbd.debug: 0
hw.usb.ukbd.no_leds: 0
hw.usb.ukbd.pollrate: 0
hw.usb.ums.debug: 0
hw.watchdog.wd_last_u: 0
hw.watchdog.wd_last_u_secs: 0
hw.wi.txerate: 0
hw.wi.debug: 0
hw.xe.debug: 0
hw.intr_storm_threshold: 1000
hw.availpages: 16749868
hw.pagesizes: 4096 2097152 0
hw.bus.devctl_disable: 0
hw.bus.devctl_queue: 1000
hw.clockrate: 1600
hw.instruction_sse: 1
hw.via_feature_rng: 0
hw.via_feature_xcrypt: 0
hw.psm.tap_enabled: -1
hw.psm.tap_threshold: 25
hw.psm.tap_timeout: 125000
hw.bxe.debug: 0
hw.bxe.interrupt_mode: 2
hw.bxe.queue_count: 4
hw.bxe.max_rx_bufs: 0
hw.bxe.hc_rx_ticks: 25
hw.bxe.hc_tx_ticks: 50
hw.bxe.rx_budget: -1
hw.bxe.max_aggregation_size: 0
hw.bxe.mrrs: -1
hw.bxe.autogreen: 0
hw.bxe.udp_rss: 0
hw.kbd.keymap_restrict_change: 0
hw.dmar.tbl_pagecnt: 0
hw.dmar.match_verbose: 0
hw.bsdma.total_bpages: 8246
hw.bsdma.zone0.total_bpages: 8246
hw.bsdma.zone0.free_bpages: 8246
hw.bsdma.zone0.reserved_bpages: 0
hw.bsdma.zone0.active_bpages: 0
hw.bsdma.zone0.total_bounced: 0
hw.bsdma.zone0.total_deferred: 0
hw.bsdma.zone0.lowaddr: 0xffffffff
hw.bsdma.zone0.alignment: 4096
hw.apic.enable_extint: 0
hw.mca.enabled: 1
hw.mca.amd10h_L1TP: 1
hw.mca.intel6h_HSD131: 0
hw.mca.erratum383: 0
hw.mca.count: 0
hw.mca.interval: 3600
hw.mca.force_scan: 0
hw.mca.cmc_throttle: 60
hw.acpi.supported_sleep_state: S4 S5
hw.acpi.power_button_state: S5
hw.acpi.sleep_button_state: S4
hw.acpi.lid_switch_state: NONE
hw.acpi.standby_state: NONE
hw.acpi.suspend_state: NONE
hw.acpi.sleep_delay: 1
hw.acpi.s4bios: 0
hw.acpi.verbose: 0
hw.acpi.disable_on_reboot: 0
hw.acpi.handle_reboot: 1


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hw.acpi.reset_video: 0
hw.acpi.cpu.cx_lowest: C1
machdep.acpi_timer_freq: 3579545
machdep.enable_panic_key: 0
machdep.rtc_save_period: 1800
machdep.adjkerntz: -32400
machdep.wall_cmos_clock: 1
machdep.disable_rtc_set: 0
machdep.disable_mtrrs: 0
machdep.idle_mwait: 1
machdep.idle_available: spin, mwait, hlt, acpi
machdep.idle: acpi
machdep.bootmethod: BIOS
machdep.nkpt: 22
machdep.max_ldt_segment: 1024
machdep.kdb_on_nmi: 1
machdep.panic_on_nmi: 1
machdep.prot_fault_translation: 0
machdep.uprintf_signal: 0
machdep.acpi_root: 984368
machdep.i8254_freq: 1193182
machdep.disable_tsc: 0
machdep.disable_tsc_calibration: 0
machdep.tsc_freq: 1600031820
user.cs_path:
user.bc_base_max: 0
user.bc_dim_max: 0
user.bc_scale_max: 0
user.bc_string_max: 0
user.coll_weights_max: 0
user.expr_nest_max: 0
user.line_max: 0
user.re_dup_max: 0
user.posix2_version: 0
user.posix2_c_bind: 0
user.posix2_c_dev: 0
user.posix2_char_term: 0
user.posix2_fort_dev: 0
user.posix2_fort_run: 0
user.posix2_localedef: 0
user.posix2_sw_dev: 0
user.posix2_upe: 0
user.stream_max: 0
user.tzname_max: 0
p1003_1b.asynchronous_io: 0
p1003_1b.mapped_files: 200112
p1003_1b.memlock: 0
p1003_1b.memlock_range: 0
p1003_1b.memory_protection: 0
p1003_1b.message_passing: 0
p1003_1b.prioritized_io: 0
p1003_1b.priority_scheduling: 200112
p1003_1b.realtime_signals: 200112
p1003_1b.semaphores: 0
p1003_1b.fsync: 200112
p1003_1b.shared_memory_objects: 200112
p1003_1b.synchronized_io: 0
p1003_1b.timers: 200112
p1003_1b.aio_listio_max: -1
p1003_1b.aio_max: -1
p1003_1b.aio_prio_delta_max: -1
p1003_1b.delaytimer_max: 2147483647
p1003_1b.mq_open_max: 0
p1003_1b.pagesize: 4096
p1003_1b.rtsig_max: 62
p1003_1b.sem_nsems_max: 0
p1003_1b.sem_value_max: 0
p1003_1b.sigqueue_max: 128
p1003_1b.timer_max: 32
compat.ia32.maxdsiz: 536870912
compat.ia32.maxssiz: 67108864
compat.ia32.maxvmem: 0
security.jail.jailed: 0
security.jail.vnet: 0
security.jail.jail_max_af_ips: 255
security.jail.set_hostname_allowed: 1
security.jail.socket_unixiproute_only: 1
security.jail.sysvipc_allowed: 0
security.jail.allow_raw_sockets: 0
security.jail.chflags_allowed: 0
security.jail.mount_allowed: 0
security.jail.mount_devfs_allowed: 0
security.jail.mount_nullfs_allowed: 0
security.jail.mount_procfs_allowed: 0
security.jail.mount_tmpfs_allowed: 0
security.jail.mount_zfs_allowed: 0
security.jail.enforce_statfs: 2
security.jail.devfs_ruleset: 0
security.jail.param.jid: 0
security.jail.param.parent: 0
security.jail.param.name: 256
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security.jail.param.path: 1024
security.jail.param.securelevel: 0
security.jail.param.enforce_stats: 0
security.jail.param.devfs_ruleset: 0
security.jail.param.persist: 0
security.jail.param.dying: 0
security.jail.param.children.cur: 0
security.jail.param.children.max: 0
security.jail.param.host.: 0
security.jail.param.host.hostname: 256
security.jail.param.host.domainname: 256
security.jail.param.host.hostuid: 64
security.jail.param.host.hostid: 0
security.jail.param.cpuset.id: 0
security.jail.param.ip4.: 0
security.jail.param.ip4.saddrsel: 0
security.jail.param.ip6.: 0
security.jail.param.ip6.saddrsel: 0
security.jail.param.allow.set_hostname: 0
security.jail.param.allow.sysvipc: 0
security.jail.param.allow.raw_sockets: 0
security.jail.param.allow.chflags: 0
security.jail.param.allow.quotas: 0
security.jail.param.allow.socket_af: 0
security.jail.param.allow.mount.: 0
security.jail.param.allow.mount.devfs: 0
security.jail.param.allow.mount.nullfs: 0
security.jail.param.allow.mount.procfs: 0
security.jail.param.allow.mount.tmpfs: 0
security.jail.param.allow.mount.zfs: 0
security.bsd.map_at_zero: 0
security.bsd.suser_enabled: 1
security.bsd.unprivileged_mlock: 1
security.bsd.see_other_uids: 1
security.bsd.see_other_gids: 1
security.bsd.conservative_signals: 1
security.bsd.unprivileged_proc_debug: 1
security.bsd.unprivileged_idprio: 0
security.bsd.unprivileged_read_msgbuf: 1
security.bsd.hardlink_check_uid: 0
security.bsd.hardlink_check_gid: 0
security.bsd.unprivileged_get_quota: 0
security.bsd.stack_guard_page: 0
security.mac.version: 4
security.mac.max_slots: 4
security.mac.labeled: 0
security.mac.mmap_revocation: 1
security.mac.mmap_revocation_via_cow: 0
dev.xen.balloon.current: 0
dev.xen.balloon.target: 0
dev.xen.balloon.driver_pages: 0
dev.xen.balloon.hard_limit: 0
dev.xen.balloon.low_mem: 0
dev.xen.balloon.high_mem: 0
dev.xen.xsd_port: 0
dev.xen.xsd_kva: 0
dev.hv_kvq_log: 0
dev.nexus.%parent:
dev.nexus.0.%desc:
dev.nexus.0.%driver: nexus
dev.nexus.0.%location:
dev.nexus.0.%pnpinfo:
dev.nexus.0.%parent: root0
dev.ram.%parent:
dev.ram.0.%desc: System RAM
dev.ram.0.%driver: ram
dev.ram.0.%location:
dev.ram.0.%pnpinfo:
dev.ram.0.%parent: nexus0
dev.acpi.%parent:
dev.acpi.0.%desc: AMI 0694
dev.acpi.0.%driver: acpi
dev.acpi.0.%location:
dev.acpi.0.%pnpinfo:
dev.acpi.0.%parent: nexus0
dev.acpi_sysresource.%parent:
dev.acpi_sysresource.0.%desc: System Resource
dev.acpi_sysresource.0.%driver: acpi_sysresource
dev.acpi_sysresource.0.%location: handle=\_SB_.PCI0.LPC0.XTRA
dev.acpi_sysresource.0.%pnpinfo: _HID=PNP0C02 _UID=16
dev.acpi_sysresource.0.%parent: acpi0
dev.acpi_sysresource.1.%desc: System Resource
dev.acpi_sysresource.1.%driver: acpi_sysresource
dev.acpi_sysresource.1.%location: handle=\_SB_.PCI0.LPC0.SI01
dev.acpi_sysresource.1.%pnpinfo: _HID=PNP0C02 _UID=0
dev.acpi_sysresource.1.%parent: acpi0
dev.acpi_sysresource.2.%desc: System Resource
dev.acpi_sysresource.2.%driver: acpi_sysresource
dev.acpi_sysresource.2.%location: handle=\_SB_.PCI0.RP04.PPF1
dev.acpi_sysresource.2.%pnpinfo: _HID=PNP0C01 _UID=241
dev.acpi_sysresource.2.%parent: acpi0

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dev.cpu.%parent:
dev.cpu.0.%desc: ACPI CPU
dev.cpu.0.%driver: cpu
dev.cpu.0.%location: handle=_SB_.SCK0.CP00
dev.cpu.0.%pnpinfo: _HID=none _UID=0
dev.cpu.0.%parent: acpi0
dev.cpu.0.%freq: 1600
dev.cpu.0.%freq_levels: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883 1050/53272 900/45662 750/38051 600/30441 450/22831 300/15220
150/7610
dev.cpu.0.%cx_supported: C1/1/1 C2/2/41
dev.cpu.0.%cx_lowest: C1
dev.cpu.0.%cx_usage: 100.00% 0.00% last 785us
dev.cpu.1.%desc: ACPI CPU
dev.cpu.1.%driver: cpu
dev.cpu.1.%location: handle=_SB_.SCK0.CP01
dev.cpu.1.%pnpinfo: _HID=none _UID=0
dev.cpu.1.%parent: acpi0
dev.cpu.1.%cx_supported: C1/1/1 C2/2/41
dev.cpu.1.%cx_lowest: C1
dev.cpu.1.%cx_usage: 100.00% 0.00% last 12190us
dev.cpu.2.%desc: ACPI CPU
dev.cpu.2.%driver: cpu
dev.cpu.2.%location: handle=_SB_.SCK0.CP02
dev.cpu.2.%pnpinfo: _HID=none _UID=0
dev.cpu.2.%parent: acpi0
dev.cpu.2.%cx_supported: C1/1/1 C2/2/41
dev.cpu.2.%cx_lowest: C1
dev.cpu.2.%cx_usage: 100.00% 0.00% last 11980us
dev.cpu.3.%desc: ACPI CPU
dev.cpu.3.%driver: cpu
dev.cpu.3.%location: handle=_SB_.SCK0.CP03
dev.cpu.3.%pnpinfo: _HID=none _UID=0
dev.cpu.3.%parent: acpi0
dev.cpu.3.%cx_supported: C1/1/1 C2/2/41
dev.cpu.3.%cx_lowest: C1
dev.cpu.3.%cx_usage: 100.00% 0.00% last 10285us
dev.cpu.4.%desc: ACPI CPU
dev.cpu.4.%driver: cpu
dev.cpu.4.%location: handle=_SB_.SCK0.CP04
dev.cpu.4.%pnpinfo: _HID=none _UID=0
dev.cpu.4.%parent: acpi0
dev.cpu.4.%cx_supported: C1/1/1 C2/2/41
dev.cpu.4.%cx_lowest: C1
dev.cpu.4.%cx_usage: 100.00% 0.00% last 10142us
dev.cpu.5.%desc: ACPI CPU
dev.cpu.5.%driver: cpu
dev.cpu.5.%location: handle=_SB_.SCK0.CP05
dev.cpu.5.%pnpinfo: _HID=none _UID=0
dev.cpu.5.%parent: acpi0
dev.cpu.5.%cx_supported: C1/1/1 C2/2/41
dev.cpu.5.%cx_lowest: C1
dev.cpu.5.%cx_usage: 100.00% 0.00% last 10252us
dev.cpu.6.%desc: ACPI CPU
dev.cpu.6.%driver: cpu
dev.cpu.6.%location: handle=_SB_.SCK1.CP00
dev.cpu.6.%pnpinfo: _HID=none _UID=0
dev.cpu.6.%parent: acpi0
dev.cpu.6.%cx_supported: C1/1/1 C2/2/41
dev.cpu.6.%cx_lowest: C1
dev.cpu.6.%cx_usage: 100.00% 0.00% last 10564us
dev.cpu.7.%desc: ACPI CPU
dev.cpu.7.%driver: cpu
dev.cpu.7.%location: handle=_SB_.SCK1.CP01
dev.cpu.7.%pnpinfo: _HID=none _UID=0
dev.cpu.7.%parent: acpi0
dev.cpu.7.%cx_supported: C1/1/1 C2/2/41
dev.cpu.7.%cx_lowest: C1
dev.cpu.7.%cx_usage: 100.00% 0.00% last 8495us
dev.cpu.8.%desc: ACPI CPU
dev.cpu.8.%driver: cpu
dev.cpu.8.%location: handle=_SB_.SCK1.CP02
dev.cpu.8.%pnpinfo: _HID=none _UID=0
dev.cpu.8.%parent: acpi0
dev.cpu.8.%cx_supported: C1/1/1 C2/2/41
dev.cpu.8.%cx_lowest: C1
dev.cpu.8.%cx_usage: 100.00% 0.00% last 13580us
dev.cpu.9.%desc: ACPI CPU
dev.cpu.9.%driver: cpu
dev.cpu.9.%location: handle=_SB_.SCK1.CP03
dev.cpu.9.%pnpinfo: _HID=none _UID=0
dev.cpu.9.%parent: acpi0
dev.cpu.9.%cx_supported: C1/1/1 C2/2/41
dev.cpu.9.%cx_lowest: C1
dev.cpu.9.%cx_usage: 100.00% 0.00% last 7485us
dev.cpu.10.%desc: ACPI CPU
dev.cpu.10.%driver: cpu
dev.cpu.10.%location: handle=_SB_.SCK1.CP04
dev.cpu.10.%pnpinfo: _HID=none _UID=0
dev.cpu.10.%parent: acpi0
dev.cpu.10.%cx_supported: C1/1/1 C2/2/41
dev.cpu.10.%cx_lowest: C1

