

5 Minuten-Terrinen

In zwei Geschmacksrichtungen:

Schwarze Front darf bleiben

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00:00.0 Host bridge: Intel Corporation 82915G/P/GV/GL/PL/910GL Memory
Controller Hub (rev 04)
  Subsystem: Fujitsu Technology Solutions Scenic W620
  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=09 <?>

00:01.0 PCI bridge: Intel Corporation 82915G/P/GV/GL/PL/910GL PCI Express
Root Port (rev 04) (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: 00004000-00004fff
  Memory behind bridge: f0100000-f01fffff
  Prefetchable memory behind bridge: e0000000-efffffff
  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: Fujitsu Technology Solutions Device 105b
  Capabilities: [80] 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: [90] MSI: Enable+ Count=1/1 Maskable- 64bit-
    Address: fee0300c Data: 4179
  Capabilities: [a0] 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-
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TransPend-

LnkCap: Port #2, Speed 2.5GT/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-

LnkSta: Speed 2.5GT/s, Width x16, TrErr- Train- SlotClk+
DLActive- BWMgmt- ABWMgmt-

SltCap: AttnBtn- PwrCtrl- MRL- AttnInd- PwrInd- HotPlug-
Surprise-

Slot #4096, PowerLimit 75.000W; Interlock- NoCompl-

SltCtl: Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPIrq-
LinkChg-

Control: AttnInd Off, PwrInd On, 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: [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=00

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

00:1c.0 PCI bridge: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family)
PCI Express Port 1 (rev 03) (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: 00007000-00007fff

Memory behind bridge: 80a00000-80bfffff
Prefetchable memory behind bridge: 0000000080c00000-0000000080dfffff
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 unlimited,
L1 unlimited
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
<1us, 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 0.000W; 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: 4181
Capabilities: [90] Subsystem: Fujitsu Technology Solutions Device 105c
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

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Status:      NegoPending- InProgress-
VC1:   Caps:   PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
Arb:     Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
Ctrl:     Enable- ID=0 ArbSelect=Fixed TC/VC=00
Status:      NegoPending- InProgress-
Capabilities: [180 v1] Root Complex Link
Desc:      PortNumber=01 ComponentID=02 EltType=Config
Link0:     Desc:      TargetPort=00 TargetComponent=02 AssocRCRB-
LinkType=MemMapped LinkValid+
Addr:      00000000febfc001
Kernel driver in use: pcieport
Kernel modules: shpchp

00:1c.1 PCI bridge: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family)
PCI Express Port 2 (rev 03) (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=05, subordinate=05, sec-latency=0
I/O behind bridge: 00006000-00006fff
Memory behind bridge: 80600000-807fffff
Prefetchable memory behind bridge: 0000000080800000-00000000809fffff
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 unlimited,
L1 unlimited
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 2.5GT/s, Width x1, ASPM L0s L1, Latency L0
<1us, 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 0.000W; Interlock- NoCompl-
SltCtl:     Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPIrq-
LinkChg-
Control: AttnInd Unknown, PwrInd Unknown, Power- Interlock-
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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: 4189
Capabilities: [90] Subsystem: Fujitsu Technology Solutions Device 105c
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-
    VC1:      Caps:      PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
        Arb:      Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
        Ctrl:      Enable- ID=0 ArbSelect=Fixed TC/VC=00
        Status:    NegoPending- InProgress-
Capabilities: [180 v1] Root Complex Link
    Desc:      PortNumber=02 ComponentID=02 EltType=Config
    Link0:     Desc:      TargetPort=00 TargetComponent=02 AssocRCRB-
LinkType=MemMapped LinkValid+
        Addr:      00000000febfc001
    Kernel driver in use: pcieport
    Kernel modules: shpchp

00:1c.2 PCI bridge: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family)
PCI Express Port 3 (rev 03) (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=07, subordinate=07, sec-latency=0
    I/O behind bridge: 00005000-00005fff
    Memory behind bridge: f0200000-f02fffff
    Prefetchable memory behind bridge: 0000000080400000-00000000805fffff
    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
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DevCap: MaxPayload 128 bytes, PhantFunc 0, Latency L0s unlimited,
L1 unlimited
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 #3, 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 #3, 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: 4191
Capabilities: [90] Subsystem: Fujitsu Technology Solutions Device 105c
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-
VC1: Caps: PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
Arb: Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
Ctrl: Enable- ID=0 ArbSelect=Fixed TC/VC=00
Status: NegoPending- InProgress-
Capabilities: [180 v1] Root Complex Link
Desc: PortNumber=03 ComponentID=02 EltType=Config

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Link0: Desc: TargetPort=00 TargetComponent=02 AssocRCRB-
LinkType=MemMapped LinkValid+
    Addr: 00000000febfc001
    Kernel driver in use: pcieport
    Kernel modules: shpchp

00:1c.3 PCI bridge: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family)
PCI Express Port 4 (rev 03) (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=09, subordinate=09, sec-latency=0
    I/O behind bridge: 00001000-00001fff
    Memory behind bridge: 80000000-801fffff
    Prefetchable memory behind bridge: 0000000080200000-00000000803fffff
    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 unlimited,
L1 unlimited
    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 #4, Speed 2.5GT/s, Width x1, ASPM L0s L1, Latency L0
<1us, 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 0.000W; 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-
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Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit-
Address: fee0300c Data: 4199
Capabilities: [90] Subsystem: Fujitsu Technology Solutions Device 105c
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-
VC1: Caps: PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
Arb: Fixed+ WRR32- WRR64- WRR128- TWRR128- WRR256-
Ctrl: Enable- ID=0 ArbSelect=Fixed TC/VC=00
Status: NegoPending- InProgress-
Capabilities: [180 v1] Root Complex Link
Desc: PortNumber=04 ComponentID=02 EltType=Config
Link0: Desc: TargetPort=00 TargetComponent=02 AssocRCRB-
LinkType=MemMapped LinkValid+
Addr: 00000000febfc001
Kernel driver in use: pcieport
Kernel modules: shpchp
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00:1d.0 USB controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6
Family) USB UHCI #1 (rev 03) (prog-if 00 [UHCI])
Subsystem: Fujitsu Technology Solutions Scenic W620
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 2000 [size=32]
Kernel driver in use: uhci_hcd
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00:1d.1 USB controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6
Family) USB UHCI #2 (rev 03) (prog-if 00 [UHCI])
Subsystem: Fujitsu Technology Solutions Scenic W620
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 22
Region 4: I/O ports at 2400 [size=32]
Kernel driver in use: uhci_hcd
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00:1d.2 USB controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB UHCI #3 (rev 03) (prog-if 00 [UHCI])

Subsystem: Fujitsu Technology Solutions Scenic W620

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 21

Region 4: I/O ports at 2800 [size=32]

Kernel driver in use: uhci_hcd

00:1d.3 USB controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB UHCI #4 (rev 03) (prog-if 00 [UHCI])

Subsystem: Fujitsu Technology Solutions Scenic W620

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 D routed to IRQ 20

Region 4: I/O ports at 2c00 [size=32]

Kernel driver in use: uhci_hcd

00:1d.7 USB controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB2 EHCI Controller (rev 03) (prog-if 20 [EHCI])

Subsystem: Fujitsu Technology Solutions Scenic W620

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 f0000000 (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

Kernel driver in use: ehci_hcd

00:1e.0 PCI bridge: Intel Corporation 82801 PCI Bridge (rev d3) (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=0b, subordinate=0b, sec-latency=0

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: Fujitsu Technology Solutions Device 105c
```

00:1e.2 Multimedia audio controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) AC'97 Audio Controller (rev 03)

Subsystem: Fujitsu Technology Solutions Scenic W620

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 17

Region 0: I/O ports at 3400 [size=256]

Region 1: I/O ports at 3000 [size=64]

Region 2: Memory at f0000800 (32-bit, non-prefetchable) [size=512]

Region 3: Memory at f0000400 (32-bit, non-prefetchable) [size=256]

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-

Kernel driver in use: snd_intel8x0

Kernel modules: snd-intel8x0

00:1f.0 ISA bridge: Intel Corporation 82801FB/FR (ICH6/ICH6R) LPC Interface Bridge (rev 03)

Subsystem: Fujitsu Technology Solutions Scenic W620

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

Kernel modules: iTCO_wdt, intel-rng

00:1f.1 IDE interface: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) IDE Controller (rev 03) (prog-if 8a [Master SecP PriP])

Subsystem: Fujitsu Technology Solutions Scenic W620

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 18

Region 0: I/O ports at 01f0 [size=8]

Region 1: I/O ports at 03f4 [size=1]

Region 2: I/O ports at 0170 [size=8]

Region 3: I/O ports at 0374 [size=1]

Region 4: I/O ports at 3c00 [size=16]

Kernel driver in use: ata_piix

00:1f.2 IDE interface: Intel Corporation 82801FB/FW (ICH6/ICH6W) SATA

