

FB Musik

```
00:00.0 Host bridge: Intel Corporation 4 Series Chipset DRAM Controller (rev
02)
    Subsystem: ASUSTeK Computer Inc. Device 82d3
    Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
    Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort+ >SERR- <PERR- INTx-
    Latency: 0
    Capabilities: [e0] Vendor Specific Information: Len=0c <?>

00:01.0 PCI bridge: Intel Corporation 4 Series Chipset PCI Express Root Port
(rev 02) (prog-if 00 [Normal decode])
    Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR+ FastB2B- DisINTx+
    Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
    Latency: 0, Cache Line Size: 32 bytes
    Bus: primary=00, secondary=01, subordinate=01, sec-latency=0
    I/O behind bridge: 0000b000-0000bfff
    Memory behind bridge: fe800000-fe8fffff
    Prefetchable memory behind bridge: 00000000d0000000-00000000dfffffff
    Secondary status: 66MHz- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort+ <SERR- <PERR-
    BridgeCtl: Parity- SERR+ NoISA- VGA+ MAbort- >Reset- FastB2B-
    PriDiscTmr- SecDiscTmr- DiscTmrStat- DiscTmrSERREN-
    Capabilities: [88] Subsystem: ASUSTeK Computer Inc. Device 82d3
    Capabilities: [80] Power Management version 3
        Flags: PMEclk- DSI- D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
        Status: D0 NoSoftRst+ PME-Enable- DSel=0 DScale=0 PME-
    Capabilities: [90] MSI: Enable+ Count=1/1 Maskable- 64bit-
        Address: fee0300c Data: 4149
    Capabilities: [a0] Express (v2) Root Port (Slot+), MSI 00
        DevCap:    MaxPayload 128 bytes, PhantFunc 0, Latency L0s <64ns, L1
<1us
            ExtTag- RBE+ FLReset-
        DevCtl:    Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
            RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop-
            MaxPayload 128 bytes, MaxReadReq 128 bytes
        DevSta:    CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr-
TransPend-
        LnkCap:    Port #2, Speed 5GT/s, Width x16, ASPM L0s, Latency L0
<256ns, L1 <4us
            ClockPM- Surprise- LLActRep- BwNot+
        LnkCtl:    ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk+
            ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
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LnkSta:      Speed 5GT/s, Width x16, TrErr- Train- SlotClk+ DLActive-
BWMgmt+ ABWMgmt+
SltCap:      AttnBtn- PwrCtrl- MRL- AttnInd- PwrInd- HotPlug-
Surprise-
              Slot #0, PowerLimit 75.000W; Interlock- NoCompl-
SltCtl:      Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPIrq-
LinkChg-
              Control: AttnInd Unknown, PwrInd Unknown, Power- Interlock-
SltSta:      Status: AttnBtn- PowerFlt- MRL- CmdCplt- PresDet+
Interlock-
              Changed: MRL- PresDet+ LinkState-
RootCtl: ErrCorrectable- ErrNon-Fatal- ErrFatal- PMEIntEna-
CRSVVisible-
RootCap: CRSVisible-
RootSta: PME ReqID 0000, PMEStatus- PMEPending-
DevCap2: Completion Timeout: Not Supported, TimeoutDis- ARIFwd-
DevCtl2: Completion Timeout: 50us to 50ms, TimeoutDis- ARIFwd-
LnkCtl2: Target Link Speed: 5GT/s, EnterCompliance- SpeedDis-,
Selectable De-emphasis: -6dB
              Transmit Margin: Normal Operating Range,
EnterModifiedCompliance- ComplianceSOS-
              Compliance De-emphasis: -6dB
LnkSta2: Current De-emphasis Level: -6dB
Capabilities: [100 v1] Virtual Channel
Caps:      LPEVC=0 RefClk=100ns PATEntryBits=1
Arb:      Fixed- WRR32- WRR64- WRR128-
Ctrl:      ArbSelect=Fixed
Status:      InProgress-
VC0:      Caps:      PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
Arb:      Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
Ctrl:      Enable+ ID=0 ArbSelect=Fixed TC/VC=01
Status:      NegoPending- InProgress-
Capabilities: [140 v1] Root Complex Link
Desc:      PortNumber=02 ComponentID=01 EltType=Config
Link0:      Desc:      TargetPort=00 TargetComponent=01 AssocRCRB-
LinkType=MemMapped LinkValid+
              Addr:      00000000fed19000
Kernel driver in use: pcieport
Kernel modules: shpchp
```

```
00:1a.0 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI
Controller #4 (prog-if 00 [UHCI])
Subsystem: ASUSTeK Computer Inc. Device 82d4
Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
Latency: 0
Interrupt: pin A routed to IRQ 16
Region 4: I/O ports at a800 [size=32]
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Capabilities: [50] Vendor Specific Information: Len=06 <?>
Kernel driver in use: uhci_hcd
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```
00:1a.1 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI
Controller #5 (prog-if 00 [UHCI])
```

```
Subsystem: ASUSTeK Computer Inc. Device 82d4
```

```
Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
```

```
Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
```

```
Latency: 0
```

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Interrupt: pin B routed to IRQ 21
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Region 4: I/O ports at a880 [size=32]
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Capabilities: [50] Vendor Specific Information: Len=06 <?>
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Kernel driver in use: uhci_hcd
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```
00:1a.2 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI
Controller #6 (prog-if 00 [UHCI])
```

```
Subsystem: ASUSTeK Computer Inc. Device 82d4
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```
Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
```

```
Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
```

```
Latency: 0
```

```
Interrupt: pin C routed to IRQ 18
```

```
Region 4: I/O ports at ac00 [size=32]
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```
Capabilities: [50] Vendor Specific Information: Len=06 <?>
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Kernel driver in use: uhci_hcd
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```
00:1a.7 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB2 EHCI
Controller #2 (prog-if 20 [EHCI])
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Subsystem: ASUSTeK Computer Inc. Device 82d4
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```
Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
```

```
Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
```

```
Latency: 0
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```
Interrupt: pin C routed to IRQ 18
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```
Region 0: Memory at fe7ffc00 (32-bit, non-prefetchable) [size=1K]
```

```
Capabilities: [50] Power Management version 2
```

```
Flags: PMEclk- DSI- D1- D2- AuxCurrent=375mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
```

```
Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
```

```
Capabilities: [58] Debug port: BAR=1 offset=00a0
```

```
Capabilities: [98] Vendor Specific Information: Len=06 <?>
```

```
Kernel driver in use: ehci_hcd
```

```
00:1b.0 Audio device: Intel Corporation 82801JI (ICH10 Family) HD Audio
Controller
```

```
Subsystem: ASUSTeK Computer Inc. Device 82fe
```

```
Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
```

```
Stepping- SERR- FastB2B- DisINTx+
  Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
  Latency: 0, Cache Line Size: 32 bytes
  Interrupt: pin A routed to IRQ 45
  Region 0: Memory at fe7f8000 (64-bit, non-prefetchable) [size=16K]
  Capabilities: [50] Power Management version 2
    Flags: PMEClk- DSI- D1- D2- AuxCurrent=55mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
    Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
  Capabilities: [60] MSI: Enable+ Count=1/1 Maskable- 64bit+
    Address: 00000000fee0100c Data: 4199
  Capabilities: [70] Express (v1) Root Complex Integrated Endpoint, MSI 00
    DevCap:    MaxPayload 128 bytes, PhantFunc 0, Latency L0s <64ns, L1
<1us
      ExtTag- RBE- FLReset+
    DevCtl:    Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
      RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop+
      MaxPayload 128 bytes, MaxReadReq 128 bytes
    DevSta:    CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr+
TransPend-
  LnkCap:      Port #0, Speed unknown, Width x0, ASPM unknown, Latency
L0 <64ns, L1 <1us
    ClockPM- Surprise- LLActRep- BwNot-
  LnkCtl:      ASPM Disabled; Disabled- Retrain- CommClk-
    ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
  LnkSta:      Speed unknown, Width x0, TrErr- Train- SlotClk- DLActive-
BWMgmt- ABWMgmt-
  Capabilities: [100 v1] Virtual Channel
    Caps:      LPEVC=0 RefClk=100ns PATEntryBits=1
    Arb:      Fixed- WRR32- WRR64- WRR128-
    Ctrl:      ArbSelect=Fixed
    Status:    InProgress-
  VC0:    Caps:    PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
      Arb:      Fixed- WRR32- WRR64- WRR128- TWRR128- WRR256-
      Ctrl:      Enable+ ID=0 ArbSelect=Fixed TC/VC=01
      Status:    NegoPending- InProgress-
  VC1:    Caps:    PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
      Arb:      Fixed- WRR32- WRR64- WRR128- TWRR128- WRR256-
      Ctrl:      Enable+ ID=1 ArbSelect=Fixed TC/VC=80
      Status:    NegoPending- InProgress-
  Capabilities: [130 v1] Root Complex Link
    Desc:      PortNumber=0f ComponentID=00 EltType=Config
    Link0:      Desc:      TargetPort=00 TargetComponent=00 AssocRCRB-
LinkType=MemMapped LinkValid+
      Addr:      00000000fed1c000
  Kernel driver in use: HDA Intel
  Kernel modules: snd-hda-intel
```