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dev.cpu.10.cx_usage: 100.00% 0.00% last 12449us
dev.cpu.11.%desc: ACPI CPU
dev.cpu.11.%driver: cpu
dev.cpu.11.%location: handle=\_SB_.SCK1.CP05
dev.cpu.11.%pnpinfo: _HID=none _UID=0
dev.cpu.11.%parent: acpi0
dev.cpu.11.cx_supported: C1/1/1 C2/2/41
dev.cpu.11.cx_lowest: C1
dev.cpu.11.cx_usage: 100.00% 0.00% last 10888us
dev.atrtc.%parent:
dev.atrtc.0.%desc: AT realtime clock
dev.atrtc.0.%driver: atrtc
dev.atrtc.0.%location: handle=\_SB_.PCI0.LPC0.RTC_
dev.atrtc.0.%pnpinfo: _HID=PNP0B00 _UID=0
dev.atrtc.0.%parent: acpi0
dev.attimer.%parent:
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.%parent:
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.%parent:
dev.acpi_timer.0.%desc: 24-bit timer at 3.579545MHz
dev.acpi_timer.0.%driver: acpi_timer
dev.acpi_timer.0.%location: unknown
dev.acpi_timer.0.%pnpinfo: unknown
dev.acpi_timer.0.%parent: acpi0
dev.pci_link.%parent:
dev.pci_link.0.%desc: ACPI PCI Link LNKA
dev.pci_link.0.%driver: pci_link
dev.pci_link.0.%location: handle=\_SB_.LNKA
dev.pci_link.0.%pnpinfo: _HID=PNP0C0F _UID=1
dev.pci_link.0.%parent: acpi0
dev.pci_link.1.%desc: ACPI PCI Link LNKB
dev.pci_link.1.%driver: pci_link
dev.pci_link.1.%location: handle=\_SB_.LNKB
dev.pci_link.1.%pnpinfo: _HID=PNP0C0F _UID=2
dev.pci_link.1.%parent: acpi0
dev.pci_link.2.%desc: ACPI PCI Link LNKK
dev.pci_link.2.%driver: pci_link
dev.pci_link.2.%location: handle=\_SB_.LNKK
dev.pci_link.2.%pnpinfo: _HID=PNP0C0F _UID=3
dev.pci_link.2.%parent: acpi0
dev.pci_link.3.%desc: ACPI PCI Link LNKD
dev.pci_link.3.%driver: pci_link
dev.pci_link.3.%location: handle=\_SB_.LNKD
dev.pci_link.3.%pnpinfo: _HID=PNP0C0F _UID=4
dev.pci_link.3.%parent: acpi0
dev.pci_link.4.%desc: ACPI PCI Link LNKE
dev.pci_link.4.%driver: pci_link
dev.pci_link.4.%location: handle=\_SB_.LNKE
dev.pci_link.4.%pnpinfo: _HID=PNP0C0F _UID=5
dev.pci_link.4.%parent: acpi0
dev.pci_link.5.%desc: ACPI PCI Link LNKF
dev.pci_link.5.%driver: pci_link
dev.pci_link.5.%location: handle=\_SB_.LNKF
dev.pci_link.5.%pnpinfo: _HID=PNP0C0F _UID=6
dev.pci_link.5.%parent: acpi0
dev.pci_link.6.%desc: ACPI PCI Link LNKG
dev.pci_link.6.%driver: pci_link
dev.pci_link.6.%location: handle=\_SB_.LNKG
dev.pci_link.6.%pnpinfo: _HID=PNP0C0F _UID=7
dev.pci_link.6.%parent: acpi0
dev.pci_link.7.%desc: ACPI PCI Link LNKH
dev.pci_link.7.%driver: pci_link
dev.pci_link.7.%location: handle=\_SB_.LNKH
dev.pci_link.7.%pnpinfo: _HID=PNP0C0F _UID=8
dev.pci_link.7.%parent: acpi0
dev.pci_b.%parent:
dev.pci_b.0.%desc: ACPI Host-PCI bridge
dev.pci_b.0.%driver: pci_b
dev.pci_b.0.%location: handle=\_SB_.UNC1
dev.pci_b.0.%pnpinfo: _HID=PNP0A03 _UID=127
dev.pci_b.0.%parent: acpi0
dev.pci_b.1.%desc: ACPI Host-PCI bridge
dev.pci_b.1.%driver: pci_b
dev.pci_b.1.%location: handle=\_SB_.UNC0
dev.pci_b.1.%pnpinfo: _HID=PNP0A03 _UID=63
dev.pci_b.1.%parent: acpi0
dev.pci_b.2.%desc: ACPI Host-PCI bridge
dev.pci_b.2.%driver: pci_b
dev.pci_b.2.%location: handle=\_SB_.PCI0
dev.pci_b.2.%pnpinfo: _HID=PNP0A08 _UID=0
dev.pci_b.2.%parent: acpi0
dev.pci_b.3.%desc: ACPI PCI-PCI bridge

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dev.pci.3.%driver: pcib
dev.pci.3.%location: slot=1 function=0 handle=_SB_.PCI0.BR1A
dev.pci.3.%pnpinf: vendor=0x8086 device=0x2f02 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.3.%parent: pci0
dev.pci.3.domain: 0
dev.pci.3.pribus: 0
dev.pci.3.secbus: 1
dev.pci.3.subbus: 1
dev.pci.3.wake: 0
dev.pci.4.%desc: ACPI PCI-PCI bridge
dev.pci.4.%driver: pcib
dev.pci.4.%location: slot=2 function=0 handle=_SB_.PCI0.BR2A
dev.pci.4.%pnpinf: vendor=0x8086 device=0x2f04 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.4.%parent: pci0
dev.pci.4.domain: 0
dev.pci.4.pribus: 0
dev.pci.4.secbus: 32
dev.pci.4.subbus: 32
dev.pci.4.wake: 0
dev.pci.5.%desc: ACPI PCI-PCI bridge
dev.pci.5.%driver: pcib
dev.pci.5.%location: slot=3 function=0 handle=_SB_.PCI0.BR3A
dev.pci.5.%pnpinf: vendor=0x8086 device=0x2f08 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.5.%parent: pci0
dev.pci.5.domain: 0
dev.pci.5.pribus: 0
dev.pci.5.secbus: 64
dev.pci.5.subbus: 64
dev.pci.5.wake: 0
dev.pci.6.%desc: ACPI PCI-PCI bridge
dev.pci.6.%driver: pcib
dev.pci.6.%location: slot=28 function=0 handle=_SB_.PCI0.RP01
dev.pci.6.%pnpinf: vendor=0x8086 device=0x8d10 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.6.%parent: pci0
dev.pci.6.domain: 0
dev.pci.6.pribus: 0
dev.pci.6.secbus: 65
dev.pci.6.subbus: 65
dev.pci.6.wake: 0
dev.pci.7.%desc: ACPI PCI-PCI bridge
dev.pci.7.%driver: pcib
dev.pci.7.%location: slot=28 function=2 handle=_SB_.PCI0.RP03
dev.pci.7.%pnpinf: vendor=0x8086 device=0x8d14 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.7.%parent: pci0
dev.pci.7.domain: 0
dev.pci.7.pribus: 0
dev.pci.7.secbus: 97
dev.pci.7.subbus: 97
dev.pci.7.wake: 0
dev.pci.8.%desc: ACPI PCI-PCI bridge
dev.pci.8.%driver: pcib
dev.pci.8.%location: slot=28 function=3 handle=_SB_.PCI0.RP04
dev.pci.8.%pnpinf: vendor=0x8086 device=0x8d16 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.8.%parent: pci0
dev.pci.8.domain: 0
dev.pci.8.pribus: 0
dev.pci.8.secbus: 98
dev.pci.8.subbus: 98
dev.pci.8.wake: 0
dev.pci.9.%desc: ACPI Host-PCI bridge
dev.pci.9.%driver: pcib
dev.pci.9.%location: handle=_SB_.PCI1
dev.pci.9.%pnpinf: _HID=PNP0A08 _UID=128
dev.pci.9.%parent: acpi0
dev.pci.10.%desc: ACPI PCI-PCI bridge
dev.pci.10.%driver: pcib
dev.pci.10.%location: slot=0 function=0 handle=_SB_.PCI1.QRP0
dev.pci.10.%pnpinf: vendor=0x8086 device=0x2f01 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.10.%parent: pci128
dev.pci.10.domain: 0
dev.pci.10.pribus: 128
dev.pci.10.secbus: 129
dev.pci.10.subbus: 129
dev.pci.10.wake: 0
dev.pci.11.%desc: ACPI PCI-PCI bridge
dev.pci.11.%driver: pcib
dev.pci.11.%location: slot=1 function=0 handle=_SB_.PCI1.QR1A
dev.pci.11.%pnpinf: vendor=0x8086 device=0x2f02 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.11.%parent: pci128
dev.pci.11.domain: 0
dev.pci.11.pribus: 128
dev.pci.11.secbus: 130
dev.pci.11.subbus: 130
dev.pci.11.wake: 0
dev.pci.12.%desc: ACPI PCI-PCI bridge
dev.pci.12.%driver: pcib
dev.pci.12.%location: slot=2 function=0 handle=_SB_.PCI1.QR2A
dev.pci.12.%pnpinf: vendor=0x8086 device=0x2f04 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.12.%parent: pci128
dev.pci.12.domain: 0
dev.pci.12.pribus: 128

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dev.pci.12.secbus: 131
dev.pci.12.subbus: 131
dev.pci.12.wake: 0
dev.pci.13.%desc: ACPI PCI-PCI bridge
dev.pci.13.%driver: pci
dev.pci.13.%location: slot=3 function=0 handle=\_SB_.PCI1.QR3A
dev.pci.13.%pnpinfo: vendor=0x8086 device=0x2f08 subvendor=0x1bcf subdevice=0x8059 class=0x060400
dev.pci.13.%parent: pci128
dev.pci.13.domain: 0
dev.pci.13.pribus: 128
dev.pci.13.secbus: 132
dev.pci.13.subbus: 132
dev.pci.13.wake: 0
dev.pci.%parent:
dev.pci.255.%desc: ACPI PCI bus
dev.pci.255.%driver: pci
dev.pci.255.%location:
dev.pci.255.%pnpinfo:
dev.pci.255.%parent: pcib0
dev.pci.127.%desc: ACPI PCI bus
dev.pci.127.%driver: pci
dev.pci.127.%location:
dev.pci.127.%pnpinfo:
dev.pci.127.%parent: pcib1
dev.pci.0.%desc: ACPI PCI bus
dev.pci.0.%driver: pci
dev.pci.0.%location:
dev.pci.0.%pnpinfo:
dev.pci.0.%parent: pcib2
dev.pci.1.%desc: ACPI PCI bus
dev.pci.1.%driver: pci
dev.pci.1.%location:
dev.pci.1.%pnpinfo:
dev.pci.1.%parent: pcib3
dev.pci.1.wake: 0
dev.pci.32.%desc: ACPI PCI bus
dev.pci.32.%driver: pci
dev.pci.32.%location:
dev.pci.32.%pnpinfo:
dev.pci.32.%parent: pcib4
dev.pci.32.wake: 0
dev.pci.64.%desc: ACPI PCI bus
dev.pci.64.%driver: pci
dev.pci.64.%location:
dev.pci.64.%pnpinfo:
dev.pci.64.%parent: pcib5
dev.pci.64.wake: 0
dev.pci.65.%desc: ACPI PCI bus
dev.pci.65.%driver: pci
dev.pci.65.%location:
dev.pci.65.%pnpinfo:
dev.pci.65.%parent: pcib6
dev.pci.65.wake: 0
dev.pci.97.%desc: ACPI PCI bus
dev.pci.97.%driver: pci
dev.pci.97.%location:
dev.pci.97.%pnpinfo:
dev.pci.97.%parent: pcib7
dev.pci.97.wake: 0
dev.pci.98.%desc: ACPI PCI bus
dev.pci.98.%driver: pci
dev.pci.98.%location:
dev.pci.98.%pnpinfo:
dev.pci.98.%parent: pcib8
dev.pci.98.wake: 0
dev.pci.128.%desc: ACPI PCI bus
dev.pci.128.%driver: pci
dev.pci.128.%location:
dev.pci.128.%pnpinfo:
dev.pci.128.%parent: pcib9
dev.pci.129.%desc: ACPI PCI bus
dev.pci.129.%driver: pci
dev.pci.129.%location:
dev.pci.129.%pnpinfo:
dev.pci.129.%parent: pcib10
dev.pci.129.wake: 0
dev.pci.130.%desc: ACPI PCI bus
dev.pci.130.%driver: pci
dev.pci.130.%location:
dev.pci.130.%pnpinfo:
dev.pci.130.%parent: pcib11
dev.pci.130.wake: 0
dev.pci.131.%desc: ACPI PCI bus
dev.pci.131.%driver: pci
dev.pci.131.%location:
dev.pci.131.%pnpinfo:
dev.pci.131.%parent: pcib12
dev.pci.131.wake: 0
dev.pci.132.%desc: ACPI PCI bus
dev.pci.132.%driver: pci
dev.pci.132.%location:

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dev.pci.132.%pnpinfo:
dev.pci.132.%parent: pcib13
dev.pci.132.wake: 0
dev.hostb.%parent:
dev.hostb.0.%desc: Host to PCI bridge
dev.hostb.0.%driver: hostb
dev.hostb.0.%location: slot=0 function=0 handle=\_SB_.PCI0.DMI0
dev.hostb.0.%pnpinfo: vendor=0x8086 device=0x2f00 subvendor=0x1bcf subdevice=0x8059 class=0x060000
dev.hostb.0.%parent: pci0
dev.mrsas.%parent:
dev.mrsas.0.%desc: LSI Invader SAS Controller
dev.mrsas.0.%driver: mrsas
dev.mrsas.0.%location: slot=0 function=0 handle=\_SB_.PCI0.BR1A.H000
dev.mrsas.0.%pnpinfo: vendor=0x1000 device=0x02f0d subvendor=0x1000 subdevice=0x9364 class=0x010400
dev.mrsas.0.%parent: pci1
dev.mrsas.0.disable_ocr: 0
dev.mrsas.0.driver_version: 06.704.01-01-fbsd
dev.mrsas.0.reset_count: 0
dev.mrsas.0.fw_outstanding: 0
dev.mrsas.0.io_cmds_highwater: 59
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.ioapic.%parent:
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=0x8059 class=0x080020
dev.ioapic.0.%parent: pci0
dev.ioapic.1.%desc: IO(x) APIC
dev.ioapic.1.%driver: ioapic
dev.ioapic.1.%location: slot=5 function=4
dev.ioapic.1.%pnpinfo: vendor=0x8086 device=0x2f2c subvendor=0x1bcf subdevice=0x8059 class=0x080020
dev.ioapic.1.%parent: pci128
dev.xhci.%parent:
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=0x8059 class=0x0c0330
dev.xhci.0.%parent: pci0
dev.usbus.%parent:
dev.usbus.0.%desc:
dev.usbus.0.%driver: usbus
dev.usbus.0.%location:
dev.usbus.0.%pnpinfo:
dev.usbus.0.%parent: xhci0
dev.usbus.1.%desc:
dev.usbus.1.%driver: usbus
dev.usbus.1.%location:
dev.usbus.1.%pnpinfo:
dev.usbus.1.%parent: ehci0
dev.usbus.2.%desc:
dev.usbus.2.%driver: usbus
dev.usbus.2.%location:
dev.usbus.2.%pnpinfo:
dev.usbus.2.%parent: ehci1
dev.ehci.%parent:
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=0x8059 class=0x0c0320
dev.ehci.0.%parent: pci0
dev.ehci.1.%desc: EHCI (generic) USB 2.0 controller
dev.ehci.1.%driver: ehci
dev.ehci.1.%location: slot=29 function=0 handle=\_SB_.PCI0.EHC1
dev.ehci.1.%pnpinfo: vendor=0x8086 device=0x8d26 subvendor=0x1bcf subdevice=0x8059 class=0x0c0320
dev.ehci.1.%parent: pci0
dev.bge.%parent:
dev.bge.0.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000
dev.bge.0.%driver: bge
dev.bge.0.%location: slot=0 function=0 handle=\_SB_.PCI0.RP03.LAN1
dev.bge.0.%pnpinfo: vendor=0x14e4 device=0x165f subvendor=0x1bcf subdevice=0x8059 class=0x020000
dev.bge.0.%parent: pci97
dev.bge.0.forced_collapse: 0
dev.bge.0.msi: 1
dev.bge.0.forced_udpcsum: 0
dev.bge.0.stats.FramesDroppedDueToFilters: 0
dev.bge.0.stats.DmaWriteQueueFull: 0
dev.bge.0.stats.DmaWriteHighPriQueueFull: 0
dev.bge.0.stats.NoMoreRxBDS: 0
dev.bge.0.stats.InputDiscards: 0
dev.bge.0.stats.InputErrors: 0
dev.bge.0.stats.RecvThresholdHit: 0
dev.bge.0.stats.rx.ifHCInOctets: 1670371
dev.bge.0.stats.rx.Fragments: 0
dev.bge.0.stats.rx.UnicastPkts: 1535
dev.bge.0.stats.rx.MulticastPkts: 2766
dev.bge.0.stats.rx.BroadcastPkts: 4697
dev.bge.0.stats.rx.FCSerrors: 0
dev.bge.0.stats.rx.AlignmentErrors: 0

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dev.bge.0.stats.rx.xonPauseFramesReceived: 0
dev.bge.0.stats.rx.xoffPauseFramesReceived: 0
dev.bge.0.stats.rx.ControlFramesReceived: 0
dev.bge.0.stats.rx.xoffStateEntered: 0
dev.bge.0.stats.rx.FramesTooLong: 0
dev.bge.0.stats.rx.Jabbers: 0
dev.bge.0.stats.rx.UndersizePkts: 0
dev.bge.0.stats.tx.ifHCOutOctets: 88398
dev.bge.0.stats.tx.Collisions: 0
dev.bge.0.stats.tx.XonSent: 0
dev.bge.0.stats.tx.XoffSent: 0
dev.bge.0.stats.tx.InternalMacTransmitErrors: 0
dev.bge.0.stats.tx.SingleCollisionFrames: 0
dev.bge.0.stats.tx.MultipleCollisionFrames: 0
dev.bge.0.stats.tx.DeferredTransmissions: 0
dev.bge.0.stats.tx.ExcessiveCollisions: 0
dev.bge.0.stats.tx.LateCollisions: 0
dev.bge.0.stats.tx.UnicastPkts: 881
dev.bge.0.stats.tx.MulticastPkts: 0
dev.bge.0.stats.tx.BroadcastPkts: 2
dev.bge.1.%desc: Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000
dev.bge.1.%driver: bge
dev.bge.1.%location: slot=0 function=1 handle=_SB_.PCI0.RP03.LAN2
dev.bge.1.%pnpinfo: vendor=0x14e4 device=0x165f subvendor=0x1bcf subdevice=0x8059 class=0x020000
dev.bge.1.%parent: pci97
dev.bge.1.forced_collapse: 0
dev.bge.1.msi: 1
dev.bge.1.forced_udpcsum: 0
dev.bge.1.stats.FramesDroppedDueToFilters: 0
dev.bge.1.stats.DmaWriteQueueFull: 0
dev.bge.1.stats.DmaWriteHighPriQueueFull: 0
dev.bge.1.stats.NoMoreRxBDs: 0
dev.bge.1.stats.InputDiscards: 0
dev.bge.1.stats.InputErrors: 0
dev.bge.1.stats.RecvThresholdHit: 0
dev.bge.1.stats.rx.ifHCInOctets: 0
dev.bge.1.stats.rx.Fragments: 0
dev.bge.1.stats.rx.UnicastPkts: 0
dev.bge.1.stats.rx.MulticastPkts: 0
dev.bge.1.stats.rx.BroadcastPkts: 0
dev.bge.1.stats.rx.FCSerrors: 0
dev.bge.1.stats.rx.AlignmentErrors: 0
dev.bge.1.stats.rx.xonPauseFramesReceived: 0
dev.bge.1.stats.rx.xoffPauseFramesReceived: 0
dev.bge.1.stats.rx.ControlFramesReceived: 0
dev.bge.1.stats.rx.xoffStateEntered: 0
dev.bge.1.stats.rx.FramesTooLong: 0
dev.bge.1.stats.rx.Jabbers: 0
dev.bge.1.stats.rx.UndersizePkts: 0
dev.bge.1.stats.tx.ifHCOutOctets: 0
dev.bge.1.stats.tx.Collisions: 0
dev.bge.1.stats.tx.XonSent: 0
dev.bge.1.stats.tx.XoffSent: 0
dev.bge.1.stats.tx.InternalMacTransmitErrors: 0
dev.bge.1.stats.tx.SingleCollisionFrames: 0
dev.bge.1.stats.tx.MultipleCollisionFrames: 0
dev.bge.1.stats.tx.DeferredTransmissions: 0
dev.bge.1.stats.tx.ExcessiveCollisions: 0
dev.bge.1.stats.tx.LateCollisions: 0
dev.bge.1.stats.tx.UnicastPkts: 0
dev.bge.1.stats.tx.MulticastPkts: 0
dev.bge.1.stats.tx.BroadcastPkts: 0
dev.miibus.%parent:
dev.miibus.0.%desc: MII bus
dev.miibus.0.%driver: miibus
dev.miibus.0.%location:
dev.miibus.0.%pnpinfo:
dev.miibus.0.%parent: bge0
dev.miibus.1.%desc: MII bus
dev.miibus.1.%driver: miibus
dev.miibus.1.%location:
dev.miibus.1.%pnpinfo:
dev.miibus.1.%parent: bge1
dev.brgphy.%parent:
dev.brgphy.0.%desc: BCM5720C 1000BASE-T media interface
dev.brgphy.0.%driver: brgphy
dev.brgphy.0.%location: phyno=1
dev.brgphy.0.%pnpinfo: oui=0x1be9 model=0x36 rev=0x0
dev.brgphy.0.%parent: miibus0
dev.brgphy.1.%desc: BCM5720C 1000BASE-T media interface
dev.brgphy.1.%driver: brgphy
dev.brgphy.1.%location: phyno=2
dev.brgphy.1.%pnpinfo: oui=0x1be9 model=0x36 rev=0x0
dev.brgphy.1.%parent: miibus1
dev.vgapci.%parent:
dev.vgapci.0.%desc: VGA-compatible display
dev.vgapci.0.%driver: vgapci
dev.vgapci.0.%location: slot=0 function=0 handle=_SB_.PCI0.RP04.D042
dev.vgapci.0.%pnpinfo: vendor=0x102b device=0x0522 subvendor=0x1bcf subdevice=0x8059 class=0x030000
dev.vgapci.0.%parent: pci98
dev.isab.%parent:

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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=0x8059 class=0x060100
dev.isab.0.%parent: pci0
dev.isa.%parent:
dev.isa.0.%desc: ISA bus
dev.isa.0.%driver: isa
dev.isa.0.%location:
dev.isa.0.%pnpinfo:
dev.isa.0.%parent: isab0
dev.ahci.%parent:
dev.ahci.0.%desc: Intel Wellsburg 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=0x8059 class=0x010601
dev.ahci.0.%parent: pci0
dev.ahcich.%parent:
dev.ahcich.0.%desc: AHCI channel
dev.ahcich.0.%driver: ahcich
dev.ahcich.0.%location: channel=0
dev.ahcich.0.%pnpinfo:
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.%pnpinfo:
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.%pnpinfo:
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.%pnpinfo:
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.%pnpinfo:
dev.ahcich.4.%parent: ahci0
dev.ahciem.%parent:
dev.ahciem.0.%desc: AHCI enclosure management bridge
dev.ahciem.0.%driver: ahciem
dev.ahciem.0.%location:
dev.ahciem.0.%pnpinfo:
dev.ahciem.0.%parent: ahci0
dev.acpi_button.%parent:
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.%parent:
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.fpu_pnp.%parent:
dev.fpu_pnp.0.%desc: Legacy ISA coprocessor support
dev.fpu_pnp.0.%driver: fpu_pnp
dev.fpu_pnp.0.%location: handle=\_SB_.PCI0.LPC0.FPU
dev.fpu_pnp.0.%pnpinfo: _HID=PNP0C04 _UID=0
dev.fpu_pnp.0.%parent: acpi0
dev.uart.%parent:
dev.uart.0.%desc: 16550 or compatible
dev.uart.0.%driver: uart
dev.uart.0.%location: handle=\_SB_.PCI0.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.%parent:
dev.apic.0.%desc: APIC resources
dev.apic.0.%driver: apic
dev.apic.0.%location:
dev.apic.0.%pnpinfo:
dev.apic.0.%parent: nexus0
dev.orm.%parent:
dev.orm.0.%desc: ISA Option ROM
dev.orm.0.%driver: orm
dev.orm.0.%location:
dev.orm.0.%pnpinfo:
dev.orm.0.%parent: isa0
dev.sc.%parent:

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dev.sc.0.%desc: System console
dev.sc.0.%driver: sc
dev.sc.0.%location:
dev.sc.0.%npninfo:
dev.sc.0.%parent: isa0
dev.vga.%parent:
dev.vga.0.%desc: Generic ISA VGA
dev.vga.0.%driver: vga
dev.vga.0.%location:
dev.vga.0.%npninfo:
dev.vga.0.%parent: isa0
dev.acpi_perf.%parent:
dev.acpi_perf.0.%desc:
dev.acpi_perf.0.%driver: acpi_perf
dev.acpi_perf.0.%location:
dev.acpi_perf.0.%npninfo:
dev.acpi_perf.0.%parent: cpu0
dev.acpi_perf.1.%desc:
dev.acpi_perf.1.%driver: acpi_perf
dev.acpi_perf.1.%location:
dev.acpi_perf.1.%npninfo:
dev.acpi_perf.1.%parent: cpu1
dev.acpi_perf.2.%desc:
dev.acpi_perf.2.%driver: acpi_perf
dev.acpi_perf.2.%location:
dev.acpi_perf.2.%npninfo:
dev.acpi_perf.2.%parent: cpu2
dev.acpi_perf.3.%desc:
dev.acpi_perf.3.%driver: acpi_perf
dev.acpi_perf.3.%location:
dev.acpi_perf.3.%npninfo:
dev.acpi_perf.3.%parent: cpu3
dev.acpi_perf.4.%desc:
dev.acpi_perf.4.%driver: acpi_perf
dev.acpi_perf.4.%location:
dev.acpi_perf.4.%npninfo:
dev.acpi_perf.4.%parent: cpu4
dev.acpi_perf.5.%desc:
dev.acpi_perf.5.%driver: acpi_perf
dev.acpi_perf.5.%location:
dev.acpi_perf.5.%npninfo:
dev.acpi_perf.5.%parent: cpu5
dev.acpi_perf.6.%desc:
dev.acpi_perf.6.%driver: acpi_perf
dev.acpi_perf.6.%location:
dev.acpi_perf.6.%npninfo:
dev.acpi_perf.6.%parent: cpu6
dev.acpi_perf.7.%desc:
dev.acpi_perf.7.%driver: acpi_perf
dev.acpi_perf.7.%location:
dev.acpi_perf.7.%npninfo:
dev.acpi_perf.7.%parent: cpu7
dev.acpi_perf.8.%desc:
dev.acpi_perf.8.%driver: acpi_perf
dev.acpi_perf.8.%location:
dev.acpi_perf.8.%npninfo:
dev.acpi_perf.8.%parent: cpu8
dev.acpi_perf.9.%desc:
dev.acpi_perf.9.%driver: acpi_perf
dev.acpi_perf.9.%location:
dev.acpi_perf.9.%npninfo:
dev.acpi_perf.9.%parent: cpu9
dev.acpi_perf.10.%desc:
dev.acpi_perf.10.%driver: acpi_perf
dev.acpi_perf.10.%location:
dev.acpi_perf.10.%npninfo:
dev.acpi_perf.10.%parent: cpu10
dev.acpi_perf.11.%desc:
dev.acpi_perf.11.%driver: acpi_perf
dev.acpi_perf.11.%location:
dev.acpi_perf.11.%npninfo:
dev.acpi_perf.11.%parent: cpu11
dev.est.%parent:
dev.est.0.%desc: Enhanced SpeedStep Frequency Control
dev.est.0.%driver: est
dev.est.0.%location:
dev.est.0.%npninfo:
dev.est.0.%parent: cpu0
dev.est.0.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.1.%desc: Enhanced SpeedStep Frequency Control
dev.est.1.%driver: est
dev.est.1.%location:
dev.est.1.%npninfo:
dev.est.1.%parent: cpu1
dev.est.1.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883
dev.est.2.%desc: Enhanced SpeedStep Frequency Control
dev.est.2.%driver: est
dev.est.2.%location:
dev.est.2.%npninfo:
dev.est.2.%parent: cpu2
dev.est.2.freq_settings: 1600/85000 1500/78152 1400/72277 1300/66521 1200/60883

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

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dev.cpufreq.7.%driver: cpufreq
dev.cpufreq.7.%location:
dev.cpufreq.7.%pnpinfo:
dev.cpufreq.7.%parent: cpu7
dev.cpufreq.8.%desc:
dev.cpufreq.8.%driver: cpufreq
dev.cpufreq.8.%location:
dev.cpufreq.8.%pnpinfo:
dev.cpufreq.8.%parent: cpu8
dev.cpufreq.9.%desc:
dev.cpufreq.9.%driver: cpufreq
dev.cpufreq.9.%location:
dev.cpufreq.9.%pnpinfo:
dev.cpufreq.9.%parent: cpu9
dev.cpufreq.10.%desc:
dev.cpufreq.10.%driver: cpufreq
dev.cpufreq.10.%location:
dev.cpufreq.10.%pnpinfo:
dev.cpufreq.10.%parent: cpu10
dev.cpufreq.11.%desc:
dev.cpufreq.11.%driver: cpufreq
dev.cpufreq.11.%location:
dev.cpufreq.11.%pnpinfo:
dev.cpufreq.11.%parent: cpu11
dev.p4tcc.%parent:
dev.p4tcc.0.%desc: CPU Frequency Thermal Control
dev.p4tcc.0.%driver: p4tcc
dev.p4tcc.0.%location:
dev.p4tcc.0.%pnpinfo:
dev.p4tcc.0.%parent: cpu0
dev.p4tcc.0.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.1.%desc: CPU Frequency Thermal Control
dev.p4tcc.1.%driver: p4tcc
dev.p4tcc.1.%location:
dev.p4tcc.1.%pnpinfo:
dev.p4tcc.1.%parent: cpu1
dev.p4tcc.1.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.2.%desc: CPU Frequency Thermal Control
dev.p4tcc.2.%driver: p4tcc
dev.p4tcc.2.%location:
dev.p4tcc.2.%pnpinfo:
dev.p4tcc.2.%parent: cpu2
dev.p4tcc.2.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.3.%desc: CPU Frequency Thermal Control
dev.p4tcc.3.%driver: p4tcc
dev.p4tcc.3.%location:
dev.p4tcc.3.%pnpinfo:
dev.p4tcc.3.%parent: cpu3
dev.p4tcc.3.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.4.%desc: CPU Frequency Thermal Control
dev.p4tcc.4.%driver: p4tcc
dev.p4tcc.4.%location:
dev.p4tcc.4.%pnpinfo:
dev.p4tcc.4.%parent: cpu4
dev.p4tcc.4.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.5.%desc: CPU Frequency Thermal Control
dev.p4tcc.5.%driver: p4tcc
dev.p4tcc.5.%location:
dev.p4tcc.5.%pnpinfo:
dev.p4tcc.5.%parent: cpu5
dev.p4tcc.5.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.6.%desc: CPU Frequency Thermal Control
dev.p4tcc.6.%driver: p4tcc
dev.p4tcc.6.%location:
dev.p4tcc.6.%pnpinfo:
dev.p4tcc.6.%parent: cpu6
dev.p4tcc.6.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.7.%desc: CPU Frequency Thermal Control
dev.p4tcc.7.%driver: p4tcc
dev.p4tcc.7.%location:
dev.p4tcc.7.%pnpinfo:
dev.p4tcc.7.%parent: cpu7
dev.p4tcc.7.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.8.%desc: CPU Frequency Thermal Control
dev.p4tcc.8.%driver: p4tcc
dev.p4tcc.8.%location:
dev.p4tcc.8.%pnpinfo:
dev.p4tcc.8.%parent: cpu8
dev.p4tcc.8.freq_settings: 10000/-1 8750/-1 7500/-1 6250/-1 5000/-1 3750/-1 2500/-1 1250/-1
dev.p4tcc.9.%desc: CPU Frequency Thermal Control
dev.p4tcc.9.%driver: p4tcc
dev.p4tcc.9.%location:
dev.p4tcc.9.%pnpinfo:
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.%location:
dev.p4tcc.10.%pnpinfo:
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

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dev.p4tcc.11.%desc: CPU Frequency Thermal Control
dev.p4tcc.11.%driver: p4tcc
dev.p4tcc.11.%location:
dev.p4tcc.11.%pnpinfo:
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.uhub.%parent:
dev.uhub.0.%desc: 0x8086 XHCI root HUB, class 9/0, rev 3.00/1.00, addr 1
dev.uhub.0.%driver: uhub
dev.uhub.0.%location:
dev.uhub.0.%pnpinfo:
dev.uhub.0.%parent: usb0
dev.uhub.1.%desc: Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1
dev.uhub.1.%driver: uhub
dev.uhub.1.%location:
dev.uhub.1.%pnpinfo:
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.%location:
dev.uhub.2.%pnpinfo:
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=2 hubaddr=1 port=1 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 1
dev.uhub.5.%driver: uhub
dev.uhub.5.%location: bus=0 hubaddr=1 port=6 devaddr=2 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: uhub0
dev.ukbd.%parent:
dev.ukbd.0.%desc: Topre Corporation HHKB Professional, class 0/0, rev 1.10/1.02, addr 2
dev.ukbd.0.%driver: ukbd
dev.ukbd.0.%location: bus=0 hubaddr=2 port=1 devaddr=3 interface=0
dev.ukbd.0.%pnpinfo: vendor=0x0853 product=0x0100 devclass=0x00 devsubclass=0x00 sernum="" release=0x0102 mode=host intclass=0x03
intsubclass=0x01 intprotocol=0x01
dev.ukbd.0.%parent: uhub5
dev.ukbd.1.%desc: Keyboard Interface
dev.ukbd.1.%driver: ukbd
dev.ukbd.1.%location: bus=0 hubaddr=1 port=7 devaddr=4 interface=0
dev.ukbd.1.%pnpinfo: vendor=0x046b product=0xff10 devclass=0x00 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x03
intsubclass=0x01 intprotocol=0x01
dev.ukbd.1.%parent: uhub0
dev.ums.%parent:
dev.ums.0.%desc: Mouse Interface
dev.ums.0.%driver: ums
dev.ums.0.%location: bus=0 hubaddr=1 port=7 devaddr=4 interface=1
dev.ums.0.%pnpinfo: vendor=0x046b product=0xff10 devclass=0x00 devsubclass=0x00 sernum="" release=0x0100 mode=host intclass=0x03
intsubclass=0x01 intprotocol=0x02
dev.ums.0.%parent: uhub0
dev.ums.0.parseinfo: i1: Z:r0, p40, s8; B1:r0, p0, s1; B2:r0, p1, s1; B3:r0, p2, s1;
hptmv.status: RocketRAID 18xx SATA Controller driver Version v1.16

```

システム起動時メッセージ

```
Copyright (c) 1992-2014 The FreeBSD Project.
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FreeBSD is a registered trademark of The FreeBSD Foundation.
FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 21:02:49 UTC 2014
    root@releng1.nyi.freebsd.org:/usr/obj/usr/src/sys/GENERIC amd64
FreeBSD clang version 3.4.1 (tags/RELEASE_34/dot1-final 208032) 20140512
CPU: Intel(R) Xeon(R) CPU E5-2603 v3 @ 1.60GHz (1600.03-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,DTES64,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,LM>
    AMD Features2=0x21<LAHF,ABM>
    Structured Extended Features=0x37ab<FSGSBASE,TSCADJ,BMI1,AVX2,SMEP,BMI2,ERMS,INVPID>
    VT-x: PAT,HLT,MTF,PAUSE,EPT,UG,VPID,VID,PostIntr
    TSC: P-state invariant, performance statistics
real memory = 68719476736 (65536 MB)
avail memory = 66598686720 (63513 MB)
Event timer "LAPIC" quality 600
ACPI APIC Table: <AMI 0694 >
FreeBSD/SMP: Multiprocessor System Detected: 12 CPUs
FreeBSD/SMP: 2 package(s) x 6 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: 10
cpu6 (AP): APIC ID: 16
cpu7 (AP): APIC ID: 18
cpu8 (AP): APIC ID: 20
cpu9 (AP): APIC ID: 22
cpu10 (AP): APIC ID: 24
cpu11 (AP): APIC ID: 26
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
random: <Software, Yarrow> initialized
acpi0: <AMI 0694> 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
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
hp0: <High Precision Event Timer> iomem 0xfed00000-0xfed003ff on acpi0
Timecounter "HPET" frequency 14318180 Hz quality 950
Event timer "HPET" frequency 14318180 Hz quality 350
Event timer "HPET1" frequency 14318180 Hz quality 340
Event timer "HPET2" frequency 14318180 Hz quality 340
Event timer "HPET3" frequency 14318180 Hz quality 340
Event timer "HPET4" frequency 14318180 Hz quality 340
Event timer "HPET5" frequency 14318180 Hz quality 340
Event timer "HPET6" frequency 14318180 Hz quality 340
Event timer "HPET7" frequency 14318180 Hz quality 340
Timecounter "ACPI-fast" frequency 3579545 Hz quality 900
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x408-0x40b on acpi0
pcib0: <ACPI Host-PCI bridge> 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 0xcfc8-0xcfff on acpi0
pci0: <ACPI PCI bus> on pcib2
pci3: <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: 06.704.01.01-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.
pci4: <ACPI PCI-PCI bridge> irq 33 at device 2.0 on pci0
pci32: <ACPI PCI bus> on pcib4
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pci5: <ACPI PCI-PCI bridge> irq 41 at device 3.0 on pci0
pci64: <ACPI PCI bus> on pci5
pci0: <unknown> at device 17.0 (no driver attached)
xhci0: <XHCI (generic) USB 3.0 controller> mem 0xc7d00000-0xc7d0ffff irq 19 at device 20.0 on pci0
xhci0: 32 byte context size.
usb0 on xhci0
pci0: <simple comms> at device 22.0 (no driver attached)
pci0: <simple comms> at device 22.1 (no driver attached)
ehci0: <EHCI (generic) USB 2.0 controller> mem 0xc7d34000-0xc7d343ff irq 18 at device 26.0 on pci0
usb1: EHCI version 1.0
usb1 on ehci0
pci6: <ACPI PCI-PCI bridge> irq 16 at device 28.0 on pci0
pci65: <ACPI PCI bus> on pci6
pci7: <ACPI PCI-PCI bridge> irq 18 at device 28.2 on pci0
pci97: <ACPI PCI bus> on pci7
bge0: <Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000> mem
0xc6050000-0xc605ffff,0xc6040000-0xc604ffff,0xc6030000-0xc603ffff irq 18 at device 0.0 on pci97
bge0: APE FW version: NCSI v1.2.46.0
bge0: CHIP ID 0x05720000; ASIC REV 0x5720; CHIP REV 0x57200; PCI-E
miibus0: <MII bus> on bge0
brgphy0: <BCM5720C 1000BASE-T media interface> PHY 1 on miibus0
brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge0: Ethernet address: fc:aa:14:a3:c4:bf
bge1: <Broadcom NetXtreme Gigabit Ethernet Controller, ASIC rev. 0x5720000> mem
0xc6020000-0xc602ffff,0xc6010000-0xc601ffff,0xc6000000-0xc600ffff irq 19 at device 0.1 on pci97
bge1: APE FW version: NCSI v1.2.46.0
bge1: CHIP ID 0x05720000; ASIC REV 0x5720; CHIP REV 0x57200; PCI-E
miibus1: <MII bus> on bge1
brgphy1: <BCM5720C 1000BASE-T media interface> PHY 2 on miibus1
brgphy1: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-master, 1000baseT-FDX, 1000baseT-FDX-master, auto, auto-flow
bge1: Ethernet address: fc:aa:14:a3:c4:c0
pci8: <ACPI PCI-PCI bridge> irq 19 at device 28.3 on pci0
pci8: failed to allocate initial memory window: 0xc7000000-0xc79fffff
pci98: <ACPI PCI bus> on pci8
vgapci0: <VGA-compatible display> mem 0xc5000000-0xc5ffffff,0xc7000000-0xc77fffff irq 16 at device 0.0 on pci98
vgapci0: Boot video device
ehci1: <EHCI (generic) USB 2.0 controller> mem 0xc7d33000-0xc7d333ff irq 18 at device 29.0 on pci0
usb2: EHCI version 1.0
usb2 on ehci1
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
ahci0: <Intel Wellsburg AHCI SATA controller> port 0x7050-0x7057,0x7040-0x7043,0x7030-0x7037,0x7020-0x7023,0x7000-0x701f mem
0xc7d32000-0xc7d327ff irq 16 at device 31.2 on pci0
ahci0: AHCI v1.30 with 5 6Gbps ports, Port Multiplier not supported
ahcich0: <AHCI channel> at channel 0 on ahci0
ahcich1: <AHCI channel> at channel 1 on ahci0
ahcich2: <AHCI channel> at channel 2 on ahci0
ahcich3: <AHCI channel> at channel 3 on ahci0
ahcich4: <AHCI channel> at channel 4 on ahci0
ahciem0: <AHCI enclosure management bridge> on ahci0
pci9: <ACPI Host-PCI bridge> on acpi0
pci128: <ACPI PCI bus> on pci9
pci10: <ACPI PCI-PCI bridge> at device 0.0 on pci128
pci129: <ACPI PCI bus> on pci10
pci11: <ACPI PCI-PCI bridge> irq 51 at device 1.0 on pci128
pci130: <ACPI PCI bus> on pci11
pci12: <ACPI PCI-PCI bridge> irq 56 at device 2.0 on pci128
pci131: <ACPI PCI bus> on pci12
pci13: <ACPI PCI-PCI bridge> irq 64 at device 3.0 on pci128
pci132: <ACPI PCI bus> on pci13
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
uart1: console (19200,n,8,1)
orm0: <ISA Option ROM> at iomem 0xc0000-0xc7fff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
ppc0: cannot reserve I/O port range
est0: <Enhanced SpeedStep Frequency Control> on cpu0
p4tcc0: <CPU Frequency Thermal Control> on cpu0
est1: <Enhanced SpeedStep Frequency Control> on cpu1
p4tcc1: <CPU Frequency Thermal Control> on cpu1
est2: <Enhanced SpeedStep Frequency Control> on cpu2
p4tcc2: <CPU Frequency Thermal Control> on cpu2
est3: <Enhanced SpeedStep Frequency Control> on cpu3
p4tcc3: <CPU Frequency Thermal Control> on cpu3
est4: <Enhanced SpeedStep Frequency Control> on cpu4
p4tcc4: <CPU Frequency Thermal Control> on cpu4
est5: <Enhanced SpeedStep Frequency Control> on cpu5
p4tcc5: <CPU Frequency Thermal Control> on cpu5
est6: <Enhanced SpeedStep Frequency Control> on cpu6
p4tcc6: <CPU Frequency Thermal Control> on cpu6
est7: <Enhanced SpeedStep Frequency Control> on cpu7
p4tcc7: <CPU Frequency Thermal Control> on cpu7
est8: <Enhanced SpeedStep Frequency Control> on cpu8
p4tcc8: <CPU Frequency Thermal Control> on cpu8
est9: <Enhanced SpeedStep Frequency Control> on cpu9
p4tcc9: <CPU Frequency Thermal Control> on cpu9
est10: <Enhanced SpeedStep Frequency Control> on cpu10
p4tcc10: <CPU Frequency Thermal Control> on cpu10