```
Controller (rev 03) (prog-if 8f [Master SecP Sec0 PriP Pri0])
  Subsystem: Fujitsu Technology Solutions Scenic W620
  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 0: I/O ports at 3c30 [size=8]
  Region 1: I/O ports at 3c24 [size=4]
  Region 2: I/O ports at 3c28 [size=8]
  Region 3: I/O ports at 3c20 [size=4]
  Region 4: I/O ports at 3c10 [size=16]
  Capabilities: [70] 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-
  Kernel driver in use: ata_piix

00:1f.3 SMBus: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) SMBus
Controller (rev 03)
  Subsystem: Fujitsu Technology Solutions Scenic W620
  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 B routed to IRQ 9
  Region 4: I/O ports at 3800 [size=32]
  Kernel modules: i2c-i801

01:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI]
RV380 [Radeon X600] (prog-if 00 [VGA controller])
  Subsystem: PC Partner Limited / Sapphire Technology Device 0450
  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 e0000000 (32-bit, prefetchable) [size=256M]
  Region 1: I/O ports at 4000 [size=256]
  Region 2: Memory at f0100000 (32-bit, non-prefetchable) [size=64K]
[virtual] Expansion ROM at f0120000 [disabled] [size=128K]
  Capabilities: [50] 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: [58] Express (v1) Endpoint, MSI 00
    DevCap:    MaxPayload 128 bytes, PhantFunc 0, Latency L0s <128ns, L1
<2us
    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 2.5GT/s, Width x16, ASPM L0s L1, Latency
L0 <128ns, L1 <1us
    ClockPM- Surprise- LLActRep- BwNot-
    LnkCtl:    ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk+
    ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
    LnkSta:    Speed 2.5GT/s, Width x16, TrErr- Train- SlotClk+
DLActive- BWMgmt- ABWMgmt-
    Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit+
    Address: 00000000fee0300c Data: 41a1
    Capabilities: [100 v1] Advanced Error Reporting
    UESta:    DLP- SDES- TLP- FCP- CmplTt0- CmpltAbrt- UnxCmplt- RxOF-
MalftTLP- ECRC- UnsupReq- ACSViol-
    UEMsk:    DLP- SDES- TLP- FCP- CmplTt0- CmpltAbrt- UnxCmplt- RxOF-
MalftTLP- ECRC- UnsupReq- ACSViol-
    UESvrt:    DLP+ SDES- TLP- FCP+ CmplTt0- CmpltAbrt- UnxCmplt- RxOF+
MalftTLP+ ECRC- UnsupReq- ACSViol-
    CESTa:    RxErr- BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr-
    CEMsk:    RxErr- BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr-
    AERCap:    First Error Pointer: 00, GenCap- CGenEn- ChkCap- ChkEn-
Kernel driver in use: radeon
Kernel modules: radeon, radeonfb

01:00.1 Display controller: Advanced Micro Devices, Inc. [AMD/ATI] RV380
[Radeon X600] (Secondary)
    Subsystem: PC Partner Limited / Sapphire Technology Device 0451
    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
    Region 0: Memory at f0110000 (32-bit, non-prefetchable) [size=64K]
    Capabilities: [50] 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: [58] Express (v1) Endpoint, MSI 00
    DevCap:    MaxPayload 128 bytes, PhantFunc 0, Latency L0s <128ns, L1
<2us
    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 2.5GT/s, Width x16, ASPM L0s L1, Latency
L0 <128ns, L1 <1us
    ClockPM- Surprise- LLActRep- BwNot-
LnkCtl:    ASPM Disabled; RCB 64 bytes Disabled- Retrain- CommClk-
    ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta:    Speed 2.5GT/s, Width x16, TrErr- Train- SlotClk+
DLActive- BWMgmt- ABWMgmt-

07:00.0 Ethernet controller: Broadcom Corporation NetXtreme BCM5751 Gigabit
Ethernet PCI Express (rev 11)
    Subsystem: Fujitsu Technology Solutions Scenic W620
    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 18
    Region 0: Memory at f0200000 (64-bit, non-prefetchable) [size=64K]
    Expansion ROM at <ignored> [disabled]
    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] Vital Product Data
        Product Name: Broadcom NetXtreme Gigabit Ethernet Controller
        Read-only fields:
            [PN] Part number: BCM95751
            [EC] Engineering changes: 106679-15
            [SN] Serial number: 0123456789
            [MN] Manufacture ID: 31 34 65 34
            [V0] Vendor specific: 0150
            [RV] Reserved: checksum bad, 21 byte(s) reserved
        Read/write fields:
            [YA] Asset tag: XYZ01234567
            [RW] Read-write area: 107 byte(s) free
    End
    Capabilities: [58] MSI: Enable- Count=1/8 Maskable- 64bit+
        Address: 1313c00c8b887194 Data: dcc6
    Capabilities: [d0] Express (v1) 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 512 bytes
        DevSta:    CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr+
TransPend-
        LnkCap:    Port #0, Speed 2.5GT/s, Width x1, ASPM L0s, Latency L0
<2us, L1 <64us
            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- CmpltTO- CmpltAbrt- UnxCmplt- RxOF-
MalftTLP- ECRC- UnsupReq- ACSViol-
  UEMsk:    DLP- SDES- TLP- FCP- CmpltTO- CmpltAbrt- UnxCmplt- RxOF-
MalftTLP- ECRC- UnsupReq- ACSViol-
  UESvrt:    DLP+ SDES- TLP- FCP+ CmpltTO- CmpltAbrt- UnxCmplt- RxOF+
MalftTLP+ ECRC- UnsupReq- ACSViol-
  CESTa:    RxErr- BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr-
  CEMsk:    RxErr- BadTLP- BadDLLP- Rollover- Timeout- NonFatalErr-
  AERCap:    First Error Pointer: 00, GenCap+ CGenEn- ChkCap+ ChkEn-
Capabilities: [13c 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=ff
           Status:    NegoPending- InProgress-
Kernel driver in use: tg3
Kernel modules: tg3

```

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              3.02
iManufacturer          3 Linux 3.2.0-72-generic 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          11
  bDescriptorType   41
  nNbrPorts        8
  wHubCharacteristic 0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
  bPwrOn2PwrGood    10 * 2 milli seconds
  bHubContrCurrent   0 milli Ampere
  DeviceRemovable    0x00 0x00
  PortPwrCtrlMask    0xff 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
  Port 7: 0000.0100 power
  Port 8: 0000.0100 power
Device Status:      0x0001
Self Powered

Bus 002 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             3.02
iManufacturer         3 Linux 3.2.0-72-generic 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:       0x0001
Self Powered
```

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             3.02
iManufacturer         3 Linux 3.2.0-72-generic 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: 0x0001
Self Powered

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	3.02
iManufacturer	3 Linux 3.2.0-72-generic 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: 0000.0303 lowspeed power enable connect

```

```
Device Status: 0x0001
```

```
Self Powered
```

```
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             3.02
iManufacturer         3 Linux 3.2.0-72-generic uhci_hcd
iProduct              2 UHCI Host Controller
iSerial               1 0000:00:1d.3
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:    0x0001
  Self Powered
```

Bus 004 Device 002: ID 045e:0084 Microsoft Corp. Basic Optical Mouse

Device Descriptor:

```
bLength          18
bDescriptorType   1
```

```
bcdUSB                1.10
bDeviceClass           0 (Defined at Interface level)
bDeviceSubClass        0
bDeviceProtocol        0
bMaxPacketSize0        8
idVendor               0x045e Microsoft Corp.
idProduct              0x0084 Basic Optical Mouse
bcdDevice              3.90
iManufacturer          1 Microsoft
iProduct               2 Microsoft Basic Optical Mouse
iSerial                0
bNumConfigurations     1
Configuration Descriptor:
  bLength               9
  bDescriptorType       2
  wTotalLength          34
  bNumInterfaces        1
  bConfigurationValue   1
  iConfiguration        0
  bmAttributes           0xa0
    (Bus Powered)
    Remote Wakeup
  MaxPower              100mA
  Interface Descriptor:
    bLength             9
    bDescriptorType     4
    bInterfaceNumber    0
    bAlternateSetting   0
    bNumEndpoints       1
    bInterfaceClass     3 Human Interface Device
    bInterfaceSubClass  1 Boot Interface Subclass
    bInterfaceProtocol  2 Mouse
    iInterface          0
      HID Device Descriptor:
        bLength           9
        bDescriptorType   33
        bcdHID            1.11
        bCountryCode      0 Not supported
        bNumDescriptors   1
        bDescriptorType   34 Report
        wDescriptorLength 52
      Report Descriptors:
        ** UNAVAILABLE **
  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            10
Device Status:      0x0000
  (Bus Powered)
rbs101
  Beschreibung: »Mini Tower«-Rechner
  Version: SCEP2
  Breite: 32 bits
  Fähigkeiten: smbios-2.31 dmi-2.31 smp-1.1 smp
  Konfiguration: boot=normal chassis=mini-tower cpus=1 uuid=F3DC703A-
E8A1-11D9-B115-0030059D63E9
  *-core
    Beschreibung: Hauptplatine
    Produkt: D1931
    Hersteller: FUJITSU SIEMENS
    Physische ID: 0
    Version: S26361-D1931
    Seriennummer: B0041C52
  *-firmware
    Beschreibung: BIOS
    Hersteller: FUJITSU SIEMENS // Phoenix Technologies Ltd.
    Physische ID: 0
    Version: 5.00 R1.12.1931
    date: 05/03/2005
    Größe: 110KiB
    Kapazität: 448KiB
    Fähigkeiten: pci pnp apm upgrade shadowing escd cdboot bootselect
int13floppy nec int13floppy toshiba int13floppy360 int13floppy1200
int13floppy720 int13floppy2880 int5printscreen int9keyboard int14serial
int17printer int10video acpi usb agp ls120boot zipboot biosboot specification
  *-cpu
    Beschreibung: CPU
    Produkt: Intel(R) Pentium(R) 4 CPU 2.80GHz
    Hersteller: Intel Corp.
    Physische ID: 4
    Bus-Informationen: cpu@0
    Version: 15.4.1
    Seriennummer: 0000-0F41-0000-0000-0000-0000
    Steckplatz: CPU
    Größe: 2800MHz
    Kapazität: 2800MHz
    Breite: 64 bits
    Takt: 800MHz
    Fähigkeiten: boot fpu fpu_exception wp vme de pse tsc msr pae mce
cx8 apic mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss
ht tm pbe nx x86-64 constant_tsc pebs bts pni dtes64 monitor ds_cpl cid cx16
xtpr
    Konfiguration: id=0
  *-cache:0
    Beschreibung: L1 Cache
    Physische ID: 5
```

```
    Steckplatz: L1 Cache
    Größe: 16KiB
    Kapazität: 32KiB
    Fähigkeiten: burst synchronous internal write-through data
*-cache:1
    Beschreibung: L2 Cache
    Physische ID: 6
    Steckplatz: L2 Cache
    Größe: 1MiB
    Kapazität: 1MiB
    Fähigkeiten: burst internal write-back unified
*-logicalcpu:0
    Beschreibung: Logische CPU
    Physische ID: 0.1
    Breite: 64 bits
    Fähigkeiten: logical
*-logicalcpu:1
    Beschreibung: Logische CPU
    Physische ID: 0.2
    Breite: 64 bits
    Fähigkeiten: logical
*-memory
    Beschreibung: Systemspeicher
    Physische ID: 22
    Steckplatz: Systemplatine oder Hauptplatine
    Größe: 2GiB
*-bank:0
    Beschreibung: DIMM DDR Synchron 400 MHz (2,5 ns)
    Physische ID: 0
    Steckplatz: Slot-1
    Größe: 1GiB
    Breite: 64 bits
    Takt: 400MHz (2.5ns)
*-bank:1
    Beschreibung: DIMM DDR Synchron 400 MHz (2,5 ns) [leer]
    Physische ID: 1
    Steckplatz: Slot-3
    Takt: 400MHz (2.5ns)
*-bank:2
    Beschreibung: DIMM DDR Synchron 400 MHz (2,5 ns)
    Physische ID: 2
    Steckplatz: Slot-2
    Größe: 1GiB
    Breite: 64 bits
    Takt: 400MHz (2.5ns)
*-bank:3
    Beschreibung: DIMM DDR Synchron 400 MHz (2,5 ns) [leer]
    Physische ID: 3
    Steckplatz: Slot-4
    Takt: 400MHz (2.5ns)
*-pci
```

```
Beschreibung: Host bridge
Produkt: 82915G/P/GV/GL/PL/910GL Memory Controller Hub
Hersteller: Intel Corporation
Physische ID: 100
Bus-Informationen: pci@0000:00:00.0
Version: 04
Breite: 32 bits
Takt: 33MHz
*-pci:0
  Beschreibung: PCI bridge
  Produkt: 82915G/P/GV/GL/PL/910GL PCI Express Root Port
  Hersteller: Intel Corporation
  Physische ID: 1
  Bus-Informationen: pci@0000:00:01.0
  Version: 04
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pci pm msi pciexpress normal_decode bus_master
cap_list
  Konfiguration: driver=pcieport
  Ressourcen: irq:40 ioport:4000(Größe=4096) memory:f0100000-
f01ffffff memory:e0000000-ffffffff
*-display:0
  Beschreibung: VGA compatible controller
  Produkt: RV380 [Radeon X600]
  Hersteller: Hynix Semiconductor (Hyundai Electronics)
  Physische ID: 0
  Bus-Informationen: pci@0000:01:00.0
  Version: 00
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pm pciexpress msi vga_controller bus_master
cap_list rom
  Konfiguration: driver=radeon latency=0
  Ressourcen: irq:45 memory:e0000000-ffffffff
ioport:4000(Größe=256) memory:f0100000-f010ffff memory:f0120000-f013ffff
*-display:1 UNGEFORDERT
  Beschreibung: Display controller
  Produkt: RV380 [Radeon X600] (Secondary)
  Hersteller: Hynix Semiconductor (Hyundai Electronics)
  Physische ID: 0.1
  Bus-Informationen: pci@0000:01:00.1
  Version: 00
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pm pciexpress bus_master cap_list
  Konfiguration: latency=0
  Ressourcen: memory:f0110000-f011ffff
*-pci:1
  Beschreibung: PCI bridge
  Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) PCI Express Port 1
```



```
Hersteller: Intel Corporation
Physische ID: 1c
Bus-Informationen: pci@0000:00:1c.0
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pci pciexpress msi pm normal_decode bus_master
cap_list
Konfiguration: driver=pcieport
Ressourcen: irq:41 ioport:7000(Größe=4096)
memory:80a00000-80bfffff ioport:80c00000(Größe=2097152)
*-pci:2
Beschreibung: PCI bridge
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) PCI Express Port 2
Hersteller: Intel Corporation
Physische ID: 1c.1
Bus-Informationen: pci@0000:00:1c.1
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pci pciexpress msi pm normal_decode bus_master
cap_list
Konfiguration: driver=pcieport
Ressourcen: irq:42 ioport:6000(Größe=4096)
memory:80600000-807fffff ioport:80800000(Größe=2097152)
*-pci:3
Beschreibung: PCI bridge
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) PCI Express Port 3
Hersteller: Intel Corporation
Physische ID: 1c.2
Bus-Informationen: pci@0000:00:1c.2
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pci pciexpress msi pm normal_decode bus_master
cap_list
Konfiguration: driver=pcieport
Ressourcen: irq:43 ioport:5000(Größe=4096) memory:f0200000-
f02fffff ioport:80400000(Größe=2097152)
*-network
Beschreibung: Ethernet interface
Produkt: NetXtreme BCM5751 Gigabit Ethernet PCI Express
Hersteller: Broadcom Corporation
Physische ID: 0
Bus-Informationen: pci@0000:07:00.0
Logischer Name: eth0
Version: 11
Seriennummer: 00:30:05:9d:63:e9
Größe: 1Gbit/s
Kapazität: 1Gbit/s
Breite: 64 bits
```

```
Takt: 33MHz
Fähigkeiten: pm vpd msi pciexpress bus_master cap_list
ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt 1000bt-fd
autonegotiation
Konfiguration: autonegotiation=on broadcast=yes driver=tg3
driverversion=3.121 duplex=full firmware=5751-v3.29a ip=10.16.21.1 latency=0
link=yes multicast=yes port=twisted pair speed=1Gbit/s
Ressourcen: irq:18 memory:f0200000-f020ffff
*-pci:4
Beschreibung: PCI bridge
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) PCI Express Port 4
Hersteller: Intel Corporation
Physische ID: 1c.3
Bus-Informationen: pci@0000:00:1c.3
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pci pciexpress msi pm normal_decode bus_master
cap_list
Konfiguration: driver=pcieport
Ressourcen: irq:44 ioport:1000(Größe=4096)
memory:80000000-801fffff ioport:80200000(Größe=2097152)
*-usb:0
Beschreibung: USB controller
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB UHCI #1
Hersteller: Intel Corporation
Physische ID: 1d
Bus-Informationen: pci@0000:00:1d.0
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: uhci bus_master
Konfiguration: driver=uhci_hcd latency=0
Ressourcen: irq:23 ioport:2000(Größe=32)
*-usb:1
Beschreibung: USB controller
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB UHCI #2
Hersteller: Intel Corporation
Physische ID: 1d.1
Bus-Informationen: pci@0000:00:1d.1
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: uhci bus_master
Konfiguration: driver=uhci_hcd latency=0
Ressourcen: irq:22 ioport:2400(Größe=32)
*-usb:2
Beschreibung: USB controller
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB UHCI #3
Hersteller: Intel Corporation
Physische ID: 1d.2
```

Bus-Informationen: pci@0000:00:1d.2
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: uhci bus_master
Konfiguration: driver=uhci_hcd latency=0
Ressourcen: irq:21 ioport:2800(Größe=32)

*-usb:3

Beschreibung: USB controller
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB UHCI #4
Hersteller: Intel Corporation
Physische ID: 1d.3
Bus-Informationen: pci@0000:00:1d.3
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: uhci bus_master
Konfiguration: driver=uhci_hcd latency=0
Ressourcen: irq:20 ioport:2c00(Größe=32)

*-usb:4

Beschreibung: USB controller
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB2 EHCI

Controller

Hersteller: Intel Corporation
Physische ID: 1d.7
Bus-Informationen: pci@0000:00:1d.7
Version: 03
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pm debug ehci bus_master cap_list
Konfiguration: driver=ehci_hcd latency=0
Ressourcen: irq:23 memory:f0000000-f00003ff

*-pci:5

Beschreibung: PCI bridge
Produkt: 82801 PCI Bridge
Hersteller: Intel Corporation
Physische ID: 1e
Bus-Informationen: pci@0000:00:1e.0
Version: d3
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pci subtractive_decode bus_master cap_list

*-multimedia

Beschreibung: Multimedia audio controller
Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) AC'97 Audio

Controller

Hersteller: Intel Corporation
Physische ID: 1e.2
Bus-Informationen: pci@0000:00:1e.2
Version: 03
Breite: 32 bits