```
00:1c.0 PCI bridge: Intel Corporation 82801JI (ICH10 Family) PCI Express
Root Port 1 (prog-if 00 [Normal decode])
  Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR+ FastB2B- DisINTx+
  Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
  Latency: 0, Cache Line Size: 32 bytes
  Bus: primary=00, secondary=04, subordinate=04, sec-latency=0
  I/O behind bridge: 00001000-00001fff
  Memory behind bridge: f0000000-f03fffff
  Prefetchable memory behind bridge: 00000000fdf00000-00000000fdffffff
  Secondary status: 66MHz- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- <SERR- <PERR-
  BridgeCtl: Parity- SERR+ NoISA- VGA- MAbort- >Reset- FastB2B-
PriDiscTmr- SecDiscTmr- DiscTmrStat- DiscTmrSERREN-
  Capabilities: [40] Express (v1) Root Port (Slot+), MSI 00
  DevCap:   MaxPayload 128 bytes, PhantFunc 0, Latency L0s <64ns, L1
<1us
  ExtTag- RBE+ FLReset-
  DevCtl:   Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
  RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop-
  MaxPayload 128 bytes, MaxReadReq 128 bytes
  DevSta:   CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr+
TransPend-
  LnkCap:   Port #1, Speed 2.5GT/s, Width x1, ASPM L0s L1, Latency L0
<256ns, L1 <4us
  ClockPM- Surprise- LLActRep+ BwNot-
  LnkCtl:   ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk+
  ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
  LnkSta:   Speed 2.5GT/s, Width x0, TrErr- Train- SlotClk+ DLActive-
BWMgmt- ABWMgmt-
  SltCap:   AttnBtn- PwrCtrl- MRL- AttnInd- PwrInd- HotPlug+
Surprise+
  Slot #0, PowerLimit 10.000W; Interlock- NoCompl-
  SltCtl:   Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPIrq-
LinkChg-
  Control: AttnInd Unknown, PwrInd Unknown, Power- Interlock-
  SltSta:   Status: AttnBtn- PowerFlt- MRL- CmdCplt- PresDet-
Interlock-
  Changed: MRL- PresDet- LinkState-
  RootCtl: ErrCorrectable- ErrNon-Fatal- ErrFatal- PMEIntEna-
CRSVisible-
  RootCap: CRSVisible-
  RootSta: PME ReqID 0000, PMEStatus- PMEPending-
  Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit-
  Address: fee0300c Data: 4151
  Capabilities: [90] Subsystem: ASUSTeK Computer Inc. Device 82d4
  Capabilities: [a0] Power Management version 2
  Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
```

```
Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [100 v1] Virtual Channel
Caps: LPEVC=0 RefClk=100ns PATEntryBits=1
Arb: Fixed+ WRR32- WRR64- WRR128-
Ctrl: ArbSelect=Fixed
Status: InProgress-
VC0: Caps: PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
Arb: Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
Ctrl: Enable+ ID=0 ArbSelect=Fixed TC/VC=01
Status: NegoPending- InProgress-
Capabilities: [180 v1] Root Complex Link
Desc: PortNumber=01 ComponentID=00 EltType=Config
Link0: Desc: TargetPort=00 TargetComponent=00 AssocRCRB-
LinkType=MemMapped LinkValid+
Addr: 00000000fed1c000
Kernel driver in use: pcieport
Kernel modules: shpchp

00:1c.4 PCI bridge: Intel Corporation 82801JI (ICH10 Family) PCI Express
Root Port 5 (prog-if 00 [Normal decode])
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR+ FastB2B- DisINTx+
Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
Latency: 0, Cache Line Size: 32 bytes
Bus: primary=00, secondary=03, subordinate=03, sec-latency=0
I/O behind bridge: 0000d000-0000dfff
Memory behind bridge: fea00000-feafffff
Prefetchable memory behind bridge: 00000000f0400000-00000000f05fffff
Secondary status: 66MHz- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- <SERR- <PERR-
BridgeCtl: Parity- SERR+ NoISA- VGA- MAbort- >Reset- FastB2B-
PriDiscTmr- SecDiscTmr- DiscTmrStat- DiscTmrSERREn-
Capabilities: [40] Express (v1) Root Port (Slot+), MSI 00
DevCap: MaxPayload 128 bytes, PhantFunc 0, Latency L0s <64ns, L1
<1us
ExtTag- RBE+ FLReset-
DevCtl: Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop-
MaxPayload 128 bytes, MaxReadReq 128 bytes
DevSta: CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr+
TransPend-
LnkCap: Port #5, Speed 2.5GT/s, Width x1, ASPM L0s L1, Latency L0
<256ns, L1 <4us
ClockPM- Surprise- LLActRep+ BwNot-
LnkCtl: ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk+
ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta: Speed 2.5GT/s, Width x1, TrErr- Train- SlotClk+ DLActive+
BWMgmt- ABWMgmt-
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      SltCap:      AttnBtn- PwrCtrl- MRL- AttnInd- PwrInd- HotPlug+
Surprise+
      Slot #0, PowerLimit 10.000W; Interlock- NoCompl-
      SltCtl:      Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPirq-
LinkChg-
      Control: AttnInd Unknown, PwrInd Unknown, Power- Interlock-
      SltSta:      Status: AttnBtn- PowerFlt- MRL- CmdCplt- PresDet+
Interlock-
      Changed: MRL- PresDet+ LinkState+
      RootCtl: ErrCorrectable- ErrNon-Fatal- ErrFatal- PMEIntEna-
CRSVisible-
      RootCap: CRSVisible-
      RootSta: PME ReqID 0000, PMEStatus- PMEPending-
Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit-
      Address: fee0300c Data: 4159
Capabilities: [90] Subsystem: ASUSTeK Computer Inc. Device 82d4
Capabilities: [a0] Power Management version 2
      Flags: PMEclk- DSI- D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
      Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [100 v1] Virtual Channel
      Caps:      LPEVC=0 RefClk=100ns PATEntryBits=1
      Arb:      Fixed+ WRR32- WRR64- WRR128-
      Ctrl:      ArbSelect=Fixed
      Status:      InProgress-
      VC0:      Caps:      PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
      Arb:      Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
      Ctrl:      Enable+ ID=0 ArbSelect=Fixed TC/VC=01
      Status:      NegoPending- InProgress-
Capabilities: [180 v1] Root Complex Link
      Desc:      PortNumber=05 ComponentID=00 EltType=Config
      Link0:      Desc:      TargetPort=00 TargetComponent=00 AssocRCRB-
LinkType=MemMapped LinkValid+
      Addr:      00000000fed1c000
      Kernel driver in use: pcieport
      Kernel modules: shpchp

00:1c.5 PCI bridge: Intel Corporation 82801JI (ICH10 Family) PCI Express
Root Port 6 (prog-if 00 [Normal decode])
      Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR+ FastB2B- DisINTx+
      Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR+ <PERR- INTx-
      Latency: 0, Cache Line Size: 32 bytes
      Bus: primary=00, secondary=02, subordinate=02, sec-latency=0
      I/O behind bridge: 0000c000-0000cfff
      Memory behind bridge: fe900000-fe9fffff
      Prefetchable memory behind bridge: 00000000f0600000-00000000f07fffff
      Secondary status: 66MHz- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- <SERR- <PERR-
      BridgeCtl: Parity- SERR+ NoISA- VGA- MAbort- >Reset- FastB2B-