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est11: <Enhanced SpeedStep Frequency Control> on cpu11
p4tcc11: <CPU Frequency Thermal Control> on cpu11
random: unblocking device.
usb0: 5.0Gbps Super Speed USB v3.0
Timecounters tick every 1.000 msec
usb1: 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
usb2: 480Mbps High Speed USB v2.0
ugen2.1: <Intel> at usb2
uhub2: <Intel EHCI root HUB, class 9/0, rev 2.00/1.00, addr 1> on usb2
ses0 at ahciem0 bus 0 scbus7 target 0 lun 0
ses0: <AHCI SGPIO Enclosure 1.00 0001> SEMB S-E-S 2.00 device
ses0: SEMB SES Device
da0 at mrsas0 bus 0 scbus0 target 0 lun 0
da0: <LSI MR9362-8i 4.22> Fixed Direct Access SCSI-5 device
da0: Serial Number 00ce38250902b9011de01cf309b00506
da0: 150.000MB/s transfers
da0: 857792MB (1756758016 512 byte sectors: 255H 63S/T 109353C)
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 003251
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 #10 Launched!
SMP: AP CPU #1 Launched!
SMP: AP CPU #6 Launched!
SMP: AP CPU #4 Launched!
SMP: AP CPU #11 Launched!
SMP: AP CPU #8 Launched!
SMP: AP CPU #5 Launched!
SMP: AP CPU #2 Launched!
SMP: AP CPU #7 Launched!
SMP: AP CPU #9 Launched!
SMP: AP CPU #3 Launched!
Timecounter "TSC" frequency 1600031820 Hz quality 1000
uhub1: 2 ports with 2 removable, self powered
Root mount waiting for: usb2 usb1 usb0
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 usb0
ugen0.2: <vendor 0x0409> at usb0
uhub5: <vendor 0x0409 product 0x005a, class 9/0, rev 2.00/1.00, addr 1> on usb0
uhub3: 6 ports with 6 removable, self powered
uhub4: 8 ports with 8 removable, self powered
uhub5: 3 ports with 2 removable, bus powered
ugen0.3: <Topre Corporation> at usb0
ukbd0: <Topre Corporation HHKB Professional, class 0/0, rev 1.10/1.02, addr 2> on usb0
Root mount waiting for: usb0
kbd0 at ukbd0
ugen0.4: <American Megatrends Inc.> at usb0
ukbd1: <Keyboard Interface> on usb0
Root mount waiting for: usb0
kbd2 at ukbd1
Trying to mount root from ufs:/dev/da0p2 [rw]...
ums0: <Mouse Interface> on usb0
ums0: 3 buttons and [Z] coordinates ID=0

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カーネルデバイスツリー

```
nexus0
apic0
ram0
  I/O memory addresses:
    0x0-0x99bfff
    0x100000-0x7ab03fff
    0x7bd5d000-0x7bd5dfff
    0x7bde4000-0x7bfffffff
    0x100000000-0x107fffffff
acpi0
  Interrupt request lines:
    0x9
  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:
    0xc780000-0xc78ffff
    0xc7914000-0xc7914fff
    0xfed12000-0xfed1200f
    0xfed12010-0xfed1201f
    0xfed1b000-0xfed1bfff
    0xfed1c000-0xfed3ffff
    0xfed45000-0xfed8bfff
    0xfe00000-0xfeffffff
    0xff00000-0xffffffff
pcib0
pci255
pcib1
pci127
cpu0
  ACPI I/O ports:
    0x415
  acpi_perf0
  est0
  p4tcc0
  cpufreq0
cpu1
  ACPI I/O ports:
    0x415
  acpi_perf1
  est1
  p4tcc1
  cpufreq1
cpu2
  ACPI I/O ports:
    0x415
  acpi_perf2
  est2
  p4tcc2
  cpufreq2
cpu3
  ACPI I/O ports:
    0x415
  acpi_perf3
  est3
  p4tcc3
  cpufreq3
cpu4
  ACPI I/O ports:
    0x415
  acpi_perf4
  est4
  p4tcc4
  cpufreq4
cpu5
  ACPI I/O ports:
    0x415
  acpi_perf5
  est5
  p4tcc5
  cpufreq5
cpu6
  ACPI I/O ports:
    0x415
```

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acpi_perf6
est6
p4tcc6
cpufreq6
cpu7
  ACPI I/O ports:
    0x415
acpi_perf7
est7
p4tcc7
cpufreq7
cpu8
  ACPI I/O ports:
    0x415
acpi_perf8
est8
p4tcc8
cpufreq8
cpu9
  ACPI I/O ports:
    0x415
acpi_perf9
est9
p4tcc9
cpufreq9
cpu10
  ACPI I/O ports:
    0x415
acpi_perf10
est10
p4tcc10
cpufreq10
cpu11
  ACPI I/O ports:
    0x415
acpi_perf11
est11
p4tcc11
cpufreq11
pcib2
  I/O ports:
    0xcf8-0xcff
pci0
hostb0
pcib3
  I/O ports:
    0x6000-0x6fff
  I/O memory addresses:
    0xc7a00000-0xc7cfffff
pci1
mrsas0
  Interrupt request lines:
    0x1a
pcib3 I/O port window:
    0x6000-0x60ff
pcib3 memory window:
    0xc7b00000-0xc7bfffff
    0xc7c00000-0xc7cfffff
pcib4
pci32
pcib5
pci64
ioapic0
  I/O memory addresses:
    0xc7d38000-0xc7d38fff
xhci0
  Interrupt request lines:
    0x13
  I/O memory addresses:
    0xc7d00000-0xc7d0ffff
usb0
uhub0
uhub5
ukbd0
ukbd1
ums0
ehci0
  Interrupt request lines:
    0x12
  I/O memory addresses:
    0xc7d34000-0xc7d343ff
usb1
uhub1
uhub3
pcib6
pci65
pcib7
  I/O memory addresses:
    0xc6000000-0xc60fffff
pci97
bge0

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Interrupt request lines:
  0x108
pcib7 prefetch window:
  0xc6030000-0xc603ffff
  0xc6040000-0xc604ffff
  0xc6050000-0xc605ffff
miibus0
brgphy0
bge1
  Interrupt request lines:
    0x109
  pcib7 prefetch window:
    0xc6000000-0xc600ffff
    0xc6010000-0xc601ffff
    0xc6020000-0xc602ffff
miibus1
brgphy1
pcib8
  I/O memory addresses:
    0xc5000000-0xc5ffffff
    0xc7000000-0xc77fffff
pci98
vgapci0
  pcib8 memory window:
    0xc7000000-0xc77fffff
  pcib8 prefetch window:
    0xc5000000-0xc5ffffff
ehci1
  Interrupt request lines:
    0x12
  I/O memory addresses:
    0xc7d33000-0xc7d333ff
usb2
uhub2
uhub4
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:
    0x10a
  I/O ports:
    0x7000-0x701f
    0x7020-0x7023
    0x7030-0x7037
    0x7040-0x7043
    0x7050-0x7057
  I/O memory addresses:
    0xc7d32000-0xc7d327ff
ahcich0
  I/O memory addresses:
    0xc7d32100-0xc7d3217f
ahcich1
  I/O memory addresses:
    0xc7d32180-0xc7d321ff
ahcich2
  I/O memory addresses:
    0xc7d32200-0xc7d3227f
ahcich3
  I/O memory addresses:
    0xc7d32280-0xc7d322ff
ahcich4
  I/O memory addresses:
    0xc7d32300-0xc7d3237f
ahciem0
  I/O memory addresses:
    0xc7d32020-0xc7d32023
    0xc7d32580-0xc7d32587
atdma0
  DMA request lines:
    4
  I/O ports:
    0x0-0xf
    0x81-0x83
    0x87
    0x89-0x8b
    0x8f
    0xc0-0xdf
atrtc0
  Interrupt request lines:
    0x8
  I/O ports:
    0x70-0x71

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```
    0x74-0x77
fpupnp0
  I/O ports:
    0xf0
attimer0
  Interrupt request lines:
    0x0
  I/O ports:
    0x40-0x43
    0x50-0x53
hpet0
  Interrupt request lines:
    0x100
    0x101
    0x102
    0x103
    0x104
    0x105
    0x106
    0x107
  I/O memory addresses:
    0xfed00000-0xfed003ff
acpi_sysresource0
acpi_sysresource1
uart0
  Interrupt request lines:
    0x4
  I/O ports:
    0x3f8-0x3ff
uart1
  Interrupt request lines:
    0x3
  I/O ports:
    0x2f8-0x2ff
acpi_sysresource2
pcib9
  pci128
  pci129
  pci130
  pci131
  pci132
  pci133
  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@pci0:255:8:0: class=0x088000 card=0x2f808086 chip=0x2f808086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none1@pci0:255:8:2: class=0x110100 card=0x2f328086 chip=0x2f328086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = dasp
none2@pci0:255:8:3: class=0x088000 card=0x2f838086 chip=0x2f838086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none3@pci0:255:11:0: class=0x088000 card=0x80591bcf chip=0x2f818086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none4@pci0:255:11:1: class=0x110100 card=0x80591bcf chip=0x2f368086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = dasp
none5@pci0:255:11:2: class=0x110100 card=0x80591bcf chip=0x2f378086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = dasp
none6@pci0:255:12:0: class=0x088000 card=0x80591bcf chip=0x2fe08086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none7@pci0:255:12:1: class=0x088000 card=0x80591bcf chip=0x2fe18086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none8@pci0:255:12:2: class=0x088000 card=0x80591bcf chip=0x2fe28086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none9@pci0:255:12:3: class=0x088000 card=0x80591bcf chip=0x2fe38086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none10@pci0:255:12:4: class=0x088000 card=0x80591bcf chip=0x2fe48086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none11@pci0:255:12:5: class=0x088000 card=0x80591bcf chip=0x2fe58086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none12@pci0:255:15:0: class=0x088000 card=0x00000000 chip=0x2ff88086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none13@pci0:255:15:1: class=0x088000 card=0x00000000 chip=0x2ff98086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none14@pci0:255:15:4: class=0x088000 card=0x80591bcf chip=0x2ffc8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none15@pci0:255:15:5: class=0x088000 card=0x80591bcf chip=0x2ffd8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none16@pci0:255:15:6: class=0x088000 card=0x80591bcf chip=0x2ffe8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none17@pci0:255:16:0: class=0x088000 card=0x80591bcf chip=0x2fd8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none18@pci0:255:16:1: class=0x110100 card=0x80591bcf chip=0x2f348086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = dasp
none19@pci0:255:16:5: class=0x088000 card=0x80591bcf chip=0x2fe8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none20@pci0:255:16:6: class=0x110100 card=0x80591bcf chip=0x2f7d8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = dasp
none21@pci0:255:16:7: class=0x088000 card=0x80591bcf chip=0x2f1f8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none22@pci0:255:18:0: class=0x088000 card=0x80591bcf chip=0x2fa8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none23@pci0:255:18:1: class=0x110100 card=0x2f308086 chip=0x2f308086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = dasp
none24@pci0:255:19:0: class=0x088000 card=0x80591bcf chip=0x2fa88086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none25@pci0:255:19:1: class=0x088000 card=0x80591bcf chip=0x2f718086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none26@pci0:255:19:2: class=0x088000 card=0x80591bcf chip=0x2faa8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none27@pci0:255:19:3: class=0x088000 card=0x80591bcf chip=0x2fab8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class    = base peripheral
none28@pci0:255:19:4: class=0x088000 card=0x80591bcf chip=0x2fac8086 rev=0x02 hdr=0x00
```