```
Takt: 33MHz
Fähigkeiten: pm bus_master cap_list
Konfiguration: driver=snd_intel8x0 latency=0
Ressourcen: irq:17 ioport:3400(Größe=256) ioport:3000(Größe=64)
memory:f0000800-f00009ff memory:f0000400-f00004ff
*-isa
  Beschreibung: ISA bridge
  Produkt: 82801FB/FR (ICH6/ICH6R) LPC Interface Bridge
  Hersteller: Intel Corporation
  Physische ID: 1f
  Bus-Informationen: pci@0000:00:1f.0
  Version: 03
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: isa bus_master
  Konfiguration: latency=0
*-ide:0
  Beschreibung: IDE interface
  Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) IDE Controller
  Hersteller: Intel Corporation
  Physische ID: 1f.1
  Bus-Informationen: pci@0000:00:1f.1
  Logischer Name: scsi0
  Version: 03
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: ide bus_master emulated
  Konfiguration: driver=ata_piix latency=0
  Ressourcen: irq:18 ioport:1f0(Größe=8) ioport:3f6
ioport:170(Größe=8) ioport:376 ioport:3c00(Größe=16)
*-cdrom
  Beschreibung: DVD reader
  Produkt: DVD-ROM GDR8163B
  Hersteller: HL-DT-ST
  Physische ID: 0.0.0
  Bus-Informationen: scsi@0:0.0.0
  Logischer Name: /dev/cdrom2
  Logischer Name: /dev/cdrw2
  Logischer Name: /dev/dvd2
  Logischer Name: /dev/dvdrw2
  Logischer Name: /dev/sr0
  Version: 0F21
  Fähigkeiten: removable audio dvd
  Konfiguration: ansiversion=5 status=nodisc
*-ide:1
  Beschreibung: IDE interface
  Produkt: 82801FB/FW (ICH6/ICH6W) SATA Controller
  Hersteller: Intel Corporation
  Physische ID: 1f.2
  Bus-Informationen: pci@0000:00:1f.2
  Logischer Name: scsi2
```

```
Version: 03
Breite: 32 bits
Takt: 66MHz
Fähigkeiten: ide pm bus_master cap_list emulated
Konfiguration: driver=ata_piix latency=0
Ressourcen: irq:19 ioport:3c30(Größe=8) ioport:3c24(Größe=4)
ioport:3c28(Größe=8) ioport:3c20(Größe=4) ioport:3c10(Größe=16)
*-disk
  Beschreibung: ATA Disk
  Produkt: SAMSUNG SP0812C
  Physische ID: 0.0.0
  Bus-Informationen: scsi@2:0.0.0
  Logischer Name: /dev/sda
  Version: SU10
  Seriennummer: S01UJ10Y675965
  Größe: 74GiB (80GB)
  Fähigkeiten: partitioned partitioned:dos
  Konfiguration: ansiversion=5 signature=29ad7054
*-volume:0
  Beschreibung: Linux filesystem partition
  Hersteller: Linux
  Physische ID: 1
  Bus-Informationen: scsi@2:0.0.0,1
  Logischer Name: /dev/sda1
  Logischer Name: /
  Version: 0.0
  Größe: 14GiB
  Kapazität: 14GiB
  Fähigkeiten: primary bootable ext2 initialized
  Konfiguration: filesystem=ext2 modified=2014-11-22
15:46:46 mount.fstype=ext2 mount.options=rw,noatime,errors=remount-ro
mounted=2014-11-22 15:46:31 state=mounted
*-volume:1
  Beschreibung: Linux swap Laufwerk
  Physische ID: 2
  Bus-Informationen: scsi@2:0.0.0,2
  Logischer Name: /dev/sda2
  Version: 1
  Größe: 2047MiB
  Kapazität: 2047MiB
  Fähigkeiten: primary nofs swap initialized
  Konfiguration: filesystem=swap pagesize=4096
*-volume:2
  Beschreibung: Linux filesystem partition
  Hersteller: Linux
  Physische ID: 3
  Bus-Informationen: scsi@2:0.0.0,3
  Logischer Name: /dev/sda3
  Logischer Name: /media/vm
  Version: 0.0
  Größe: 25GiB
```

```
Kapazität: 25GiB
Fähigkeiten: primary ext2 initialized
Konfiguration: filesystem=ext2 modified=2014-11-22
15:48:37 mount.fstype=ext2 mount.options=rw,relatime,errors=continue
mounted=2014-11-22 15:46:25 state=mounted
*-serial UNGEFORDERT
  Beschreibung: SMBus
  Produkt: 82801FB/FBM/FR/FW/FRW (ICH6 Family) SMBus Controller
  Hersteller: Intel Corporation
  Physische ID: 1f.3
  Bus-Informationen: pci@0000:00:1f.3
  Version: 03
  Breite: 32 bits
  Takt: 33MHz
  Konfiguration: latency=0
  Ressourcen: ioport:3800(Größe=32)
*-power UNGEFORDERT
  Beschreibung: S26113-E502-V50
  Physische ID: 1
  Version: GS01 REV02
  Seriennummer: 082304
  Kapazität: 220mWh
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 15
model         : 4
model name    : Intel(R) Pentium(R) 4 CPU 2.80GHz
stepping      : 1
microcode     : 0x12
cpu MHz       : 2793.133
cache size    : 1024 KB
physical id   : 0
siblings      : 2
core id       : 0
cpu cores     : 1
apicid        : 0
initial apicid : 0
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
cpuid level   : 5
wp            : yes
flags         : fpu vme de pse tsc msr pae mce cx8 apic mtrr pge mca cmov pat
pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm constant_tsc
pebs bts pni dtes64 monitor ds_cpl cid cx16 xtpr
bogomips      : 5586.26
clflush size   : 64
cache_alignment : 128
```

```
address sizes   : 36 bits physical, 48 bits virtual
power management:

processor       : 1
vendor_id      : GenuineIntel
cpu family     : 15
model          : 4
model name     : Intel(R) Pentium(R) 4 CPU 2.80GHz
stepping       : 1
microcode      : 0x12
cpu MHz        : 2793.133
cache size     : 1024 KB
physical id    : 0
siblings       : 2
core id        : 0
cpu cores      : 1
apicid         : 1
initial apicid : 1
fdiv_bug       : no
hlt_bug        : no
f00f_bug       : no
coma_bug       : no
fpu            : yes
fpu_exception  : yes
cpuid level    : 5
wp             : yes
flags          : fpu vme de pse tsc msr pae mce cx8 apic mtrr pge mca cmov pat
pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm constant_tsc
pebs bts pni dtes64 monitor ds_cpl cid cx16 xtpr
bogomips       : 5586.33
clflush size   : 64
cache_alignment : 128
address sizes   : 36 bits physical, 48 bits virtual
power management:
```

Schwarz-weiße Front kommt weg

```
00:00.0 RAM memory: NVIDIA Corporation C51 Host Bridge (rev a2)
  Subsystem: Fujitsu Technology Solutions Device 10c5
  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: [44] HyperTransport: Slave or Primary Interface
    Command: BaseUnitID=0 UnitCnt=15 MastHost- DefDir- DUL-
    Link Control 0: CFlE+ CST- CFE- <LkFail- Init+ EOC- TX0- <CRCErr=0
IsocEn- LSEn- ExtCTL- 64b-
```