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```
PriDiscTmr- SecDiscTmr- DiscTmrStat- DiscTmrSERREn-
Capabilities: [40] Express (v1) Root Port (Slot+), MSI 00
DevCap:      MaxPayload 128 bytes, PhantFunc 0, Latency L0s <64ns, L1
<1us
      ExtTag- RBE+ FLReset-
DevCtl:      Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
      RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop-
      MaxPayload 128 bytes, MaxReadReq 128 bytes
DevSta:      CorrErr- UncorrErr- FatalErr+ UnsuppReq- AuxPwr+
TransPend-
LnkCap:      Port #6, Speed 2.5GT/s, Width x1, ASPM L0s L1, Latency L0
<256ns, L1 <4us
      ClockPM- Surprise- LLActRep+ BwNot-
LnkCtl:      ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk+
      ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta:      Speed 2.5GT/s, Width x1, TrErr- Train- SlotClk+ DLActive+
BWMgmt- ABWMgmt-
SltCap:      AttnBtn- PwrCtrl- MRL- AttnInd- PwrInd- HotPlug+
Surprise+
      Slot #0, PowerLimit 10.000W; Interlock- NoCompl-
SltCtl:      Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPIrq-
LinkChg-
      Control: AttnInd Unknown, PwrInd Unknown, Power- Interlock-
SltSta:      Status: AttnBtn- PowerFlt- MRL- CmdCplt- PresDet+
Interlock-
      Changed: MRL- PresDet+ LinkState+
RootCtl: ErrCorrectable- ErrNon-Fatal- ErrFatal- PMEIntEna-
CRSVisible-
RootCap: CRSVisible-
RootSta: PME ReqID 0000, PMEStatus- PMEPending-
Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit-
Address: fee0300c Data: 4161
Capabilities: [90] Subsystem: ASUSTeK Computer Inc. Device 82d4
Capabilities: [a0] Power Management version 2
Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [100 v1] Virtual Channel
Caps:      LPEVC=0 RefClk=100ns PATEntryBits=1
Arb:      Fixed+ WRR32- WRR64- WRR128-
Ctrl:      ArbSelect=Fixed
Status:      InProgress-
VC0:      Caps:      PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
Arb:      Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
Ctrl:      Enable+ ID=0 ArbSelect=Fixed TC/VC=01
Status:      NegoPending- InProgress-
Capabilities: [180 v1] Root Complex Link
Desc:      PortNumber=06 ComponentID=00 EltType=Config
Link0:      Desc:      TargetPort=00 TargetComponent=00 AssocRCRB-
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LinkType=MemMapped LinkValid+

Addr: 00000000fed1c000

Kernel driver in use: pcieport

Kernel modules: shpchp

00:1d.0 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #1 (prog-if 00 [UHCI])

Subsystem: ASUSTeK Computer Inc. Device 82d4

Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B- DisINTx-

Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR- INTx-

Latency: 0

Interrupt: pin A routed to IRQ 23

Region 4: I/O ports at a080 [size=32]

Capabilities: [50] Vendor Specific Information: Len=06 <?>

Kernel driver in use: uhci_hcd

00:1d.1 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #2 (prog-if 00 [UHCI])

Subsystem: ASUSTeK Computer Inc. Device 82d4

Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B- DisINTx-

Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR- INTx-

Latency: 0

Interrupt: pin B routed to IRQ 19

Region 4: I/O ports at a400 [size=32]

Capabilities: [50] Vendor Specific Information: Len=06 <?>

Kernel driver in use: uhci_hcd

00:1d.2 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #3 (prog-if 00 [UHCI])

Subsystem: ASUSTeK Computer Inc. Device 82d4

Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B- DisINTx-

Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR- INTx-

Latency: 0

Interrupt: pin C routed to IRQ 18

Region 4: I/O ports at a480 [size=32]

Capabilities: [50] Vendor Specific Information: Len=06 <?>

Kernel driver in use: uhci_hcd

00:1d.7 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB2 EHCI Controller #1 (prog-if 20 [EHCI])

Subsystem: ASUSTeK Computer Inc. Device 82d4

Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B- DisINTx-

Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR- INTx-

```
Latency: 0
Interrupt: pin A routed to IRQ 23
Region 0: Memory at fe7ff800 (32-bit, non-prefetchable) [size=1K]
Capabilities: [50] Power Management version 2
    Flags: PMEclk- DSI- D1- D2- AuxCurrent=375mA PME(D0+,D1-,D2-,D3hot+,D3cold+)
    Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [58] Debug port: BAR=1 offset=00a0
Capabilities: [98] Vendor Specific Information: Len=06 <?>
Kernel driver in use: ehci_hcd
```

00:1e.0 PCI bridge: Intel Corporation 82801 PCI Bridge (rev 90) (prog-if 01 [Subtractive decode])

```
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR+ FastB2B- DisINTx-
Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
Latency: 0
Bus: primary=00, secondary=05, subordinate=05, sec-latency=32
I/O behind bridge: 0000e000-0000efff
Memory behind bridge: feb00000-febfffff
Secondary status: 66MHz- FastB2B+ ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort+ <SERR- <PERR-
BridgeCtl: Parity- SERR+ NoISA- VGA- MAbort- >Reset- FastB2B-
PriDiscTmr- SecDiscTmr- DiscTmrStat- DiscTmrSERREN-
Capabilities: [50] Subsystem: ASUSTeK Computer Inc. Device 82d4
```

00:1f.0 ISA bridge: Intel Corporation 82801JIB (ICH10) LPC Interface Controller

```
Subsystem: ASUSTeK Computer Inc. Device 82d4
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
Latency: 0
Capabilities: [e0] Vendor Specific Information: Len=0c <?>
Kernel modules: iTCO_wdt
```

00:1f.2 SATA controller: Intel Corporation 82801JI (ICH10 Family) SATA AHCI Controller (prog-if 01 [AHCI 1.0])

```
Subsystem: ASUSTeK Computer Inc. P5Q Deluxe Motherboard
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx+
Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
Latency: 0
Interrupt: pin B routed to IRQ 44
Region 0: I/O ports at 9c00 [size=8]
Region 1: I/O ports at 9880 [size=4]
Region 2: I/O ports at 9800 [size=8]
```

Region 3: I/O ports at 9480 [size=4]
Region 4: I/O ports at 9400 [size=32]
Region 5: Memory at fe7fe800 (32-bit, non-prefetchable) [size=2K]
Capabilities: [80] MSI: Enable+ Count=1/16 Maskable- 64bit-
Address: fee0300c Data: 4189
Capabilities: [70] Power Management version 3
Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot+,D3cold-)
Status: D0 NoSoftRst+ PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [a8] SATA HBA v1.0 BAR4 Offset=00000004
Capabilities: [b0] Vendor Specific Information: Len=06 <?>
Kernel driver in use: ahci
Kernel modules: ahci

00:1f.3 SMBus: Intel Corporation 82801JI (ICH10 Family) SMBus Controller
Subsystem: ASUSTeK Computer Inc. Device 82d4
Control: I/O+ Mem+ BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
Status: Cap- 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
Interrupt: pin C routed to IRQ 15
Region 0: Memory at fe7ff400 (64-bit, non-prefetchable) [size=256]
Region 4: I/O ports at 0400 [size=32]
Kernel modules: i2c-i801

01:00.0 VGA compatible controller: ATI Technologies Inc Mobility Radeon HD 3600 Series (prog-if 00 [VGA controller])
Subsystem: ASUSTeK Computer Inc. Device 01da
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx+
Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
Latency: 0, Cache Line Size: 32 bytes
Interrupt: pin A routed to IRQ 48
Region 0: Memory at d0000000 (64-bit, prefetchable) [size=256M]
Region 2: Memory at fe8e0000 (64-bit, non-prefetchable) [size=64K]
Region 4: I/O ports at b000 [size=256]
Expansion ROM at fe8c0000 [disabled] [size=128K]
Capabilities: [50] Power Management version 3
Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)
Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [58] Express (v2) Legacy Endpoint, MSI 00
DevCap: MaxPayload 128 bytes, PhantFunc 0, Latency L0s <4us, L1 unlimited
ExtTag+ AttnBtn- AttnInd- PwrInd- RBE+ FLReset-
DevCtl: Report errors: Correctable- Non-Fatal- Fatal- Unsupported-
RlxdOrd+ ExtTag- PhantFunc- AuxPwr- NoSnoop+
MaxPayload 128 bytes, MaxReadReq 128 bytes
DevSta: CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr-

TransPend-

LnkCap: Port #0, Speed 5GT/s, Width x16, ASPM L0s L1, Latency L0 <64ns, L1 <1us
ClockPM- Surprise- LLActRep- BwNot-
LnkCtl: ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk+
ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta: Speed 5GT/s, Width x16, TrErr- Train- SlotClk+ DLActive-
BWMgmt- ABWMgmt-
DevCap2: Completion Timeout: Not Supported, TimeoutDis-
DevCtl2: Completion Timeout: 50us to 50ms, TimeoutDis-
LnkCtl2: Target Link Speed: 5GT/s, EnterCompliance- SpeedDis-,
Selectable De-emphasis: -6dB
Transmit Margin: Normal Operating Range,
EnterModifiedCompliance- ComplianceSOS-
Compliance De-emphasis: -6dB
LnkSta2: Current De-emphasis Level: -6dB
Capabilities: [a0] MSI: Enable+ Count=1/1 Maskable- 64bit+
Address: 00000000fee0300c Data: 41d1
Capabilities: [100 v1] Vendor Specific Information: ID=0001 Rev=1
Len=010 <?>
Kernel driver in use: fglrx_pci
Kernel modules: fglrx, radeon