```

class = dasp
none59@pci:0:127:8:3: class=0x088000 card=0x2f838086 chip=0x2f838086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none60@pci:0:127:11:0: class=0x088000 card=0x80591bcf chip=0x2f818086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none61@pci:0:127:11:1: class=0x110100 card=0x80591bcf chip=0x2f368086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = dasp
none62@pci:0:127:11:2: class=0x110100 card=0x80591bcf chip=0x2f378086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = dasp
none63@pci:0:127:12:0: class=0x088000 card=0x80591bcf chip=0x2fe08086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none64@pci:0:127:12:1: class=0x088000 card=0x80591bcf chip=0x2fe18086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none65@pci:0:127:12:2: class=0x088000 card=0x80591bcf chip=0x2fe28086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none66@pci:0:127:12:3: class=0x088000 card=0x80591bcf chip=0x2fe38086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none67@pci:0:127:12:4: class=0x088000 card=0x80591bcf chip=0x2fe48086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none68@pci:0:127:12:5: class=0x088000 card=0x80591bcf chip=0x2fe58086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none69@pci:0:127:15:0: class=0x088000 card=0x00000000 chip=0x2ff88086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none70@pci:0:127:15:1: class=0x088000 card=0x00000000 chip=0x2ff98086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none71@pci:0:127:15:4: class=0x088000 card=0x80591bcf chip=0x2ffc8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none72@pci:0:127:15:5: class=0x088000 card=0x80591bcf chip=0x2ffd8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none73@pci:0:127:15:6: class=0x088000 card=0x80591bcf chip=0x2ffe8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none74@pci:0:127:16:0: class=0x088000 card=0x80591bcf chip=0x2fd8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none75@pci:0:127:16:1: class=0x110100 card=0x80591bcf chip=0x2f348086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = dasp
none76@pci:0:127:16:5: class=0x088000 card=0x80591bcf chip=0x2f1e8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none77@pci:0:127:16:6: class=0x110100 card=0x80591bcf chip=0x2f7d8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = dasp
none78@pci:0:127:16:7: class=0x088000 card=0x80591bcf chip=0x2f1f8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none79@pci:0:127:18:0: class=0x088000 card=0x80591bcf chip=0x2fa08086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none80@pci:0:127:18:1: class=0x110100 card=0x2f308086 chip=0x2f308086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = dasp
none81@pci:0:127:19:0: class=0x088000 card=0x80591bcf chip=0x2fa88086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none82@pci:0:127:19:1: class=0x088000 card=0x80591bcf chip=0x2f718086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none83@pci:0:127:19:2: class=0x088000 card=0x80591bcf chip=0x2faa8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none84@pci:0:127:19:3: class=0x088000 card=0x80591bcf chip=0x2fab8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none85@pci:0:127:19:4: class=0x088000 card=0x80591bcf chip=0x2fac8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none86@pci:0:127:19:5: class=0x088000 card=0x80591bcf chip=0x2fad8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none87@pci:0:127:19:6: class=0x088000 card=0x00000000 chip=0x2fae8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
none88@pci:0:127:19:7: class=0x088000 card=0x00000000 chip=0x2faf8086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral

```

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none89@pci0:127:20:0: class=0x088000 card=0x80591bcf chip=0x2fb08086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none90@pci0:127:20:1: class=0x088000 card=0x80591bcf chip=0x2fb18086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none91@pci0:127:20:2: class=0x088000 card=0x80591bcf chip=0x2fb28086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none92@pci0:127:20:3: class=0x088000 card=0x80591bcf chip=0x2fb38086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none93@pci0:127:20:6: class=0x088000 card=0x00000000 chip=0x2f8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none94@pci0:127:20:7: class=0x088000 card=0x00000000 chip=0x2fbf8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none95@pci0:127:21:0: class=0x088000 card=0x80591bcf chip=0x2fb48086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none96@pci0:127:21:1: class=0x088000 card=0x80591bcf chip=0x2fb58086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none97@pci0:127:21:2: class=0x088000 card=0x80591bcf chip=0x2fb68086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none98@pci0:127:21:3: class=0x088000 card=0x80591bcf chip=0x2fb78086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none99@pci0:127:22:0: class=0x088000 card=0x00000000 chip=0x2f688086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none100@pci0:127:22:6: class=0x088000 card=0x00000000 chip=0x2f6e8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none101@pci0:127:22:7: class=0x088000 card=0x00000000 chip=0x2f6f8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none102@pci0:127:23:0: class=0x088000 card=0x00000000 chip=0x2fd08086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none103@pci0:127:23:4: class=0x088000 card=0x00000000 chip=0x2fb88086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none104@pci0:127:23:5: class=0x088000 card=0x00000000 chip=0x2fb98086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none105@pci0:127:23:6: class=0x088000 card=0x00000000 chip=0x2fba8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none106@pci0:127:23:7: class=0x088000 card=0x00000000 chip=0x2fbb8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none107@pci0:127:30:0: class=0x088000 card=0x80591bcf chip=0x2f988086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none108@pci0:127:30:1: class=0x088000 card=0x80591bcf chip=0x2f998086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none109@pci0:127:30:2: class=0x088000 card=0x80591bcf chip=0x2fa8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none110@pci0:127:30:3: class=0x088000 card=0x80591bcf chip=0x2fc08086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none111@pci0:127:30:4: class=0x088000 card=0x80591bcf chip=0x2f9c8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none112@pci0:127:31:0: class=0x088000 card=0x00000000 chip=0x2f888086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
none113@pci0:127:31:2: class=0x088000 card=0x00000000 chip=0x2f8a8086 rev=0x02 hdr=0x00
  vendor   = 'Intel Corporation'
  class   = base peripheral
hostb0@pci0:0:0:0: class=0x060000 card=0x80591bcf chip=0x2f008086 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@pci0:0:1:0: class=0x060400 card=0x80591bcf chip=0x2f028086 rev=0x02 hdr=0x01
  vendor   = 'Intel Corporation'
  class   = bridge
  subclass = PCI-PCI

```



```

cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port slot max data 256(256) link x8(x8)
             speed 8.0(8.0) 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@pci:0:2:0:      class=0x060400 card=0x80591bcf chip=0x2f048086 rev=0x02 hdr=0x01
vendor      = 'Intel Corporation'
class       = bridge
subclass    = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port slot max data 128(256) link x0(x16)
             speed 0.0(8.0) 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@pci:0:3:0:      class=0x060400 card=0x80591bcf chip=0x2f088086 rev=0x02 hdr=0x01
vendor      = 'Intel Corporation'
class       = bridge
subclass    = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port slot max data 128(256) link x0(x16)
             speed 0.0(8.0) 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
none114@pci:0:4:0:    class=0x088000 card=0x80591bcf chip=0x2f208086 rev=0x02 hdr=0x00
vendor      = 'Intel Corporation'
class       = base peripheral
cap 11[80] = MSI-X supports 1 message
             Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none115@pci:0:4:1:    class=0x088000 card=0x80591bcf chip=0x2f218086 rev=0x02 hdr=0x00
vendor      = 'Intel Corporation'
class       = base peripheral
cap 11[80] = MSI-X supports 1 message
             Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none116@pci:0:4:2:    class=0x088000 card=0x80591bcf chip=0x2f228086 rev=0x02 hdr=0x00
vendor      = 'Intel Corporation'
class       = base peripheral
cap 11[80] = MSI-X supports 1 message
             Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none117@pci:0:4:3:    class=0x088000 card=0x80591bcf chip=0x2f238086 rev=0x02 hdr=0x00
vendor      = 'Intel Corporation'
class       = base peripheral
cap 11[80] = MSI-X supports 1 message
             Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none118@pci:0:4:4:    class=0x088000 card=0x80591bcf chip=0x2f248086 rev=0x02 hdr=0x00
vendor      = 'Intel Corporation'
class       = base peripheral
cap 11[80] = MSI-X supports 1 message
             Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none119@pci:0:4:5:    class=0x088000 card=0x80591bcf chip=0x2f258086 rev=0x02 hdr=0x00
vendor      = 'Intel Corporation'
class       = base peripheral
cap 11[80] = MSI-X supports 1 message
             Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none120@pci:0:4:6:    class=0x088000 card=0x80591bcf chip=0x2f268086 rev=0x02 hdr=0x00
vendor      = 'Intel Corporation'
class       = base peripheral
cap 11[80] = MSI-X supports 1 message
             Table in map 0x10[0x2000], PBA in map 0x10[0x3000]