```
Link Config 0: MLWI=16bit DwFcIn- MLW0=16bit DwFcOut- LWI=16bit
DwFcInEn- LW0=16bit DwFcOutEn-
Link Control 1: CFlE+ CST- CFE- <LkFail- Init+ EOC- TX0- <CRCErr=0
IsocEn- LSEn+ ExtCTL- 64b-
Link Config 1: MLWI=16bit DwFcIn- MLW0=16bit DwFcOut- LWI=8bit
DwFcInEn- LW0=8bit DwFcOutEn-
Revision ID: 1.03
Link Frequency 0: 1.0GHz
Link Error 0: <Prot- <Ovfl- <EOC- CTLTm-
Link Frequency Capability 0: 200MHz+ 300MHz+ 400MHz+ 500MHz+ 600MHz+
800MHz+ 1.0GHz+ 1.2GHz- 1.4GHz- 1.6GHz- Vend-
Feature Capability: IsocFC+ LDTSTOP+ CRCTM- ECTLT- 64bA- UIDRD-
Link Frequency 1: 800MHz
Link Error 1: <Prot- <Ovfl- <EOC- CTLTm-
Link Frequency Capability 1: 200MHz+ 300MHz+ 400MHz+ 500MHz+ 600MHz+
800MHz+ 1.0GHz+ 1.2GHz- 1.4GHz- 1.6GHz- Vend-
Error Handling: PFlE+ OFlE+ PFE- OFE- EOCFE- RFE- CRCFE- SERRFE- CF-
RE- PNFE- ONFE- EOCNFE- RNFE- CRCNFE- SERRNFE-
Prefetchable memory behind bridge Upper: 00-00
Bus Number: 00
Capabilities: [e0] HyperTransport: MSI Mapping Enable+ Fixed-
Mapping Address Base: 00000000fee00000

00:00.1 RAM memory: NVIDIA Corporation C51 Memory Controller 0 (rev a2)
Subsystem: Fujitsu Technology Solutions Device 10c5
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-

00:00.2 RAM memory: NVIDIA Corporation C51 Memory Controller 1 (rev a2)
Subsystem: Fujitsu Technology Solutions Device 10c5
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-

00:00.3 RAM memory: NVIDIA Corporation C51 Memory Controller 5 (rev a2)
Subsystem: Fujitsu Technology Solutions Device 10c5
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-

00:00.4 RAM memory: NVIDIA Corporation C51 Memory Controller 4 (rev a2)
Subsystem: Fujitsu Technology Solutions Device 10c5
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
```



```
00:00.5 RAM memory: NVIDIA Corporation C51 Host Bridge (rev a2)
  Subsystem: Fujitsu Technology Solutions Device 10c5
  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: [44] #00 [00fe]
  Capabilities: [fc] #00 [0000]

00:00.6 RAM memory: NVIDIA Corporation C51 Memory Controller 3 (rev a2)
  Subsystem: Fujitsu Technology Solutions Device 10c5
  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-

00:00.7 RAM memory: NVIDIA Corporation C51 Memory Controller 2 (rev a2)
  Subsystem: Fujitsu Technology Solutions Device 10c5
  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-

00:02.0 PCI bridge: NVIDIA Corporation C51 PCI Express Bridge (rev a1)
(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: 64 bytes
  Bus: primary=00, secondary=01, subordinate=01, sec-latency=0
  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] Subsystem: NVIDIA Corporation Device 0000
  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=0 PME-
  Capabilities: [50] MSI: Enable+ Count=1/2 Maskable- 64bit+
    Address: 00000000fee0100c Data: 4149
  Capabilities: [60] HyperTransport: MSI Mapping Enable- Fixed-
    Mapping Address Base: 00000000fee00000
  Capabilities: [80] Express (v1) Root Port (Slot+), MSI 00
    DevCap:    MaxPayload 128 bytes, PhantFunc 0, Latency L0s <512ns, L1
<4us
      ExtTag- 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 #2, Speed 2.5GT/s, Width x1, ASPM L0s, Latency L0
<512ns, 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 0.000W; Interlock- NoCompl-
    SltCtl:      Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPIrq-
LinkChg-
    Control: AttnInd Off, PwrInd On, 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: [100 v1] Virtual Channel
    Caps:      LPEVC=0 RefClk=100ns PATEntryBits=1
    Arb:      Fixed- WRR32- WRR64- WRR128-
    Ctrl:      ArbSelect=WRR32
    Status:      InProgress-
    VC0:      Caps:      PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
    Arb:      Fixed- WRR32- WRR64- WRR128- TWRR128- WRR256-
    Ctrl:      Enable+ ID=0 ArbSelect=Fixed TC/VC=ff
    Status:      NegoPending- InProgress-
Kernel driver in use: pcieport
Kernel modules: shpchp

00:03.0 PCI bridge: NVIDIA Corporation C51 PCI Express Bridge (rev a1)
(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: 64 bytes
    Bus: primary=00, secondary=02, subordinate=02, sec-latency=0
    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] Subsystem: NVIDIA Corporation Device 0000
    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=0 PME-
  Capabilities: [50] MSI: Enable+ Count=1/2 Maskable- 64bit+
    Address: 00000000fee0100c Data: 4151
  Capabilities: [60] HyperTransport: MSI Mapping Enable- Fixed-
    Mapping Address Base: 00000000fee00000
  Capabilities: [80] Express (v1) Root Port (Slot+), MSI 00
    DevCap:    MaxPayload 128 bytes, PhantFunc 0, Latency L0s <512ns, L1
<4us
      ExtTag- 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 #1, Speed 2.5GT/s, Width x1, ASPM L0s, Latency L0
<512ns, 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 0.000W; Interlock- NoCompl-
    SltCtl:    Enable: AttnBtn- PwrFlt- MRL- PresDet- CmdCplt- HPIrq-
LinkChg-
      Control: AttnInd Off, PwrInd On, 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: [100 v1] Virtual Channel
    Caps:      LPEVC=0 RefClk=100ns PATEntryBits=1
    Arb:      Fixed- WRR32- WRR64- WRR128-
    Ctrl:      ArbSelect=WRR32
    Status:    InProgress-
    VC0:      Caps:    PATOffset=00 MaxTimeSlots=1 RejSnoopTrans-
      Arb:      Fixed- WRR32- WRR64- WRR128- TWRR128- WRR256-
      Ctrl:      Enable+ ID=0 ArbSelect=Fixed TC/VC=ff
      Status:    NegoPending- InProgress-
  Kernel driver in use: pcieport
  Kernel modules: shpchp

00:05.0 VGA compatible controller: NVIDIA Corporation C51 [GeForce 6150 LE]
(rev a2) (prog-if 00 [VGA controller])
  Subsystem: Fujitsu Technology Solutions Device 10c5
```

```
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
Interrupt: pin A routed to IRQ 18
Region 0: Memory at f1000000 (32-bit, non-prefetchable) [size=16M]
Region 1: Memory at e0000000 (64-bit, prefetchable) [size=256M]
Region 3: Memory at f0000000 (64-bit, non-prefetchable) [size=16M]
[virtual] Expansion ROM at 60000000 [disabled] [size=128K]
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=0 PME-
Capabilities: [50] MSI: Enable- Count=1/1 Maskable- 64bit+
Address: 0000000000000000 Data: 0000
Kernel driver in use: nouveau
Kernel modules: nouveau, nvidiafb