01:00.1 Audio device: ATI Technologies Inc RV635 Audio device [Radeon HD 3600 Series]

Subsystem: ASUSTeK Computer Inc. Device aa20
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx+
Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
Latency: 0, Cache Line Size: 32 bytes
Interrupt: pin B routed to IRQ 46
Region 0: Memory at fe8fc000 (64-bit, non-prefetchable) [size=16K]
Capabilities: [50] Power Management version 3
Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)
Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [58] Express (v2) Legacy Endpoint, MSI 00
DevCap: MaxPayload 128 bytes, PhantFunc 0, Latency L0s <4us, L1 unlimited
ExtTag+ AttnBtn- AttnInd- PwrInd- RBE+ FLReset-
DevCtl: Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
RlxdOrd+ ExtTag- PhantFunc- AuxPwr- NoSnoop+
MaxPayload 128 bytes, MaxReadReq 128 bytes
DevSta: CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr-
TransPend-
LnkCap: Port #0, Speed 5GT/s, Width x16, ASPM L0s L1, Latency L0 <64ns, L1 <1us
ClockPM- Surprise- LLActRep- BwNot-

```
LnkCtl:   ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk+
          ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta:   Speed 5GT/s, Width x16, TrErr- Train- SlotClk+ DLActive-
BWMgmt- ABWMgmt-
DevCap2: Completion Timeout: Not Supported, TimeoutDis-
DevCtl2: Completion Timeout: 50us to 50ms, TimeoutDis-
LnkCtl2: Target Link Speed: 2.5GT/s, EnterCompliance- SpeedDis-,
Selectable De-emphasis: -6dB
          Transmit Margin: Normal Operating Range,
EnterModifiedCompliance- ComplianceSOS-
          Compliance De-emphasis: -6dB
LnkSta2: Current De-emphasis Level: -6dB
Capabilities: [a0] MSI: Enable+ Count=1/1 Maskable- 64bit+
Address: 00000000fee0300c Data: 41a1
Capabilities: [100 v1] Vendor Specific Information: ID=0001 Rev=1
Len=010 <?>
Kernel driver in use: HDA Intel
Kernel modules: snd-hda-intel

02:00.0 Ethernet controller: Atheros Communications AR8121/AR8113/AR8114
Gigabit or Fast Ethernet (rev b0)
Subsystem: ASUSTeK Computer Inc. P5KPL-CM Motherboard
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx+
Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
Latency: 0, Cache Line Size: 32 bytes
Interrupt: pin A routed to IRQ 47
Region 0: Memory at fe9c0000 (64-bit, non-prefetchable) [size=256K]
Region 2: I/O ports at cc00 [size=128]
Capabilities: [40] Power Management version 2
          Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-
,D3hot+,D3cold+)
          Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [48] MSI: Enable+ Count=1/1 Maskable- 64bit+
Address: 00000000fee0100c Data: 41a9
Capabilities: [58] Express (v1) Endpoint, MSI 00
DevCap:   MaxPayload 4096 bytes, PhantFunc 0, Latency L0s <4us, L1
unlimited
          ExtTag- AttnBtn+ AttnInd+ PwrInd+ RBE- FLReset-
DevCtl:   Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
          RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop-
          MaxPayload 128 bytes, MaxReadReq 512 bytes
DevSta:   CorrErr- UncorrErr+ FatalErr- UnsuppReq+ AuxPwr+
TransPend-
LnkCap:   Port #0, Speed 2.5GT/s, Width x1, ASPM L0s, Latency L0
unlimited, L1 unlimited
          ClockPM- Surprise- LLActRep- BwNot-
LnkCtl:   ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk-
          ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
```

```
LnkSta:      Speed 2.5GT/s, Width x1, TrErr- Train- SlotClk+ DLActive-
BWMgmt- ABWMgmt-
Capabilities: [100 v1] Advanced Error Reporting
  UESa:      DLP- SDES- TLP- FCP- CmplT0- CmpltAbrt- UnxCmplt- Rx0F-
MalftTLP- ECRC- UnsupReq+ ACSViol-
  UEMsk:      DLP- SDES- TLP- FCP- CmplT0- CmpltAbrt- UnxCmplt- Rx0F-
MalftTLP- ECRC- UnsupReq- ACSViol-
  UESvrt:      DLP+ SDES- TLP- FCP+ CmplT0- CmpltAbrt- UnxCmplt- Rx0F+
MalftTLP+ ECRC- UnsupReq- ACSViol-
  CESTa:      RxErr- BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr-
  CEMsk:      RxErr- BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr-
  AERCap:      First Error Pointer: 14, GenCap+ CGenEn- ChkCap+ ChkEn-
Capabilities: [180 v1] Device Serial Number ff-76-38-a3-00-22-15-ff
Kernel driver in use: ATL1E
Kernel modules: atl1e

03:00.0 IDE interface: Marvell Technology Group Ltd. 88SE6101/6102 single-
port SATA133 interface (rev b2) (prog-if 8f [Master SecP Sec0 PriP Pri0])
  Subsystem: ASUSTeK Computer Inc. Device 82e0
  Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
  Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort- >SERR- <PERR- INTx-
  Latency: 0, Cache Line Size: 32 bytes
  Interrupt: pin A routed to IRQ 16
  Region 0: I/O ports at dc00 [size=8]
  Region 1: I/O ports at d880 [size=4]
  Region 2: I/O ports at d800 [size=8]
  Region 3: I/O ports at d480 [size=4]
  Region 4: I/O ports at d400 [size=16]
  Region 5: Memory at feaffc00 (32-bit, non-prefetchable) [size=512]
  Capabilities: [48] Power Management version 2
    Flags: PMEClk- DSI- D1+ D2- AuxCurrent=0mA PME(D0+,D1+,D2-
,D3hot+,D3cold-)
    Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=1 PME-
  Capabilities: [50] MSI: Enable- Count=1/1 Maskable- 64bit-
    Address: 00000000 Data: 0000
  Capabilities: [e0] Express (v1) Legacy Endpoint, MSI 00
    DevCap:      MaxPayload 128 bytes, PhantFunc 0, Latency L0s unlimited,
L1 unlimited
      ExtTag- AttnBtn- AttnInd- PwrInd- RBE- FLReset-
    DevCtl:      Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
      RlxdOrd- ExtTag- PhantFunc- AuxPwr+ NoSnoop-
      MaxPayload 128 bytes, MaxReadReq 512 bytes
    DevSta:      CorrErr- UncorrErr- FatalErr- UnsuppReq+ AuxPwr-
TransPend-
    LnkCap:      Port #0, Speed 2.5GT/s, Width x1, ASPM L0s, Latency L0
<256ns, L1 unlimited
      ClockPM- Surprise- LLActRep- BwNot-
```

```

LnkCtl:   ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk-
          ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta:   Speed 2.5GT/s, Width x1, TrErr- Train- SlotClk+ DLActive-
BWMgmt- ABWMgmt-
Capabilities: [100 v1] Advanced Error Reporting
UESta:    DLP- SDES- TLP- FCP- CplmtT0- CplmtAbrt- UnxCplmt- RxOF-
MalftTLP- ECRC- UnsupReq- ACSViol-
UEMsk:    DLP- SDES- TLP- FCP- CplmtT0- CplmtAbrt- UnxCplmt- RxOF-
MalftTLP- ECRC- UnsupReq- ACSViol-
UESvrt:   DLP+ SDES- TLP- FCP+ CplmtT0- CplmtAbrt- UnxCplmt- RxOF+
MalftTLP+ ECRC- UnsupReq- ACSViol-
CESta:    RxErr+ BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr-
CEMsk:    RxErr- BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr+
AERCap:   First Error Pointer: 1f, GenCap- CGenEn- ChkCap- ChkEn-
Kernel driver in use: pata_marvell
Kernel modules: pata_marvell

```

05:02.0 Ethernet controller: 3Com Corporation 3c905C-TX/TX-M [Tornado] (rev 78)

Subsystem: 3Com Corporation 3C905CX-TX/TX-M Fast Etherlink for PC Management NIC

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV+ VGASnoop- ParErr- Stepping- SERR- FastB2B- DisINTx-

Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR- INTx-

Latency: 64 (2500ns min, 2500ns max), Cache Line Size: 32 bytes

Interrupt: pin A routed to IRQ 18

Region 0: I/O ports at ec00 [size=128]