```

```

cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none121@pci:0:4:7: class=0x088000 card=0x80591bcf chip=0x2f278086 rev=0x02 hdr=0x00
vendor = 'Intel Corporation'
class = base peripheral
cap 11[80] = MSI-X supports 1 message
Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none122@pci:0:5:0: class=0x088000 card=0x80591bcf 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)
none123@pci:0:5:1: class=0x088000 card=0x80591bcf 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
none124@pci:0:5:2: class=0x088000 card=0x80591bcf 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)
ioapic@pci:0:5:4: class=0x080020 card=0x80591bcf 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
none125@pci:0:17:0: class=0xff0000 card=0x80591bcf 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
xhci@pci:0:20:0: class=0x0c0330 card=0x80591bcf chip=0x8d318086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = serial bus
subclass = USB
cap 01[70] = powerspec 2 supports D0 D3 current D0
none126@pci:0:22:0: class=0x078000 card=0x80591bcf 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
none127@pci:0:0:22:1: class=0x078000 card=0x80591bcf 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
ehci@pci:0:26:0: class=0x0c0320 card=0x80591bcf 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
pcib6@pci:0:0:28:0: class=0x060400 card=0x80591bcf chip=0x8d108086 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 x0(x1)
speed 0.0(5.0) ASPM disabled(L0s/L1)
cap 05[80] = MSI supports 1 message
cap 0d[90] = PCI Bridge card=0x80591bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
pcib7@pci:0:0:28:2: class=0x060400 card=0x80591bcf chip=0x8d148086 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 5.0(5.0) ASPM disabled(L0s/L1)
cap 05[80] = MSI supports 1 message enabled with 1 message
cap 0d[90] = PCI Bridge card=0x80591bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
pcib8@pci:0:0:28:3: class=0x060400 card=0x80591bcf 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=0x80591bcf
cap 01[a0] = powerspec 3 supports D0 D3 current D0
ehci1@pci:0:0:29:0: class=0x0c0320 card=0x80591bcf chip=0x8d268086 rev=0x05 hdr=0x00
vendor = 'Intel Corporation'
class = serial bus
subclass = USB
cap 01[50] = powerspec 2 supports D0 D3 current D0

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cap 0a[58] = EHCI Debug Port at offset 0xa0 in map 0x14
cap 13[98] = PCI Advanced Features: FLR TP
isab0@pci:0:31:0:   class=0x060100 card=0x80591bcf chip=0x8d448086 rev=0x05 hdr=0x00
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=0x80591bcf 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
none128@pci:0:31:3: class=0x0c0500 card=0x80591bcf 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'
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
                Table in map 0x14[0xe000], PBA in map 0x14[0xf000]
ecap 0001[100] = AER 2 0 fatal 0 non-fatal 1 corrected
ecap 0019[1e0] = PCIe Sec 1 lane errors 0
ecap 0004[1c0] = Power Budgeting 1
ecap 0016[190] = DPA 1
ecap 000e[148] = ARI 1
bge0@pci:0:97:0:0:   class=0x020000 card=0x80591bcf chip=0x165f14e4 rev=0x00 hdr=0x00
vendor            = 'Broadcom Corporation'
device           = 'NetXtreme BCM5720 Gigabit Ethernet PCIe'
class            = network
subclass         = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 05[58] = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0] = MSI-X supports 17 messages
                Table in map 0x20[0x0], PBA in map 0x20[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 128(256) FLR link x1(x2)
                speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 0000fcaa14a3c4bf
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
bge1@pci:0:97:0:1:   class=0x020000 card=0x80591bcf chip=0x165f14e4 rev=0x00 hdr=0x00
vendor            = 'Broadcom Corporation'
device           = 'NetXtreme BCM5720 Gigabit Ethernet PCIe'
class            = network
subclass         = ethernet
cap 01[48] = powerspec 3 supports D0 D3 current D0
cap 03[50] = VPD
cap 05[58] = MSI supports 8 messages, 64 bit enabled with 1 message
cap 11[a0] = MSI-X supports 17 messages
                Table in map 0x20[0x0], PBA in map 0x20[0x1000]
cap 10[ac] = PCI-Express 2 endpoint max data 128(256) FLR link x1(x2)
                speed 5.0(5.0) ASPM disabled(L0s/L1)
ecap 0001[100] = AER 1 0 fatal 0 non-fatal 1 corrected
ecap 0003[13c] = Serial 1 0000fcaa14a3c4c0
ecap 0004[150] = Power Budgeting 1
ecap 0002[160] = VC 1 max VC0
vgapci0@pci:0:98:0:0: class=0x030000 card=0x80591bcf chip=0x0522102b rev=0x00 hdr=0x00
vendor            = 'Matrox Electronics Systems Ltd.'
device           = 'MGA G200e [Pilot] ServerEngines (SEP1)'
class            = display
subclass         = VGA
cap 01[dc] = powerspec 2 supports D0 D3 current D0
cap 10[e4] = PCI-Express 1 legacy endpoint max data 128(256) link x1(x1)
                speed 2.5(2.5) ASPM disabled(L0s)
cap 05[54] = MSI supports 1 message
pcib10@pci:0:128:0:0: class=0x060400 card=0x80591bcf chip=0x2f018086 rev=0x02 hdr=0x01
vendor            = 'Intel Corporation'
class            = bridge
subclass         = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port max data 128(128) link x0(x4)
                speed 0.0(5.0) 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 000b[280] = Vendor 1 ID 5

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ecap 000b[300] = Vendor 1 ID 8
pcib11@pci:0:128:1:0: class=0x060400 card=0x80591bcf chip=0x2f028086 rev=0x02 hdr=0x01
vendor   = 'Intel Corporation'
class    = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port slot max data 128(256) link x0(x8)
           speed 0.0(8.0) 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
pcib12@pci:0:128:2:0: class=0x060400 card=0x80591bcf chip=0x2f048086 rev=0x02 hdr=0x01
vendor   = 'Intel Corporation'
class    = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port max data 128(256) link x0(x16)
           speed 0.0(8.0) 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@pci:0:128:3:0: class=0x060400 card=0x80591bcf chip=0x2f088086 rev=0x02 hdr=0x01
vendor   = 'Intel Corporation'
class    = bridge
subclass = PCI-PCI
cap 0d[40] = PCI Bridge card=0x80591bcf
cap 05[60] = MSI supports 2 messages, vector masks
cap 10[90] = PCI-Express 2 root port max data 128(256) link x0(x16)
           speed 0.0(8.0) 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
none129@pci:0:128:4:0: class=0x088000 card=0x80591bcf chip=0x2f208086 rev=0x02 hdr=0x00
vendor   = 'Intel Corporation'
class    = base peripheral
cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none130@pci:0:128:4:1: class=0x088000 card=0x80591bcf chip=0x2f218086 rev=0x02 hdr=0x00
vendor   = 'Intel Corporation'
class    = base peripheral
cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none131@pci:0:128:4:2: class=0x088000 card=0x80591bcf chip=0x2f228086 rev=0x02 hdr=0x00
vendor   = 'Intel Corporation'
class    = base peripheral
cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none132@pci:0:128:4:3: class=0x088000 card=0x80591bcf chip=0x2f238086 rev=0x02 hdr=0x00
vendor   = 'Intel Corporation'
class    = base peripheral
cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none133@pci:0:128:4:4: class=0x088000 card=0x80591bcf chip=0x2f248086 rev=0x02 hdr=0x00
vendor   = 'Intel Corporation'
class    = base peripheral
cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0
none134@pci:0:128:4:5: class=0x088000 card=0x80591bcf chip=0x2f258086 rev=0x02 hdr=0x00
vendor   = 'Intel Corporation'
class    = base peripheral
cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
cap 01[e0] = powerspec 3 supports D0 D3 current D0

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none135@pci0:128:4:6: class=0x088000 card=0x80591bcf chip=0x2f268086 rev=0x02 hdr=0x00
 vendor   = 'Intel Corporation'
 class   = base peripheral
 cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
 cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
none136@pci0:128:4:7: class=0x088000 card=0x80591bcf chip=0x2f278086 rev=0x02 hdr=0x00
 vendor   = 'Intel Corporation'
 class   = base peripheral
 cap 11[80] = MSI-X supports 1 message
           Table in map 0x10[0x2000], PBA in map 0x10[0x3000]
 cap 10[90] = PCI-Express 2 root endpoint max data 128(128) link x0(x0)
 cap 01[e0] = powerspec 3 supports D0 D3 current D0
none137@pci0:128:5:0: class=0x088000 card=0x80591bcf 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)
none138@pci0:128:5:1: class=0x088000 card=0x80591bcf 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
none139@pci0:128:5:2: class=0x088000 card=0x80591bcf 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)
ioapic1@pci0:128:5:4: class=0x080020 card=0x80591bcf 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

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ACPI電源管理データ詳細一覧

```
RSD PTR: OEM=AMI, ACPI_Rev=2.0x (2)
  XSDT=0x7b0d4088, length=36, cksum=140
XSDT: Length=140, Revision=1, Checksum=63,
  OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
  Creator ID=AMI, Creator Revision=0x10013
  Entries={ 0x7b0eae28, 0x7b0eaf38, 0x7b0eb048, 0x7b0eb0e8, 0x7b0eb128, 0x7b0eb160, 0x7b0eb190, 0x7b0ebfe8, 0x7b0f3918, 0x7b0f3968,
0x7b0f5250, 0x7b0f52b8, 0x7b0f5420 }
FACP: Length=268, Revision=5, Checksum=208,
  OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
  Creator ID=AMI, Creator Revision=0x10013
  FACS=0x7b641f80, DSDT=0x7b0d41a0
  INT_MODEL=APIC
  Preferred_PM_Profile=Enterprise Server (4)
  SCI_INT=9
  SMI_CMD=0xb2, ACPI_ENABLE=0xa0, ACPI_DISABLE=0xa1, S4BIOS_REQ=0x0
  PSTATE_CNT=0x0
  PM1a_EVT_BLK=0x400-0x403
  PM1a_CNT_BLK=0x404-0x405
  PM2_CNT_BLK=0x450-0x450
  PM_TMR_BLK=0x408-0x40b
  GPE0_BLK=0x420-0x42f
  P_LVL2_LAT=101 us, P_LVL3_LAT=1001 us
  FLUSH_SIZE=1024, FLUSH_STRIDE=16
  DUTY_OFFSET=1, DUTY_WIDTH=3
  DAY_ALARM=13, MON_ALARM=0, CENTURY=50
  IAPC_BOOT_ARCH={LEGACY_DEVICES,NO_ASPM}
  Flags={WBINVD,C1_SUPPORTED,C2_MP_SUPPORTED,SLEEP_BUTTON,S4_RTC_WAKE,RESET_REGISTER,PLATFORM_CLOCK}
  RESET_REG=0x50d:0[8] (IO), RESET_VALUE=0xbf
FACS: Length=64, HwSig=0x0000001b, FirmWake_Vec=0x00000000
  Global_Lock=
  Flags=
  Version=2
DSDT: Length=93314, Revision=2, Checksum=27,
  OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
  Creator ID=INTL, Creator Revision=0x20091013
APIC: Length=268, Revision=3, Checksum=29,
  OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
  Creator ID=AMI, Creator Revision=0x10013
  Local APIC ADDR=0xfe00000
  Flags={PC-AT}
  Type=Local APIC
  ACPI CPU=0
  Flags={ENABLED}
  APIC ID=0
  Type=Local APIC
  ACPI CPU=2
  Flags={ENABLED}
  APIC ID=2
  Type=Local APIC
  ACPI CPU=4
  Flags={ENABLED}
  APIC ID=4
  Type=Local APIC
  ACPI CPU=6
  Flags={ENABLED}
  APIC ID=6
  Type=Local APIC
  ACPI CPU=8
  Flags={ENABLED}
  APIC ID=8
  Type=Local APIC
  ACPI CPU=10
  Flags={ENABLED}
  APIC ID=10
  Type=Local APIC
  ACPI CPU=16
  Flags={ENABLED}
  APIC ID=16
  Type=Local APIC
  ACPI CPU=18
  Flags={ENABLED}
  APIC ID=18
  Type=Local APIC
  ACPI CPU=20
  Flags={ENABLED}
  APIC ID=20
  Type=Local APIC
  ACPI CPU=22
  Flags={ENABLED}
  APIC ID=22
  Type=Local APIC
  ACPI CPU=24
  Flags={ENABLED}
  APIC ID=24
  Type=Local APIC
```

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ACPI CPU=26
Flags={ENABLED}
APIC ID=26
Type=Local APIC NMI
ACPI CPU=0
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=2
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=4
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=6
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=8
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=10
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=16
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=18
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=20
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=22
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=24
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=Local APIC NMI
ACPI CPU=26
LINT Pin=1
Flags={Polarity=active-hi, Trigger=edge}
Type=IO APIC
APIC ID=8
INT BASE=0
ADDR=0x00000000fec00000
Type=IO APIC
APIC ID=9
INT BASE=24
ADDR=0x00000000fec01000
Type=IO APIC
APIC ID=10
INT BASE=48
ADDR=0x00000000fec40000
Type=INT Override
BUS=0
IRQ=0
INTR=2
Flags={Polarity=conforming, Trigger=conforming}
Type=INT Override
BUS=0
IRQ=9
INTR=9
Flags={Polarity=active-hi, Trigger=level}
FIDT: Length=156, Revision=1, Checksum=213,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=AMI, Creator Revision=0x10013
MCFG: Length=60, Revision=1, Checksum=155,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1072009,
Creator ID=MSFT, Creator Revision=0x97
Base Address=0x0000000080000000
Segment Group=0x0000
Start Bus=0
End Bus=255
HPET: Length=56, Revision=1, Checksum=167,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013
HPET Number=0
ADDR=0xfed00000:0[64] (Memory) HW Rev=0x1
Comparators=7
Counter Size=1
Legacy IRQ routing capable={TRUE}

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PCI Vendor ID=0x8086
Minimal Tick=14318
SLIT: Length=48, Revision=1, Checksum=69,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013
Locality Count=2
SRAT: Length=3672, Revision=3, Checksum=103,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013
Table Revision=1
Type=CPU
Flags={ENABLED}
APIC ID=0
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=2
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=4
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=6
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=8
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=10
Proximity Domain=0
Type=CPU
Flags={ENABLED}
APIC ID=16
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=18
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=20
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=22
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=24
Proximity Domain=1
Type=CPU
Flags={ENABLED}
APIC ID=26
Proximity Domain=1
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=0
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=1
Type=CPU
Flags={DISABLED}
APIC ID=255
Proximity Domain=1
Type=CPU

```



```

Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
Base Address=0x0000000000000000
Length=0x0000000000000000
Proximity Domain=0
Type=Memory
Flags={DISABLED}
SSDT: Length=31019, Revision=1, Checksum=15,
OEMID=AMI, OEM Table ID=PmMgt, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20120913
SPCR: Length=80, Revision=1, Checksum=33,
OEMID=A M I, OEM Table ID=APTIO V, OEM Revision=0x1072009,
Creator ID=AMI., Creator Revision=0x5
SSDT: Length=6370, Revision=2, Checksum=251,
OEMID=AMI, OEM Table ID=SpsNm, OEM Revision=0x2,
Creator ID=INTL, Creator Revision=0x20120913
SSDT: Length=100, Revision=2, Checksum=130,
OEMID=AMI, OEM Table ID=SpsNvs, OEM Revision=0x2,
Creator ID=INTL, Creator Revision=0x20120913
DMAR: Length=360, Revision=1, Checksum=157,
OEMID=AMI, OEM Table ID=0694, OEM Revision=0x1,
Creator ID=INTL, Creator Revision=0x20091013
Host Address Width=46
Flags={INTR_REMAP,X2APIC_OPT_OUT}
Type=DRHD
Length=120
Flags=
Segment=0
Address=0xfbffc000
Type=IOAPIC
Length=8
EnumerationId=10
StartBusNumber=128
Path={5:4}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:0}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:1}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:2}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:3}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:4}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:5}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:6}
Type=PCI Endpoint Device
Length=8
EnumerationId=0
StartBusNumber=128
Path={4:7}
Type=PCI Sub-Hierarchy

```



```

    Length=8
    EnumerationId=0
    StartBusNumber=128
    Path={0:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=128
    Path={1:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=128
    Path={2:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=128
    Path={3:0}
Type=DRHD
Length=40
Flags={INCLUDE_ALL}
Segment=0
Address=0xc7ffc000
    Type=IOAPIC
    Length=8
    EnumerationId=8
    StartBusNumber=240
    Path={31:7}
    Type=IOAPIC
    Length=8
    EnumerationId=9
    StartBusNumber=0
    Path={5:4}
    Type=HPET
    Length=8
    EnumerationId=0
    StartBusNumber=240
    Path={15:0}
Type=RMRR
Length=48
Segment=0
BaseAddress=0x7ba3a000
LimitAddress=0x7ba49fff
    Type=PCI Endpoint Device
    Length=8
    EnumerationId=0
    StartBusNumber=0
    Path={20:0}
    Type=PCI Endpoint Device
    Length=8
    EnumerationId=0
    StartBusNumber=0
    Path={26:0}
    Type=PCI Endpoint Device
    Length=8
    EnumerationId=0
    StartBusNumber=0
    Path={29:0}
Type=ATSR
Length=64
Flags=
Segment=0
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=0
    Path={1:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=0
    Path={2:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=0
    Path={3:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=128
    Path={0:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0
    StartBusNumber=128
    Path={1:0}
    Type=PCI Sub-Hierarchy
    Length=8
    EnumerationId=0

```

```
StartBusNumber=128
Path={2:0}
Type=PCI Sub-Hierarchy
Length=8
EnumerationId=0
StartBusNumber=128
Path={3:0}
Type=RHSA
Length=20
BaseAddress=0xc7ffc000
ProximityDomain=0x00000000
Type=RHSA
Length=20
BaseAddress=0xfbfcc000
ProximityDomain=0x00000001
BERT: Length=48, Revision=1, Checksum=225,
OEMID=AMI, OEM Table ID=0694, 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