00:09.0 RAM memory: NVIDIA Corporation MCP51 Host Bridge (rev a2)
Subsystem: Fujitsu Technology Solutions Device 10c6
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: [44] HyperTransport: Slave or Primary Interface
Command: BaseUnitID=9 UnitCnt=15 MastHost- DefDir- DUL-
Link Control 0: CFlE+ CST- CFE- <LkFail- Init+ EOC- TX0- <CRCErr=0
IsocEn- LSEn+ ExtCTL- 64b-
Link Config 0: MLWI=8bit DwFcIn- MLW0=8bit DwFcOut- LWI=8bit
DwFcInEn- LW0=8bit DwFcOutEn-
Link Control 1: CFlE- CST- CFE- <LkFail+ Init- EOC+ TX0+ <CRCErr=0
IsocEn- LSEn- ExtCTL- 64b-
Link Config 1: MLWI=8bit DwFcIn- MLW0=8bit DwFcOut- LWI=8bit
DwFcInEn- LW0=8bit DwFcOutEn-
Revision ID: 1.03
Link Frequency 0: 800MHz
Link Error 0: <Prot- <Ovfl- <EOC- CTLTm-
Link Frequency Capability 0: 200MHz+ 300MHz+ 400MHz+ 500MHz+ 600MHz+
800MHz+ 1.0GHz+ 1.2GHz- 1.4GHz- 1.6GHz- Vend-
Feature Capability: IsocFC+ LDTSTOP+ CRCTM- ECTLT- 64bA- UIDRD-
Link Frequency 1: 200MHz
Link Error 1: <Prot- <Ovfl- <EOC- CTLTm-
Link Frequency Capability 1: 200MHz- 300MHz- 400MHz- 500MHz- 600MHz-
800MHz- 1.0GHz- 1.2GHz- 1.4GHz- 1.6GHz- Vend-
Error Handling: PFlE+ OFlE+ PFE- OFE- EOCFE- RFE- CRCFE- SERRFE- CF-
RE- PNFE- ONFE- EOCNFE- RNFE- CRCNFE- SERRNFE-
Prefetchable memory behind bridge Upper: 00-00
Bus Number: 00
Capabilities: [e0] HyperTransport: MSI Mapping Enable+ Fixed-
```

Mapping Address Base: 00000000fee00000

00:0a.0 ISA bridge: NVIDIA Corporation MCP51 LPC Bridge (rev a3)
Subsystem: Fujitsu Technology Solutions Device 10c6
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
Region 0: I/O ports at 8800 [size=128]

00:0a.1 SMBus: NVIDIA Corporation MCP51 SMBus (rev a3)
Subsystem: Fujitsu Technology Solutions Device 10c6
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-
Interrupt: pin A routed to IRQ 10
Region 4: I/O ports at 88c0 [size=64]
Region 5: I/O ports at 8880 [size=64]
Capabilities: [44] 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-
Kernel driver in use: nForce2_smbus
Kernel modules: nv_tco, i2c-nforce2

00:0b.0 USB controller: NVIDIA Corporation MCP51 USB Controller (rev a3)
(prog-if 10 [OHCI])
Subsystem: Fujitsu Technology Solutions Device 10c6
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 (750ns min, 250ns max)
Interrupt: pin A routed to IRQ 23
Region 0: Memory at f2204000 (32-bit, non-prefetchable) [size=4K]
Capabilities: [44] 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-
Kernel driver in use: ohci_hcd

00:0b.1 USB controller: NVIDIA Corporation MCP51 USB Controller (rev a3)
(prog-if 20 [EHCI])
Subsystem: Fujitsu Technology Solutions Device 10c6
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 (750ns min, 250ns max)

```
Interrupt: pin B routed to IRQ 22
Region 0: Memory at f2208000 (32-bit, non-prefetchable) [size=256]
Capabilities: [44] Debug port: BAR=1 offset=0098
Capabilities: [80] 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-
Kernel driver in use: ehci_hcd

00:0d.0 IDE interface: NVIDIA Corporation MCP51 IDE (rev f1) (prog-if 8a
[Master SecP PriP])
    Subsystem: Fujitsu Technology Solutions Device 10c6
    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 (750ns min, 250ns max)
    Region 0: [virtual] Memory at 000001f0 (32-bit, non-prefetchable)
[size=8]
    Region 1: [virtual] Memory at 000003f0 (type 3, non-prefetchable)
[size=1]
    Region 2: [virtual] Memory at 00000170 (32-bit, non-prefetchable)
[size=8]
    Region 3: [virtual] Memory at 00000370 (type 3, non-prefetchable)
[size=1]
    Region 4: I/O ports at 8c00 [size=16]
    Capabilities: [44] 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-
Kernel driver in use: pata_amd
Kernel modules: pata_amd

00:0e.0 IDE interface: NVIDIA Corporation MCP51 Serial ATA Controller (rev
f1) (prog-if 85 [Master Sec0 Pri0])
    Subsystem: Fujitsu Technology Solutions Device 10c6
    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 (750ns min, 250ns max)
    Interrupt: pin A routed to IRQ 21
    Region 0: I/O ports at 8c40 [size=8]
    Region 1: I/O ports at 8c34 [size=4]
    Region 2: I/O ports at 8c38 [size=8]
    Region 3: I/O ports at 8c30 [size=4]
    Region 4: I/O ports at 8c10 [size=16]
    Region 5: Memory at f2205000 (32-bit, non-prefetchable) [size=4K]
    Capabilities: [44] 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: [b0] MSI: Enable- Count=1/4 Maskable- 64bit+
Address: 0000000000000000 Data: 0000
Capabilities: [cc] HyperTransport: MSI Mapping Enable- Fixed+
Kernel driver in use: sata_nv
Kernel modules: sata_nv
```

00:0f.0 IDE interface: NVIDIA Corporation MCP51 Serial ATA Controller (rev f1) (prog-if 85 [Master Sec0 Pri0])

Subsystem: Fujitsu Technology Solutions Device 10c6

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 (750ns min, 250ns max)

Interrupt: pin A routed to IRQ 20

Region 0: I/O ports at 8c58 [size=8]

Region 1: I/O ports at 8c4c [size=4]

Region 2: I/O ports at 8c50 [size=8]

Region 3: I/O ports at 8c48 [size=4]

Region 4: I/O ports at 8c20 [size=16]

Region 5: Memory at f2206000 (32-bit, non-prefetchable) [size=4K]

Capabilities: [44] 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: [b0] MSI: Enable- Count=1/4 Maskable- 64bit+

Address: 0000000000000000 Data: 0000

Capabilities: [cc] HyperTransport: MSI Mapping Enable- Fixed+

Kernel driver in use: sata_nv

Kernel modules: sata_nv

00:10.0 PCI bridge: NVIDIA Corporation MCP51 PCI Bridge (rev a2) (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=04, subordinate=04, sec-latency=0

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: [b8] Subsystem: NVIDIA Corporation Device cb84

Capabilities: [8c] HyperTransport: MSI Mapping Enable- Fixed-

Mapping Address Base: 00000000fee00000

00:10.1 Audio device: NVIDIA Corporation MCP51 High Definition Audio (rev a2)

Subsystem: Fujitsu Technology Solutions Device 10c3

```
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 (500ns min, 1250ns max)
Interrupt: pin B routed to IRQ 17
Region 0: Memory at f2200000 (32-bit, non-prefetchable) [size=16K]
Capabilities: [44] 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: [50] MSI: Enable- Count=1/1 Maskable+ 64bit+
Address: 0000000000000000 Data: 0000
Masking: 00000000 Pending: 00000000
Capabilities: [6c] HyperTransport: MSI Mapping Enable- Fixed+
Kernel driver in use: snd_hda_intel
Kernel modules: snd-hda-intel
```

```
00:14.0 Bridge: NVIDIA Corporation MCP51 Ethernet Controller (rev a3)
Subsystem: Fujitsu Technology Solutions Device 10c6
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 (250ns min, 5000ns max)
Interrupt: pin A routed to IRQ 19
Region 0: Memory at f2207000 (32-bit, non-prefetchable) [size=4K]
Region 1: I/O ports at 8c60 [size=8]
Capabilities: [44] 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-
Kernel driver in use: forcedeth
Kernel modules: forcedeth
```

```
00:18.0 Host bridge: Advanced Micro Devices, Inc. [AMD] K8
[Athlon64/Opteron] HyperTransport Technology Configuration
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-
Capabilities: [80] HyperTransport: Host or Secondary Interface
Command: WarmRst+ DblEnd- DevNum=0 ChainSide- HostHide+ Slave-
<EOCErr- DUL-
Link Control: CFlE- CST- CFE- <LkFail- Init+ EOC- TX0- <CRCErr=0
IsocEn- LSEn- ExtCTL- 64b-
Link Config: MLWI=16bit DwFcIn- MLW0=16bit DwFcOut- LWI=16bit
DwFcInEn- LW0=16bit DwFcOutEn-
Revision ID: 1.02
Link Frequency: 1.0GHz
Link Error: <Prot- <0vfl- <EOC- CTLTm-
```


Link Frequency Capability: 200MHz+ 300MHz- 400MHz+ 500MHz- 600MHz+ 800MHz+ 1.0GHz+ 1.2GHz- 1.4GHz- 1.6GHz- Vend-

Feature Capability: IsocFC- LDTSTOP+ CRCTM- ECTLT- 64bA- UIDRD- ExtRS- UCnFE-

00:18.1 Host bridge: Advanced Micro Devices, Inc. [AMD] K8

[Athlon64/Opteron] Address Map

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-

00:18.2 Host bridge: Advanced Micro Devices, Inc. [AMD] K8

[Athlon64/Opteron] DRAM Controller

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-

00:18.3 Host bridge: Advanced Micro Devices, Inc. [AMD] K8

[Athlon64/Opteron] Miscellaneous Control

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-

Capabilities: [f0] Secure device <?>

Kernel driver in use: k8temp

Kernel modules: k8temp

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	3.02
iManufacturer	3 Linux 3.2.0-72-generic ehci_hcd
iProduct	2 EHCI Host Controller
iSerial	1 0000:00:0b.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        0x0004 1x 4 bytes
    bInterval             12
Hub Descriptor:
    bLength               11
    bDescriptorType       41
    nNbrPorts             8
    wHubCharacteristic    0x000a
        No power switching (usb 1.0)
        Per-port overcurrent protection
    bPwrOn2PwrGood        10 * 2 milli seconds
    bHubContrCurrent      0 milli Ampere
    DeviceRemovable       0x00 0x00
    PortPwrCtrlMask       0xff 0xff
Hub Port Status:
    Port 1: 0000.0100 power
    Port 2: 0000.0100 power
    Port 3: 0000.0503 highspeed power enable connect
    Port 4: 0000.0100 power
    Port 5: 0000.0100 power
    Port 6: 0000.0100 power
    Port 7: 0000.0100 power
    Port 8: 0000.0100 power
Device Status:           0x0001
    Self Powered

Bus 002 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         3.02
iManufacturer     3 Linux 3.2.0-72-generic ohci_hcd
iProduct          2 OHCI Host Controller
iSerial           1 0000:00:0b.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          11
    bDescriptorType   41
    nNbrPorts        8
    wHubCharacteristic 0x0002
      No power switching (usb 1.0)
```