Region 1: Memory at febffc00 (32-bit, non-prefetchable) [size=128]

Expansion ROM at febc0000 [disabled] [size=128K]

Capabilities: [dc] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA

PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=2 PME-

Kernel driver in use: 3c59x

Kernel modules: 3c59x

Bus 008 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub

Device Descriptor:

```

bLength          18
bDescriptorType   1
bcdUSB           1.10
bDeviceClass      9 Hub
bDeviceSubClass   0 Unused
bDeviceProtocol   0 Full speed (or root) hub
bMaxPacketSize0   64
idVendor          0x1d6b Linux Foundation
idProduct         0x0001 1.1 root hub
bcdDevice         2.06
iManufacturer     3 Linux 2.6.38-8-generic-pae uhci_hcd

```

```
iProduct          2 UHCI Host Controller
iSerial           1 0000:00:1d.2
bNumConfigurations 1
Configuration Descriptor:
  bLength          9
  bDescriptorType   2
  wTotalLength     25
  bNumInterfaces    1
  bConfigurationValue 1
  iConfiguration    0
  bmAttributes      0xe0
    Self Powered
    Remote Wakeup
  MaxPower         0mA
Interface Descriptor:
  bLength          9
  bDescriptorType   4
  bInterfaceNumber  0
  bAlternateSetting 0
  bNumEndpoints     1
  bInterfaceClass   9 Hub
  bInterfaceSubClass 0 Unused
  bInterfaceProtocol 0 Full speed (or root) hub
  iInterface        0
Endpoint Descriptor:
  bLength          7
  bDescriptorType   5
  bEndpointAddress 0x81 EP 1 IN
  bmAttributes      3
    Transfer Type   Interrupt
    Synch Type      None
    Usage Type      Data
  wMaxPacketSize    0x0002 1x 2 bytes
  bInterval         255
Hub Descriptor:
  bLength          9
  bDescriptorType  41
  nNbrPorts        2
  wHubCharacteristic 0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
  bPwrOn2PwrGood    1 * 2 milli seconds
  bHubContrCurrent   0 milli Ampere
  DeviceRemovable    0x00
  PortPwrCtrlMask    0xff
Hub Port Status:
  Port 1: 0000.0100 power
  Port 2: 0000.0100 power
Device Status:      0x0003
  Self Powered
```


Remote Wakeup Enabled

Bus 007 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub

Device Descriptor:

bLength	18
bDescriptorType	1
bcdUSB	1.10
bDeviceClass	9 Hub
bDeviceSubClass	0 Unused
bDeviceProtocol	0 Full speed (or root) hub
bMaxPacketSize0	64
idVendor	0x1d6b Linux Foundation
idProduct	0x0001 1.1 root hub
bcdDevice	2.06
iManufacturer	3 Linux 2.6.38-8-generic-pae uhci_hcd
iProduct	2 UHCI Host Controller
iSerial	1 0000:00:1d.1
bNumConfigurations	1

Configuration Descriptor:

bLength	9
bDescriptorType	2
wTotalLength	25
bNumInterfaces	1
bConfigurationValue	1
iConfiguration	0
bmAttributes	0xe0
Self Powered	
Remote Wakeup	

MaxPower	0mA
----------	-----

Interface Descriptor:

bLength	9
bDescriptorType	4
bInterfaceNumber	0
bAlternateSetting	0
bNumEndpoints	1
bInterfaceClass	9 Hub
bInterfaceSubClass	0 Unused
bInterfaceProtocol	0 Full speed (or root) hub
iInterface	0

Endpoint Descriptor:

bLength	7
bDescriptorType	5
bEndpointAddress	0x81 EP 1 IN
bmAttributes	3
Transfer Type Interrupt	
Synch Type None	
Usage Type Data	
wMaxPacketSize	0x0002 1x 2 bytes
bInterval	255

Hub Descriptor:

bLength	9
---------	---

```
bDescriptorType      41
nNbrPorts            2
wHubCharacteristic  0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
bPwrOn2PwrGood       1 * 2 milli seconds
bHubContrCurrent      0 milli Ampere
DeviceRemovable       0x00
PortPwrCtrlMask       0xff
Hub Port Status:
    Port 1: 0000.0100 power
    Port 2: 0000.0100 power
Device Status:        0x0003
    Self Powered
    Remote Wakeup Enabled

Bus 006 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Device Descriptor:
    bLength           18
    bDescriptorType    1
    bcdUSB             1.10
    bDeviceClass        9 Hub
    bDeviceSubClass     0 Unused
    bDeviceProtocol     0 Full speed (or root) hub
    bMaxPacketSize0     64
    idVendor           0x1d6b Linux Foundation
    idProduct          0x0001 1.1 root hub
    bcdDevice          2.06
    iManufacturer      3 Linux 2.6.38-8-generic-pae uhci_hcd
    iProduct           2 UHCI Host Controller
    iSerial            1 0000:00:1d.0
    bNumConfigurations  1
Configuration Descriptor:
    bLength           9
    bDescriptorType    2
    wTotalLength       25
    bNumInterfaces     1
    bConfigurationValue 1
    iConfiguration     0
    bmAttributes       0xe0
        Self Powered
        Remote Wakeup
    MaxPower           0mA
Interface Descriptor:
    bLength           9
    bDescriptorType    4
    bInterfaceNumber   0
    bAlternateSetting  0
    bNumEndpoints      1
    bInterfaceClass    9 Hub
```

```
bInterfaceSubClass      0 Unused
bInterfaceProtocol      0 Full speed (or root) hub
iInterface               0
Endpoint Descriptor:
  bLength                7
  bDescriptorType        5
  bEndpointAddress       0x81  EP 1 IN
  bmAttributes           3
    Transfer Type        Interrupt
    Synch Type           None
    Usage Type           Data
  wMaxPacketSize         0x0002  1x 2 bytes
  bInterval              255
```

Hub Descriptor:

```
bLength                9
bDescriptorType        41
nNbrPorts              2
wHubCharacteristic    0x000a
  No power switching (usb 1.0)
  Per-port overcurrent protection
bPwrOn2PwrGood         1 * 2 milli seconds
bHubContrCurrent       0 milli Ampere
DeviceRemovable        0x00
PortPwrCtrlMask        0xff
```

Hub Port Status:

```
Port 1: 0000.0100 power
Port 2: 0000.0100 power
```

Device Status: 0x0003

```
Self Powered
Remote Wakeup Enabled
```

Bus 005 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub

Device Descriptor:

```
bLength                18
bDescriptorType        1
bcdUSB                 1.10
bDeviceClass           9 Hub
bDeviceSubClass        0 Unused
bDeviceProtocol        0 Full speed (or root) hub
bMaxPacketSize0        64
idVendor               0x1d6b Linux Foundation
idProduct              0x0001 1.1 root hub
bcdDevice              2.06
iManufacturer          3 Linux 2.6.38-8-generic-pae uhci_hcd
iProduct               2 UHCI Host Controller
iSerial                1 0000:00:1a.2
bNumConfigurations     1
Configuration Descriptor:
  bLength                9
  bDescriptorType        2
  wTotalLength           25
```

```
bNumInterfaces          1
bConfigurationValue     1
iConfiguration          0
bmAttributes             0xe0
    Self Powered
    Remote Wakeup
MaxPower                 0mA
Interface Descriptor:
    bLength              9
    bDescriptorType      4
    bInterfaceNumber     0
    bAlternateSetting    0
    bNumEndpoints        1
    bInterfaceClass      9 Hub
    bInterfaceSubClass   0 Unused
    bInterfaceProtocol   0 Full speed (or root) hub
    iInterface           0
    Endpoint Descriptor:
        bLength          7
        bDescriptorType  5
        bEndpointAddress 0x81 EP 1 IN
        bmAttributes     3
            Transfer Type      Interrupt
            Synch Type         None
            Usage Type         Data
        wMaxPacketSize    0x0002 1x 2 bytes
        bInterval        255
```

```
Hub Descriptor:
    bLength              9
    bDescriptorType      41
    nNbrPorts            2
    wHubCharacteristic 0x000a
        No power switching (usb 1.0)
        Per-port overcurrent protection
    bPwrOn2PwrGood       1 * 2 milli seconds
    bHubContrCurrent     0 milli Ampere
    DeviceRemovable      0x00
    PortPwrCtrlMask      0xff
```

```
Hub Port Status:
    Port 1: 0000.0100 power
    Port 2: 0000.0100 power
```

```
Device Status: 0x0003
    Self Powered
    Remote Wakeup Enabled
```