```
bge0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>
ether fc:aa:14:a3:c4:bf
inet 192.168.10.95 netmask 0xfffff00 broadcast 192.168.10.255
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>
media: Ethernet autoselect (1000baseT <full-duplex>)
status: active
bge1: flags=8802<BROADCAST,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=c019b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4, VLAN_HWTSO, LINKSTATE>
ether fc:aa:14:a3:c4:c0
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>
media: Ethernet autoselect
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> metric 0 mtu 16384
options=600003<RXCSUM, TXCSUM, RXCSUM_IPV6, TXCSUM_IPV6>
inet6 ::1 prefixlen 128
inet6 fe80::1%lo0 prefixlen 64 scopeid 0x3
inet 127.0.0.1 netmask 0xff000000
nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>
```

デバイス認識詳細一覧

2	1 dr-xr-xr-x	9 root	wheel	512 Jun 23 19:46 /dev
/var/run/log	0 lrwxr-xr-x	1 root	wheel	12 Jun 23 10:46 /dev/log ->
134	0 lrwxr-xr-x	1 root	wheel	10 Jun 23 19:46 /dev/dumpdev ->
/dev/da0p3				
3	0 crw-----	1 root	wheel	0x3 Jun 23 10:47 /dev/console
4	0 crw-r-----	1 root	operator	0x4 Jun 23 10:46 /dev/geom.ctl
5	0 cr--r--r--	1 root	wheel	0x5 Jun 23 10:46 /dev/sndstat
6	0 crw-----	1 root	wheel	0x6 Jun 23 10:46 /dev/devctl
7	0 crw-----	1 root	wheel	0x7 Jun 23 10:46 /dev/kbdmux0
8	0 lrwxr-xr-x	1 root	wheel	7 Jun 23 10:46 /dev/kbd1 ->
kbdmux0				
9	0 crw-r-----	1 root	kmem	0x9 Jun 23 10:46 /dev/mem
10	0 crw-r-----	1 root	kmem	0xa Jun 23 10:46 /dev/kmem
11	0 crw-rw-rw-	1 root	wheel	0xb Jun 23 10:46 /dev/tty
12	0 crw-----	1 root	wheel	0xc Jun 23 10:46 /dev/bpf
13	0 lrwxr-xr-x	1 root	wheel	3 Jun 23 10:46 /dev/bpf0 -> bpf
14	0 crw-----	1 root	wheel	0xe Jun 23 10:46 /dev/fido
15	0 crw-rw-rw-	1 root	wheel	0xf Jun 23 10:54 /dev/null
16	0 crw-rw-rw-	1 root	wheel	0x10 Jun 23 10:46 /dev/zero
17	0 crw-r--r--	1 root	wheel	0x11 Jun 23 10:46 /dev/pci
18	0 crw-----	1 root	kmem	0x12 Jun 23 10:46 /dev/nfslock
19	0 crw-----	1 root	kmem	0x13 Jun 23 10:46 /dev/audit
20	0 crw-rw-rw-	1 root	wheel	0x14 Jun 23 19:46 /dev/random
21	0 lrwxr-xr-x	1 root	wheel	6 Jun 23 10:46 /dev/urandom ->
random				
128	1 dr-xr-xr-x	2 root	wheel	512 Jun 23 10:46 /dev/fd
22	0 crw-rw-rw-	1 root	wheel	0x16 Jun 23 10:46 /dev/fd/0
24	0 crw-rw-rw-	1 root	wheel	0x18 Jun 23 10:46 /dev/fd/1
26	0 crw-rw-rw-	1 root	wheel	0x1a Jun 23 10:46 /dev/fd/2
23	0 lrwxr-xr-x	1 root	wheel	4 Jun 23 10:46 /dev/stdin -> fd/0
25	0 lrwxr-xr-x	1 root	wheel	4 Jun 23 10:46 /dev/stdout -> fd/1
27	0 lrwxr-xr-x	1 root	wheel	4 Jun 23 10:46 /dev/stderr -> fd/2
28	0 crw-----	1 root	wheel	0x1c Jun 23 10:46 /dev/io
29	0 crw-rw-rw-	1 root	wheel	0x1d Jun 23 10:46 /dev/midistat
30	0 crw-----	1 root	wheel	0x1e Jun 23 10:46 /dev/systemouse
31	0 crw-----	1 root	wheel	0x1f Jun 23 10:46 /dev/klog
32	0 crw-r--r--	1 root	wheel	0x20 Jun 23 10:46 /dev/acpi
33	0 crw-rw----	1 root	operator	0x21 Jun 23 10:46 /dev/apmctl
34	0 crw-rw-r--	1 root	operator	0x22 Jun 23 10:46 /dev/apm
35	0 crw-rw----	1 root	operator	0x23 Jun 23 10:46 /dev/mrsas0
129	1 dr-xr-xr-x	2 root	wheel	512 Jun 23 10:46 /dev/led
36	0 crw-----	1 root	wheel	0x24 Jun 23 10:46 /dev/led
/ahci0.0.locate				
37	0 crw-----	1 root	wheel	0x25 Jun 23 10:46 /dev/led
/ahci0.0.fault				
38	0 crw-----	1 root	wheel	0x26 Jun 23 10:46 /dev/led
/ahci0.1.locate				
39	0 crw-----	1 root	wheel	0x27 Jun 23 10:46 /dev/led
/ahci0.1.fault				
40	0 crw-----	1 root	wheel	0x28 Jun 23 10:46 /dev/led
/ahci0.2.locate				
41	0 crw-----	1 root	wheel	0x29 Jun 23 10:46 /dev/led
/ahci0.2.fault				
42	0 crw-----	1 root	wheel	0x2a Jun 23 10:46 /dev/led
/ahci0.3.locate				
43	0 crw-----	1 root	wheel	0x2b Jun 23 10:46 /dev/led
/ahci0.3.fault				
44	0 crw-----	1 root	wheel	0x2c Jun 23 10:46 /dev/led
/ahci0.4.locate				
45	0 crw-----	1 root	wheel	0x2d Jun 23 10:46 /dev/led
/ahci0.4.fault				
46	0 crw-----	1 root	wheel	0x2e Jun 23 10:46 /dev/ttyu0
47	0 crw-----	1 root	wheel	0x2f Jun 23 10:46 /dev/ttyu0.init
48	0 crw-----	1 root	wheel	0x30 Jun 23 10:46 /dev/ttyu0.lock
49	0 crw-rw----	1 uucp	dialer	0x31 Jun 23 10:46 /dev/cuau0
50	0 crw-rw----	1 uucp	dialer	0x32 Jun 23 10:46 /dev/cuau0.init
51	0 crw-rw----	1 uucp	dialer	0x33 Jun 23 10:46 /dev/cuau0.lock
52	0 crw-----	1 root	wheel	0x34 Jun 23 10:46 /dev/ttyu1
53	0 crw-----	1 root	wheel	0x35 Jun 23 10:46 /dev/ttyu1.init
54	0 crw-----	1 root	wheel	0x36 Jun 23 10:46 /dev/ttyu1.lock
55	0 crw-rw----	1 uucp	dialer	0x37 Jun 23 10:46 /dev/cuau1
56	0 crw-rw----	1 uucp	dialer	0x38 Jun 23 10:46 /dev/cuau1.init
57	0 crw-rw----	1 uucp	dialer	0x39 Jun 23 10:46 /dev/cuau1.lock
58	0 crw-----	1 root	tty	0x3a Jun 23 10:54 /dev/ttyv0
59	0 crw-----	1 root	wheel	0x3b Jun 23 10:46 /dev/ttyv1
60	0 crw-----	1 root	wheel	0x3c Jun 23 10:46 /dev/ttyv2
61	0 crw-----	1 root	wheel	0x3d Jun 23 10:46 /dev/ttyv3
62	0 crw-----	1 root	wheel	0x3e Jun 23 10:46 /dev/ttyv4
63	0 crw-----	1 root	wheel	0x3f Jun 23 10:46 /dev/ttyv5
64	0 crw-----	1 root	wheel	0x40 Jun 23 10:46 /dev/ttyv6
65	0 crw-----	1 root	wheel	0x41 Jun 23 10:46 /dev/ttyv7
66	0 crw-----	1 root	wheel	0x42 Jun 23 10:46 /dev/ttyv8
67	0 crw-----	1 root	wheel	0x43 Jun 23 10:46 /dev/ttyv9
68	0 crw-----	1 root	wheel	0x44 Jun 23 10:46 /dev/ttyva

69	0 crw-----	1 root	wheel	0x45 Jun 23 10:46 /dev/ttyvb
70	0 crw-----	1 root	wheel	0x46 Jun 23 10:46 /dev/ttyvc
71	0 crw-----	1 root	wheel	0x47 Jun 23 10:46 /dev/ttyvd
72	0 crw-----	1 root	wheel	0x48 Jun 23 10:46 /dev/ttyve
73	0 crw-----	1 root	wheel	0x49 Jun 23 10:46 /dev/ttyvf
74	0 crw-----	1 root	wheel	0x4a Jun 23 10:46 /dev/consolectl
75	0 crw-----	1 root	wheel	0x4b Jun 23 10:46 /dev/mdctl
130	1 dr-xr-xr-x	2 root	wheel	512 Jun 23 10:46 /dev/usb
76	0 crw-----	1 root	operator	0x4c Jun 23 10:46 /dev/usb/0.1.0
83	0 crw-----	1 root	operator	0x53 Jun 23 10:46 /dev/usb/1.1.0
85	0 crw-----	1 root	operator	0x55 Jun 23 10:46 /dev/usb/0.1.1
86	0 crw-----	1 root	operator	0x56 Jun 23 10:46 /dev/usb/1.1.1
87	0 crw-----	1 root	operator	0x57 Jun 23 10:46 /dev/usb/2.1.0
89	0 crw-----	1 root	operator	0x59 Jun 23 10:46 /dev/usb/2.1.1
108	0 crw-----	1 root	operator	0x6c Jun 23 10:46 /dev/usb/1.2.0
110	0 crw-----	1 root	operator	0x6e Jun 23 10:46 /dev/usb/1.2.1
111	0 crw-----	1 root	operator	0x6f Jun 23 10:46 /dev/usb/2.2.0
113	0 crw-----	1 root	operator	0x71 Jun 23 10:46 /dev/usb/2.2.1
114	0 crw-----	1 root	operator	0x72 Jun 23 10:46 /dev/usb/0.2.0
116	0 crw-----	1 root	operator	0x74 Jun 23 10:46 /dev/usb/0.2.1
117	0 crw-----	1 root	operator	0x75 Jun 23 10:46 /dev/usb/0.3.0
119	0 crw-----	1 root	operator	0x77 Jun 23 10:46 /dev/usb/0.3.1
122	0 crw-----	1 root	operator	0x7a Jun 23 10:46 /dev/usb/0.4.0
124	0 crw-----	1 root	operator	0x7c Jun 23 10:46 /dev/usb/0.4.1
125	0 crw-----	1 root	operator	0x7d Jun 23 10:46 /dev/usb/0.4.2
77	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen0.1 ->
usb/0.1.0				
78	0 crw-----	1 root	wheel	0x4e Jun 23 10:46 /dev/ufssuspend
81	0 crw-r--r--	1 root	operator	0x51 Jun 23 10:46 /dev/usbctl
82	0 crw-----	1 root	operator	0x52 Jun 23 10:46 /dev/xpt0
84	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen1.1 ->
usb/1.1.0				
88	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen2.1 ->
usb/2.1.0				
90	0 cr--r--r--	1 root	wheel	0x5a Jun 23 10:46 /dev/devstat
91	0 crw-----	1 root	operator	0x5b Jun 23 10:46 /dev/pass0
92	0 crw-----	1 root	operator	0x5c Jun 23 10:46 /dev/pass1
93	0 crw-----	1 root	operator	0x5d Jun 23 10:46 /dev/pass2
94	0 crw-----	1 root	operator	0x5e Jun 23 10:46 /dev/ses0
95	0 crw-r-----	1 root	operator	0x5f Jun 23 10:46 /dev/cd0
96	0 crw-r-----	1 root	operator	0x60 Jun 23 10:46 /dev/da0
98	0 crw-r-----	1 root	operator	0x62 Jun 23 10:46 /dev/da0p1
99	0 crw-r-----	1 root	operator	0x63 Jun 23 19:46 /dev/da0p2
100	0 crw-r-----	1 root	operator	0x64 Jun 23 19:46 /dev/da0p3
132	1 dr-xr-xr-x	2 root	wheel	512 Jun 23 10:46 /dev/gptid
104	0 crw-r-----	1 root	operator	0x68 Jun 23 10:46 /dev/gptid
/cddd88f8-0a03-11e5-a814-fcaa14a3c4bf				
109	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen1.2 ->
usb/1.2.0				
112	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen2.2 ->
usb/2.2.0				
115	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen0.2 ->
usb/0.2.0				
118	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen0.3 ->
usb/0.3.0				
120	0 crw-----	1 root	wheel	0x78 Jun 23 10:46 /dev/ukbd0
121	0 lrwxr-xr-x	1 root	wheel	5 Jun 23 10:46 /dev/kbd0 -> ukbd0
123	0 lrwxr-xr-x	1 root	wheel	9 Jun 23 10:46 /dev/ugen0.4 ->
usb/0.4.0				
126	0 crw-----	1 root	wheel	0x7e Jun 23 10:46 /dev/ukbd1
127	0 lrwxr-xr-x	1 root	wheel	5 Jun 23 10:46 /dev/kbd2 -> ukbd1
97	0 crw-r--r--	1 root	operator	0x61 Jun 23 10:46 /dev/ums0

更新履歷

更新履歴

- 2015年06月23日 FreeBSD動作検証レポート2015年6月23日版作成

FreeBSD動作検証レポート

R120f-2E / 10.1-RELEASE

対象ハードウェア

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

対象OSバージョン

FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11
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2015年6月23日版

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