Ganged overcurrent protection

bPwrOn2PwrGood 1 * 2 milli seconds
bHubContrCurrent 0 milli Ampere
DeviceRemovable 0x00 0x00
PortPwrCtrlMask 0xff 0xff

Hub Port Status:

Port 1: 0000.0303 lowspeed power enable connect
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
Port 7: 0000.0100 power
Port 8: 0000.0100 power

Device Status: 0x0001

Self Powered

Bus 001 Device 003: ID 05e3:0608 Genesys Logic, Inc. USB-2.0 4-Port HUB

Device Descriptor:

bLength 18
bDescriptorType 1
bcdUSB 2.00
bDeviceClass 9 Hub
bDeviceSubClass 0 Unused
bDeviceProtocol 1 Single TT
bMaxPacketSize0 64
idVendor 0x05e3 Genesys Logic, Inc.
idProduct 0x0608 USB-2.0 4-Port HUB
bcdDevice 7.02
iManufacturer 0
iProduct 1 USB2.0 Hub
iSerial 0
bNumConfigurations 1

Configuration Descriptor:

bLength 9
bDescriptorType 2
wTotalLength 25
bNumInterfaces 1
bConfigurationValue 1
iConfiguration 0
bmAttributes 0xe0

Self Powered

Remote Wakeup

MaxPower 100mA

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        0x0001  1x 1 bytes
  bInterval             12
```

Hub Descriptor:

```
bLength                9
bDescriptorType        41
nNbrPorts              4
wHubCharacteristic 0x00e0
  Ganged power switching
  Ganged overcurrent protection
  TT think time 32 FS bits
  Port indicators
bPwrOn2PwrGood         50 * 2 milli seconds
bHubContrCurrent       100 milli Ampere
DeviceRemovable        0x00
PortPwrCtrlMask        0xff
```

Hub Port Status:

```
Port 1: 0000.0100 power
Port 2: 0000.0303 lowspeed power enable connect
Port 3: 0000.0100 power
Port 4: 0000.0100 power
```

Device Qualifier (for other device speed):

```
bLength                10
bDescriptorType        6
bcdUSB                 2.00
bDeviceClass           9 Hub
bDeviceSubClass        0 Unused
bDeviceProtocol        0 Full speed (or root) hub
bMaxPacketSize0        64
bNumConfigurations     1
```

Device Status: 0x0003

```
Self Powered
Remote Wakeup Enabled
```

Bus 002 Device 002: ID 045e:0084 Microsoft Corp. Basic Optical Mouse

Device Descriptor:

```
bLength                18
bDescriptorType        1
bcdUSB                 1.10
bDeviceClass           0 (Defined at Interface level)
bDeviceSubClass        0
```

```
bDeviceProtocol      0
bMaxPacketSize0     8
idVendor             0x045e Microsoft Corp.
idProduct            0x0084 Basic Optical Mouse
bcdDevice            3.90
iManufacturer        1 Microsoft
iProduct             2 Microsoft Basic Optical Mouse
iSerial              0
bNumConfigurations   1
Configuration Descriptor:
  bLength             9
  bDescriptorType      2
  wTotalLength        34
  bNumInterfaces       1
  bConfigurationValue  1
  iConfiguration      0
  bmAttributes         0xa0
    (Bus Powered)
    Remote Wakeup
  MaxPower            100mA
Interface Descriptor:
  bLength             9
  bDescriptorType      4
  bInterfaceNumber     0
  bAlternateSetting    0
  bNumEndpoints        1
  bInterfaceClass       3 Human Interface Device
  bInterfaceSubClass    1 Boot Interface Subclass
  bInterfaceProtocol    2 Mouse
  iInterface           0
    HID Device Descriptor:
      bLength          9
      bDescriptorType  33
      bcdHID            1.11
      bCountryCode      0 Not supported
      bNumDescriptors    1
      bDescriptorType    34 Report
      wDescriptorLength  52
    Report Descriptors:
      ** UNAVAILABLE **
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            10
Device Status:         0xd298
```

(Bus Powered)

Bus 001 Device 004: ID 05d5:0688 Super Gate Technology Co., Ltd

Device Descriptor:

bLength	18
bDescriptorType	1
bcdUSB	1.10
bDeviceClass	0 (Defined at Interface level)
bDeviceSubClass	0
bDeviceProtocol	0
bMaxPacketSize0	8
idVendor	0x05d5 Super Gate Technology Co., Ltd
idProduct	0x0688
bcdDevice	1.01
iManufacturer	1 KEYBOARD
iProduct	2 USB KB
iSerial	0
bNumConfigurations	1

Configuration Descriptor:

bLength	9
bDescriptorType	2
wTotalLength	59
bNumInterfaces	2
bConfigurationValue	1
iConfiguration	0
bmAttributes	0xa0

(Bus Powered)

Remote Wakeup

MaxPower	100mA
----------	-------

Interface Descriptor:

bLength	9
bDescriptorType	4
bInterfaceNumber	0
bAlternateSetting	0
bNumEndpoints	1
bInterfaceClass	3 Human Interface Device
bInterfaceSubClass	1 Boot Interface Subclass
bInterfaceProtocol	1 Keyboard
iInterface	0

HID Device Descriptor:

bLength	9
bDescriptorType	33
bcdHID	1.10
bCountryCode	0 Not supported
bNumDescriptors	1
bDescriptorType	34 Report
wDescriptorLength	65

Report Descriptors:

** UNAVAILABLE **

Endpoint Descriptor:

bLength	7
---------	---

```
    bDescriptorType      5
    bEndpointAddress     0x81  EP 1 IN
    bmAttributes         3
        Transfer Type      Interrupt
        Synch Type         None
        Usage Type         Data
    wMaxPacketSize       0x0008  1x 8 bytes
    bInterval            10
Interface Descriptor:
    bLength              9
    bDescriptorType      4
    bInterfaceNumber     1
    bAlternateSetting    0
    bNumEndpoints        1
    bInterfaceClass      3 Human Interface Device
    bInterfaceSubClass   1 Boot Interface Subclass
    bInterfaceProtocol    2 Mouse
    iInterface           0
```

HID Device Descriptor:

```
    bLength              9
    bDescriptorType      33
    bcdHID               1.10
    bCountryCode         0 Not supported
    bNumDescriptors      1
    bDescriptorType      34 Report
    wDescriptorLength    50
```

Report Descriptors:

```
    ** UNAVAILABLE **
```

Endpoint Descriptor:

```
    bLength              7
    bDescriptorType      5
    bEndpointAddress     0x82  EP 2 IN
    bmAttributes         3
        Transfer Type      Interrupt
        Synch Type         None
        Usage Type         Data
    wMaxPacketSize       0x0005  1x 5 bytes
    bInterval            10
```