Bus 004 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub

```
Device Descriptor:
    bLength              18
    bDescriptorType      1
    bcdUSB               1.10
```

```

bDeviceClass          9 Hub
bDeviceSubClass       0 Unused
bDeviceProtocol       0 Full speed (or root) hub
bMaxPacketSize0      64
idVendor              0x1d6b Linux Foundation
idProduct             0x0001 1.1 root hub
bcdDevice             2.06
iManufacturer         3 Linux 2.6.38-8-generic-pae uhci_hcd
iProduct              2 UHCI Host Controller
iSerial               1 0000:00:1a.1
bNumConfigurations    1
Configuration Descriptor:
  bLength              9
  bDescriptorType      2
  wTotalLength         25
  bNumInterfaces       1
  bConfigurationValue  1
  iConfiguration      0
  bmAttributes         0xe0
    Self Powered
    Remote Wakeup
  MaxPower             0mA
Interface Descriptor:
  bLength              9
  bDescriptorType      4
  bInterfaceNumber     0
  bAlternateSetting    0
  bNumEndpoints        1
  bInterfaceClass      9 Hub
  bInterfaceSubClass   0 Unused
  bInterfaceProtocol   0 Full speed (or root) hub
  iInterface           0
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x81 EP 1 IN
  bmAttributes         3
    Transfer Type      Interrupt
    Synch Type         None
    Usage Type         Data
  wMaxPacketSize       0x0002 1x 2 bytes
  bInterval            255
Hub Descriptor:
  bLength              9
  bDescriptorType     41
  nNbrPorts           2
  wHubCharacteristic  0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
  bPwrOn2PwrGood       1 * 2 milli seconds
  bHubContrCurrent     0 milli Ampere

```

```
DeviceRemovable      0x00
PortPwrCtrlMask      0xff
Hub Port Status:
  Port 1: 0000.0100 power
  Port 2: 0000.0100 power
Device Status:       0x0003
  Self Powered
  Remote Wakeup Enabled

Bus 003 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Device Descriptor:
  bLength                18
  bDescriptorType         1
  bcdUSB                 1.10
  bDeviceClass            9 Hub
  bDeviceSubClass         0 Unused
  bDeviceProtocol         0 Full speed (or root) hub
  bMaxPacketSize0        64
  idVendor               0x1d6b Linux Foundation
  idProduct              0x0001 1.1 root hub
  bcdDevice              2.06
  iManufacturer          3 Linux 2.6.38-8-generic-pae uhci_hcd
  iProduct               2 UHCI Host Controller
  iSerial                1 0000:00:1a.0
  bNumConfigurations     1
Configuration Descriptor:
  bLength                9
  bDescriptorType         2
  wTotalLength           25
  bNumInterfaces          1
  bConfigurationValue     1
  iConfiguration          0
  bmAttributes            0xe0
    Self Powered
    Remote Wakeup
  MaxPower                0mA
Interface Descriptor:
  bLength                9
  bDescriptorType         4
  bInterfaceNumber        0
  bAlternateSetting       0
  bNumEndpoints           1
  bInterfaceClass         9 Hub
  bInterfaceSubClass      0 Unused
  bInterfaceProtocol      0 Full speed (or root) hub
  iInterface              0
Endpoint Descriptor:
  bLength                7
  bDescriptorType         5
  bEndpointAddress        0x81  EP 1 IN
```

```

    bmAttributes          3
    Transfer Type         Interrupt
    Synch Type            None
    Usage Type            Data
    wMaxPacketSize        0x0002 1x 2 bytes
    bInterval             255
Hub Descriptor:
  bLength                9
  bDescriptorType        41
  nNbrPorts              2
  wHubCharacteristic 0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
  bPwrOn2PwrGood         1 * 2 milli seconds
  bHubContrCurrent        0 milli Ampere
  DeviceRemovable        0x00
  PortPwrCtrlMask        0xff
Hub Port Status:
  Port 1: 0000.0100 power
  Port 2: 0000.0100 power
Device Status:          0x0003
  Self Powered
  Remote Wakeup Enabled

Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Device Descriptor:
  bLength                18
  bDescriptorType        1
  bcdUSB                 2.00
  bDeviceClass           9 Hub
  bDeviceSubClass        0 Unused
  bDeviceProtocol        0 Full speed (or root) hub
  bMaxPacketSize0        64
  idVendor               0x1d6b Linux Foundation
  idProduct              0x0002 2.0 root hub
  bcdDevice              2.06
  iManufacturer          3 Linux 2.6.38-8-generic-pae ehci_hcd
  iProduct               2 EHCI Host Controller
  iSerial                1 0000:00:1d.7
  bNumConfigurations     1
Configuration Descriptor:
  bLength                9
  bDescriptorType        2
  wTotalLength           25
  bNumInterfaces         1
  bConfigurationValue    1
  iConfiguration         0
  bmAttributes           0xe0
    Self Powered
    Remote Wakeup
  MaxPower               0mA

```

Interface Descriptor:

bLength	9
bDescriptorType	4
bInterfaceNumber	0
bAlternateSetting	0
bNumEndpoints	1
bInterfaceClass	9 Hub
bInterfaceSubClass	0 Unused
bInterfaceProtocol	0 Full speed (or root) hub
iInterface	0

Endpoint Descriptor:

bLength	7
bDescriptorType	5
bEndpointAddress	0x81 EP 1 IN
bmAttributes	3
Transfer Type	Interrupt
Synch Type	None
Usage Type	Data
wMaxPacketSize	0x0004 1x 4 bytes
bInterval	12

Hub Descriptor:

bLength	9
bDescriptorType	41
nNbrPorts	6
wHubCharacteristic	0x000a
No power switching (usb 1.0)	
Per-port overcurrent protection	
bPwrOn2PwrGood	10 * 2 milli seconds
bHubContrCurrent	0 milli Ampere
DeviceRemovable	0x00
PortPwrCtrlMask	0xff

Hub Port Status:

Port 1: 0000.0100 power
Port 2: 0000.0100 power
Port 3: 0000.0100 power
Port 4: 0000.0100 power
Port 5: 0000.0100 power
Port 6: 0000.0100 power

Device Status: 0x0003

Self Powered

Remote Wakeup Enabled

Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Device Descriptor:

bLength	18
bDescriptorType	1
bcdUSB	2.00
bDeviceClass	9 Hub
bDeviceSubClass	0 Unused
bDeviceProtocol	0 Full speed (or root) hub


```
bMaxPacketSize0      64
idVendor              0x1d6b Linux Foundation
idProduct             0x0002 2.0 root hub
bcdDevice             2.06
iManufacturer         3 Linux 2.6.38-8-generic-pae ehci_hcd
iProduct              2 EHCI Host Controller
iSerial               1 0000:00:1a.7
bNumConfigurations    1
Configuration Descriptor:
  bLength              9
  bDescriptorType      2
  wTotalLength         25
  bNumInterfaces       1
  bConfigurationValue  1
  iConfiguration       0
  bmAttributes         0xe0
    Self Powered
    Remote Wakeup
  MaxPower             0mA
  Interface Descriptor:
    bLength            9
    bDescriptorType    4
    bInterfaceNumber   0
    bAlternateSetting  0
    bNumEndpoints      1
    bInterfaceClass    9 Hub
    bInterfaceSubClass 0 Unused
    bInterfaceProtocol 0 Full speed (or root) hub
    iInterface         0
    Endpoint Descriptor:
      bLength          7
      bDescriptorType  5
      bEndpointAddress 0x81 EP 1 IN
      bmAttributes     3
        Transfer Type      Interrupt
        Synch Type         None
        Usage Type         Data
      wMaxPacketSize    0x0004 1x 4 bytes
      bInterval         12
  Hub Descriptor:
    bLength            9
    bDescriptorType    41
    nNbrPorts          6
    wHubCharacteristic 0x000a
      No power switching (usb 1.0)
      Per-port overcurrent protection
    bPwrOn2PwrGood     10 * 2 milli seconds
    bHubContrCurrent   0 milli Ampere
    DeviceRemovable    0x00
    PortPwrCtrlMask    0xff
  Hub Port Status:
```

```
Port 1: 0000.0100 power
Port 2: 0000.0100 power
Port 3: 0000.0100 power
Port 4: 0000.0100 power
Port 5: 0000.0100 power
Port 6: 0000.0100 power
Device Status:      0x0003
Self Powered
Remote Wakeup Enabled
musik
  description: Desktop Computer
  product: P5QL PR0 (To Be Filled By O.E.M.)
  vendor: System manufacturer
  version: System Version
  serial: System Serial Number
  width: 32 bits
  capabilities: smbios-2.5 dmi-2.5 smp-1.4 smp
  configuration: boot=normal chassis=desktop cpus=2 family=To Be Filled By
0.E.M. sku=To Be Filled By O.E.M. uuid=E060D851-205E-DD11-8061-0022157638A3
*-core
  description: Motherboard
  product: P5QL PR0
  vendor: ASUSTeK Computer INC.
  physical id: 0
  version: Rev 1.xx
  serial: MS1C87BX2Y02660
  slot: To Be Filled By O.E.M.
*-firmware
  description: BIOS
  vendor: American Megatrends Inc.
  physical id: 0
  version: 0410
  date: 07/14/2008
  size: 64KiB
  capacity: 960KiB
  capabilities: isa pci pnp apm upgrade shadowing escd cdboot
bootselect socketedrom edd int13floppy1200 int13floppy720 int13floppy2880
int5printscreen int9keyboard int14serial int17printer int10video acpi usb
ls120boot zipboot biosbootspecification
*-cpu:0
  description: CPU
  product: Intel(R) Core(TM)2 Duo CPU      E8400  @ 3.00GHz
  vendor: Intel Corp.
  physical id: 4
  bus info: cpu@0
  version: 6.7.10
  serial: 0001-067A-0000-0000-0000-0000
  slot: LGA775
  size: 2003MHz
  capacity: 3800MHz
```

```
width: 64 bits
clock: 333MHz
capabilities: x86-64 boot fpu fpu_exception wp vme de pse tsc msr
pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr
sse sse2 ss ht tm pbe nx constant_tsc arch_perfmon pebs bts aperfmperf pni
dtes64 monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr pdcm sse4_1 xsave
lahf_lm tpr_shadow vnmi flexpriority cpufreq
configuration: cores=2 enabledcores=2 id=1 threads=2
*-cache:0
  description: L1 cache
  physical id: 5
  slot: L1-Cache
  size: 64KiB
  capacity: 64KiB
  capabilities: internal write-back data
*-cache:1
  description: L2 cache
  physical id: 6
  slot: L2-Cache
  size: 6MiB
  capacity: 6MiB
  capabilities: internal write-back unified
*-logicalcpu:0
  description: Logical CPU
  physical id: 1.1
  width: 64 bits
  capabilities: logical
*-logicalcpu:1
  description: Logical CPU
  physical id: 1.2
  width: 64 bits
  capabilities: logical
*-memory
  description: System Memory
  physical id: 32
  slot: System board or motherboard
  size: 4GiB
*-bank:0
  description: DIMM DDR Synchronous 800 MHz (1,2 ns)
  product: PartNum0
  vendor: Manufacturer0
  physical id: 0
  serial: SerNum0
  slot: DIMM0
  size: 2GiB
  width: 64 bits
  clock: 800MHz (1.2ns)
*-bank:1
  description: DIMM [empty]
  product: PartNum1
  vendor: Manufacturer1
```

```
    physical id: 1
    serial: SerNum1
    slot: DIMM1
*-bank:2
    description: DIMM DDR Synchronous 800 MHz (1,2 ns)
    product: PartNum2
    vendor: Manufacturer2
    physical id: 2
    serial: SerNum2
    slot: DIMM2
    size: 2GiB
    width: 64 bits
    clock: 800MHz (1.2ns)
*-bank:3
    description: DIMM [empty]
    product: PartNum3
    vendor: Manufacturer3
    physical id: 3
    serial: SerNum3
    slot: DIMM3
*-cpu:1
    physical id: 1
    bus info: cpu@1
    version: 6.7.10
    serial: 0001-067A-0000-0000-0000-0000
    size: 2003MHz
    capacity: 2003MHz
    capabilities: vmx ht cpufreq
    configuration: id=1
*-logicalcpu:0
    description: Logical CPU
    physical id: 1.1
    capabilities: logical
*-logicalcpu:1
    description: Logical CPU
    physical id: 1.2
    capabilities: logical
*-pci
    description: Host bridge
    product: 4 Series Chipset DRAM Controller
    vendor: Intel Corporation
    physical id: 100
    bus info: pci@0000:00:00.0
    version: 02
    width: 32 bits
    clock: 33MHz
*-pci:0
    description: PCI bridge
    product: 4 Series Chipset PCI Express Root Port
    vendor: Intel Corporation
```

```
    physical id: 1
    bus info: pci@0000:00:01.0
    version: 02
    width: 32 bits
    clock: 33MHz
    capabilities: pci pm msi pciexpress normal_decode bus_master
cap_list
    configuration: driver=pcieport
    resources: irq:40 ioport:b000(size=4096) memory:fe800000-
fe8ffffff ioport:d0000000(size=268435456)
    *-display
        description: VGA compatible controller
        product: Mobility Radeon HD 3600 Series
        vendor: ATI Technologies Inc
        physical id: 0
        bus info: pci@0000:01:00.0
        version: 00
        width: 64 bits
        clock: 33MHz
        capabilities: pm pciexpress msi vga_controller bus_master
cap_list rom
    configuration: driver=fglrx_pci latency=0
    resources: irq:48 memory:d0000000-dfffffff memory:fe8e0000-
fe8efffff ioport:b000(size=256) memory:fe8c0000-fe8dffff
    *-multimedia
        description: Audio device
        product: RV635 Audio device [Radeon HD 3600 Series]
        vendor: ATI Technologies Inc
        physical id: 0.1
        bus info: pci@0000:01:00.1
        version: 00
        width: 64 bits
        clock: 33MHz
        capabilities: pm pciexpress msi bus_master cap_list
        configuration: driver=HDA Intel latency=0
        resources: irq:46 memory:fe8fc000-fe8ffffff
    *-usb:0
        description: USB Controller
        product: 82801JI (ICH10 Family) USB UHCI Controller #4
        vendor: Intel Corporation
        physical id: 1a
        bus info: pci@0000:00:1a.0
        version: 00
        width: 32 bits
        clock: 33MHz
        capabilities: uhci bus_master cap_list
        configuration: driver=uhci_hcd latency=0
        resources: irq:16 ioport:a800(size=32)
    *-usb:1
        description: USB Controller
        product: 82801JI (ICH10 Family) USB UHCI Controller #5
```

```
vendor: Intel Corporation
physical id: 1a.1
bus info: pci@0000:00:1a.1
version: 00
width: 32 bits
clock: 33MHz
capabilities: uhci bus_master cap_list
configuration: driver=uhci_hcd latency=0
resources: irq:21 ioport:a880(size=32)
*-usb:2
description: USB Controller
product: 82801JI (ICH10 Family) USB UHCI Controller #6
vendor: Intel Corporation
physical id: 1a.2
bus info: pci@0000:00:1a.2
version: 00
width: 32 bits
clock: 33MHz
capabilities: uhci bus_master cap_list
configuration: driver=uhci_hcd latency=0
resources: irq:18 ioport:ac00(size=32)
*-usb:3
description: USB Controller
product: 82801JI (ICH10 Family) USB2 EHCI Controller #2
vendor: Intel Corporation
physical id: 1a.7
bus info: pci@0000:00:1a.7
version: 00
width: 32 bits
clock: 33MHz
capabilities: pm debug ehci bus_master cap_list
configuration: driver=ehci_hcd latency=0
resources: irq:18 memory:fe7ffc00-fe7fffff
*-multimedia
description: Audio device
product: 82801JI (ICH10 Family) HD Audio Controller
vendor: Intel Corporation
physical id: 1b
bus info: pci@0000:00:1b.0
version: 00
width: 64 bits
clock: 33MHz
capabilities: pm msi pciexpress bus_master cap_list
configuration: driver=HDA Intel latency=0
resources: irq:45 memory:fe7f8000-fe7fbfff
*-pci:1
description: PCI bridge
product: 82801JI (ICH10 Family) PCI Express Root Port 1
vendor: Intel Corporation
physical id: 1c
```

```
bus info: pci@0000:00:1c.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pciexpress msi pm normal_decode bus_master
cap_list
configuration: driver=pcieport
resources: irq:41 ioport:1000(size=4096) memory:f0000000-
f03fffff ioport:fd000000(size=1048576)
*-pci:2
description: PCI bridge
product: 82801JI (ICH10 Family) PCI Express Root Port 5
vendor: Intel Corporation
physical id: 1c.4
bus info: pci@0000:00:1c.4
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pciexpress msi pm normal_decode bus_master
cap_list
configuration: driver=pcieport
resources: irq:42 ioport:d000(size=4096) memory:fea00000-
feafffff ioport:f0400000(size=2097152)
*-ide
description: IDE interface
product: 88SE6101/6102 single-port PATA133 interface
vendor: Marvell Technology Group Ltd.
physical id: 0
bus info: pci@0000:03:00.0
version: b2
width: 32 bits
clock: 33MHz
capabilities: ide pm msi pciexpress bus_master cap_list
configuration: driver=pata_marvell latency=0
resources: irq:16 ioport:dc00(size=8) ioport:d880(size=4)
ioport:d800(size=8) ioport:d480(size=4) ioport:d400(size=16)
memory:feaffc00-feaffdff
*-pci:3
description: PCI bridge
product: 82801JI (ICH10 Family) PCI Express Root Port 6
vendor: Intel Corporation
physical id: 1c.5
bus info: pci@0000:00:1c.5
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pciexpress msi pm normal_decode bus_master
cap_list
configuration: driver=pcieport
resources: irq:43 ioport:c000(size=4096) memory:fe900000-
fe9fffff ioport:f0600000(size=2097152)
```

```
*-network
  description: Ethernet interface
  product: AR8121/AR8113/AR8114 Gigabit or Fast Ethernet
  vendor: Atheros Communications
  physical id: 0
  bus info: pci@0000:02:00.0
  logical name: eth1
  version: b0
  serial: 00:22:15:76:38:a3
  size: 1Gbit/s
  capacity: 1Gbit/s
  width: 64 bits
  clock: 33MHz
  capabilities: pm msi pciexpress bus_master cap_list ethernet
physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation
  configuration: autonegotiation=on broadcast=yes driver=ATL1E
driver=ATL1E version=1.0.0.7-NAPI duplex=full firmware=L1e ip=192.168.0.72
latency=0 link=yes multicast=yes port=twisted pair speed=1Gbit/s
  resources: irq:47 memory:fe9c0000-fe9fffff
ioport:cc00(size=128)
*-usb:4
  description: USB Controller
  product: 82801JI (ICH10 Family) USB UHCI Controller #1
  vendor: Intel Corporation
  physical id: 1d
  bus info: pci@0000:00:1d.0
  version: 00
  width: 32 bits
  clock: 33MHz
  capabilities: uhci bus_master cap_list
  configuration: driver=uhci_hcd latency=0
  resources: irq:23 ioport:a080(size=32)
*-usb:5
  description: USB Controller
  product: 82801JI (ICH10 Family) USB UHCI Controller #2
  vendor: Intel Corporation
  physical id: 1d.1
  bus info: pci@0000:00:1d.1
  version: 00
  width: 32 bits
  clock: 33MHz
  capabilities: uhci bus_master cap_list
  configuration: driver=uhci_hcd latency=0
  resources: irq:19 ioport:a400(size=32)
*-usb:6
  description: USB Controller
  product: 82801JI (ICH10 Family) USB UHCI Controller #3
  vendor: Intel Corporation
  physical id: 1d.2
  bus info: pci@0000:00:1d.2
```



```
version: 00
width: 32 bits
clock: 33MHz
capabilities: uhci bus_master cap_list
configuration: driver=uhci_hcd latency=0
resources: irq:18 ioport:a480(size=32)
*-usb:7
description: USB Controller
product: 82801JI (ICH10 Family) USB2 EHCI Controller #1
vendor: Intel Corporation
physical id: 1d.7
bus info: pci@0000:00:1d.7
version: 00
width: 32 bits
clock: 33MHz
capabilities: pm debug ehci bus_master cap_list
configuration: driver=ehci_hcd latency=0
resources: irq:23 memory:fe7ff800-fe7ffbff
*-pci:4
description: PCI bridge
product: 82801 PCI Bridge
vendor: Intel Corporation
physical id: 1e
bus info: pci@0000:00:1e.0
version: 90
width: 32 bits
clock: 33MHz
capabilities: pci subtractive_decode bus_master cap_list
resources: ioport:e000(size=4096) memory:feb00000-febfffff
*-network
description: Ethernet interface
product: 3c905C-TX/TX-M [Tornado]
vendor: 3Com Corporation
physical id: 2
bus info: pci@0000:05:02.0
logical name: eth0
version: 78
serial: 00:0a:5e:3c:72:3b
size: 10Mbit/s
capacity: 100Mbit/s
width: 32 bits
clock: 33MHz
capabilities: pm bus_master cap_list rom ethernet physical
tp mii 10bt 10bt-fd 100bt 100bt-fd autonegotiation
configuration: autonegotiation=on broadcast=yes driver=3c59x
duplex=half latency=64 link=no maxlatency=10 mingnt=10 multicast=yes
port=MII speed=10Mbit/s
resources: irq:18 ioport:ec00(size=128) memory:febffc00-
febffc7f memory:febc0000-febfffff
*-isa
description: ISA bridge
```

```
product: 82801JIB (ICH10) LPC Interface Controller
vendor: Intel Corporation
physical id: 1f
bus info: pci@0000:00:1f.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: isa bus_master cap_list
configuration: latency=0
*-storage
  description: SATA controller
  product: 82801JI (ICH10 Family) SATA AHCI Controller
  vendor: Intel Corporation
  physical id: 1f.2
  bus info: pci@0000:00:1f.2
  logical name: scsi2
  logical name: scsi3
  version: 00
  width: 32 bits
  clock: 66MHz
  capabilities: storage msi pm ahci_1.0 bus_master cap_list
```

emulated

```
configuration: driver=ahci latency=0
resources: irq:44 ioport:9c00(size=8) ioport:9880(size=4)
ioport:9800(size=8) ioport:9480(size=4) ioport:9400(size=32)
memory:fe7fe800-fe7fefff
```

```
*-disk
  description: ATA Disk
  product: ST3500320AS
  vendor: Seagate
  physical id: 0
  bus info: scsi@2:0.0.0
  logical name: /dev/sda
  version: SD15
  serial: 9QM6DAB7
  size: 465GiB (500GB)
  capabilities: partitioned partitioned:dos
  configuration: ansiversion=5 signature=045a045a
*-volume:0
  description: EXT4 volume
  vendor: Linux
  physical id: 1
  bus info: scsi@2:0.0.0,1
  logical name: /dev/sda1
  logical name: /
  version: 1.0
  serial: 6b35b9cf-1898-4fb4-a736-b3fdc4034281
  size: 18GiB
  capacity: 18GiB
  capabilities: primary bootable journaled
```

```
extended_attributes large_files huge_files dir_nlink extents ext4 ext2
initialized
        configuration: created=2011-07-10 08:24:25
filesystem=ext4 lastmountpoint=/ modified=2011-07-10 08:49:20
mount.fstype=ext4 mount.options=rw,relatime,errors=remount-
ro,barrier=1,data=ordered mounted=2011-07-10 09:02:29 state=mounted
    *-volume:1
        description: Linux swap volume
        physical id: 2
        bus info: scsi@2:0.0.0,2
        logical name: /dev/sda2
        version: 1
        serial: 54f8da84-f3da-454b-9ae0-7a9b5823e401
        size: 9538MiB
        capacity: 9538MiB
        capabilities: primary nofs swap initialized
        configuration: filesystem=swap pagesize=4096
    *-volume:2
        description: EXT4 volume
        vendor: Linux
        physical id: 3
        bus info: scsi@2:0.0.0,3
        logical name: /dev/sda3
        logical name: /home
        version: 1.0
        serial: 15905520-fa11-435f-9a07-009f945cd168
        size: 437GiB
        capacity: 437GiB
        capabilities: primary journaled extended_attributes
large_files huge_files dir_nlink recover extents ext4 ext2 initialized
        configuration: created=2011-07-10 08:24:31
filesystem=ext4 lastmountpoint=/home modified=2011-07-10 11:44:37
mount.fstype=ext4 mount.options=rw,relatime,barrier=1,data=ordered
mounted=2011-07-10 11:44:37 state=mounted
    *-cdrom
        description: DVD-RAM writer
        product: DVD-RAM GH20NS10
        vendor: HL-DT-ST
        physical id: 1
        bus info: scsi@3:0.0.0
        logical name: /dev/cdrom
        logical name: /dev/cdrw
        logical name: /dev/dvd
        logical name: /dev/dvdrw
        logical name: /dev/scd0
        logical name: /dev/sr0
        version: EL00
        capabilities: removable audio cd-r cd-rw dvd dvd-r dvd-ram
        configuration: ansiversion=5 status=nodisc
    *-serial UNCLAIMED
        description: SMBus
```

```
product: 82801JI (ICH10 Family) SMBus Controller
vendor: Intel Corporation
physical id: 1f.3
bus info: pci@0000:00:1f.3
version: 00
width: 64 bits
clock: 33MHz
configuration: latency=0
resources: memory:fe7ff400-fe7ff4ff ioport:400(size=32)
```

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