```
Device Status:         0xd2f0
```

```
(Bus Powered)
```

```
Debug Mode
```

```
rbs102
```

```
Beschreibung: »Mini Tower«-Rechner
```

```
Version: ESPP
```

```
Breite: 32 bits
```

```
Fähigkeiten: smbios-2.4 dmi-2.4 smp-1.4 smp
```

```
Konfiguration: boot=normal chassis=mini-tower cpus=1
```

```
uuid=B4B9A63A-47F7-11DB-8EF0-003005CED3EF
```

```
*-core
```

```
Beschreibung: Hauptplatine
```

```
Produkt: D2461-A1
```



```
Hersteller: FUJITSU SIEMENS
Physische ID: 0
Version: S26361-D2461-A1
Seriennummer: 21655156
*-firmware
  Beschreibung: BIOS
  Hersteller: FUJITSU SIEMENS // Phoenix Technologies Ltd.
  Physische ID: 0
  Version: 6.00 R1.04.2461.A1
  date: 08/01/2006
  Größe: 101KiB
  Kapazität: 448KiB
  Fähigkeiten: pci pnp upgrade shadowing escd cdboot bootselect
int13floppy nec int13floppy toshiba int13floppy360 int13floppy1200
int13floppy720 int13floppy2880 int5printscreen int9keyboard int14serial
int17printer int10video acpi usb ls120boot zipboot biosbootspecification
*-cpu
  Beschreibung: CPU
  Produkt: AMD Athlon(tm) 64 Processor 3800+
  Hersteller: Hynix Semiconductor (Hyundai Electronics)
  Physische ID: 4
  Bus-Informationen: cpu@0
  Version: 15.15.2
  Steckplatz: Socket AM2
  Größe: 1GHz
  Kapazität: 2400MHz
  Breite: 64 bits
  Takt: 133MHz
  Fähigkeiten: boot fpu fpu_exception wp vme de pse tsc msr pae mce
cx8 apic mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 syscall nx
mmxext fxsr_opt rdtscp x86-64 3dnowext 3dnow up extd_apicid pni cx16 lahf_lm
svm extapic cr8_legacy cpufreq
*-cache:0
  Beschreibung: L1 Cache
  Physische ID: 5
  Steckplatz: L1 Cache
  Größe: 128KiB
  Fähigkeiten: asynchronous internal write-back
*-cache:1
  Beschreibung: L2 Cache
  Physische ID: 6
  Steckplatz: L2 Cache
  Größe: 512KiB
  Kapazität: 512KiB
  Fähigkeiten: synchronous internal write-through unified
*-memory:0
  Beschreibung: Systemspeicher
  Physische ID: 20
  Steckplatz: Systemplatine oder Hauptplatine
  Größe: 1475MiB
*-bank:0
```

```
    Beschreibung: DIMM DDR2 Synchron 133 MHz (7,5 ns)
    Physische ID: 0
    Steckplatz: Slot-1
    Größe: 512MiB
    Breite: 64 bits
    Takt: 133MHz (7.5ns)
*-bank:1
    Beschreibung: DIMM DDR2 133 MHz (7,5 ns) [leer]
    Physische ID: 1
    Steckplatz: Slot-3
    Takt: 133MHz (7.5ns)
*-bank:2
    Beschreibung: DIMM DDR2 Synchron 133 MHz (7,5 ns)
    Physische ID: 2
    Steckplatz: Slot-2
    Größe: 512MiB
    Breite: 64 bits
    Takt: 133MHz (7.5ns)
*-bank:3
    Beschreibung: DIMM DDR2 133 MHz (7,5 ns) [leer]
    Physische ID: 3
    Steckplatz: Slot-4
    Takt: 133MHz (7.5ns)
*-memory:1 UNGEFORDERT
    Beschreibung: RAM memory
    Produkt: C51 Host Bridge
    Hersteller: NVIDIA Corporation
    Physische ID: 1
    Bus-Informationen: pci@0000:00:00.0
    Version: a2
    Breite: 32 bits
    Takt: 66MHz (15.2ns)
    Fähigkeiten: ht bus_master cap_list
    Konfiguration: latency=0
*-memory:2 UNGEFORDERT
    Beschreibung: RAM memory
    Produkt: C51 Memory Controller 0
    Hersteller: NVIDIA Corporation
    Physische ID: 0.1
    Bus-Informationen: pci@0000:00:00.1
    Version: a2
    Breite: 32 bits
    Takt: 66MHz (15.2ns)
    Konfiguration: latency=0
*-memory:3 UNGEFORDERT
    Beschreibung: RAM memory
    Produkt: C51 Memory Controller 1
    Hersteller: NVIDIA Corporation
    Physische ID: 0.2
    Bus-Informationen: pci@0000:00:00.2
    Version: a2
```

```
Breite: 32 bits
Takt: 66MHz (15.2ns)
Konfiguration: latency=0
*-memory:4 UNGEFORDERT
  Beschreibung: RAM memory
  Produkt: C51 Memory Controller 5
  Hersteller: NVIDIA Corporation
  Physische ID: 0.3
  Bus-Informationen: pci@0000:00:00.3
  Version: a2
  Breite: 32 bits
  Takt: 66MHz (15.2ns)
  Konfiguration: latency=0
*-memory:5 UNGEFORDERT
  Beschreibung: RAM memory
  Produkt: C51 Memory Controller 4
  Hersteller: NVIDIA Corporation
  Physische ID: 0.4
  Bus-Informationen: pci@0000:00:00.4
  Version: a2
  Breite: 32 bits
  Takt: 66MHz (15.2ns)
  Fähigkeiten: bus_master
  Konfiguration: latency=0
*-memory:6 UNGEFORDERT
  Beschreibung: RAM memory
  Produkt: C51 Host Bridge
  Hersteller: NVIDIA Corporation
  Physische ID: 0.5
  Bus-Informationen: pci@0000:00:00.5
  Version: a2
  Breite: 32 bits
  Takt: 66MHz (15.2ns)
  Fähigkeiten: bus_master cap_list
  Konfiguration: latency=0
*-memory:7 UNGEFORDERT
  Beschreibung: RAM memory
  Produkt: C51 Memory Controller 3
  Hersteller: NVIDIA Corporation
  Physische ID: 0.6
  Bus-Informationen: pci@0000:00:00.6
  Version: a2
  Breite: 32 bits
  Takt: 66MHz (15.2ns)
  Konfiguration: latency=0
*-memory:8 UNGEFORDERT
  Beschreibung: RAM memory
  Produkt: C51 Memory Controller 2
  Hersteller: NVIDIA Corporation
  Physische ID: 0.7
  Bus-Informationen: pci@0000:00:00.7
```

```
Version: a2
Breite: 32 bits
Takt: 66MHz (15.2ns)
Konfiguration: latency=0
*-pci:0
  Beschreibung: PCI bridge
  Produkt: C51 PCI Express Bridge
  Hersteller: NVIDIA Corporation
  Physische ID: 2
  Bus-Informationen: pci@0000:00:02.0
  Version: a1
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pci pm msi ht pciexpress normal_decode bus_master
cap_list
  Konfiguration: driver=pcieport
  Ressourcen: irq:40
*-pci:1
  Beschreibung: PCI bridge
  Produkt: C51 PCI Express Bridge
  Hersteller: NVIDIA Corporation
  Physische ID: 3
  Bus-Informationen: pci@0000:00:03.0
  Version: a1
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pci pm msi ht pciexpress normal_decode bus_master
cap_list
  Konfiguration: driver=pcieport
  Ressourcen: irq:41
*-display
  Beschreibung: VGA compatible controller
  Produkt: C51 [GeForce 6150 LE]
  Hersteller: NVIDIA Corporation
  Physische ID: 5
  Bus-Informationen: pci@0000:00:05.0
  Version: a2
  Breite: 64 bits
  Takt: 66MHz
  Fähigkeiten: pm msi vga_controller bus_master cap_list rom
  Konfiguration: driver=nouveau latency=0
  Ressourcen: irq:18 memory:f1000000-f1ffffff memory:e0000000-
effffffff memory:f0000000-f0ffffff memory:60000000-6001ffff
*-memory:9 UNGEFORDERT
  Beschreibung: RAM memory
  Produkt: MCP51 Host Bridge
  Hersteller: NVIDIA Corporation
  Physische ID: 9
  Bus-Informationen: pci@0000:00:09.0
  Version: a2
  Breite: 32 bits
```

```
Takt: 66MHz (15.2ns)
Fähigkeiten: ht bus_master cap_list
Konfiguration: latency=0
*-isa
  Beschreibung: ISA bridge
  Produkt: MCP51 LPC Bridge
  Hersteller: NVIDIA Corporation
  Physische ID: a
  Bus-Informationen: pci@0000:00:0a.0
  Version: a3
  Breite: 32 bits
  Takt: 66MHz
  Fähigkeiten: isa bus_master
  Konfiguration: latency=0
  Ressourcen: ioport:8800(Größe=128)
*-serial
  Beschreibung: SMBus
  Produkt: MCP51 SMBus
  Hersteller: NVIDIA Corporation
  Physische ID: a.1
  Bus-Informationen: pci@0000:00:0a.1
  Version: a3
  Breite: 32 bits
  Takt: 66MHz
  Fähigkeiten: pm cap_list
  Konfiguration: driver=nForce2_smbus latency=0
  Ressourcen: irq:10 ioport:88c0(Größe=64) ioport:8880(Größe=64)
*-usb:0
  Beschreibung: USB controller
  Produkt: MCP51 USB Controller
  Hersteller: NVIDIA Corporation
  Physische ID: b
  Bus-Informationen: pci@0000:00:0b.0
  Version: a3
  Breite: 32 bits
  Takt: 66MHz
  Fähigkeiten: pm ohci bus_master cap_list
  Konfiguration: driver=ohci_hcd latency=0 maxlatency=1 mingnt=3
  Ressourcen: irq:23 memory:f2204000-f2204fff
*-usb:1
  Beschreibung: USB controller
  Produkt: MCP51 USB Controller
  Hersteller: NVIDIA Corporation
  Physische ID: b.1
  Bus-Informationen: pci@0000:00:0b.1
  Version: a3
  Breite: 32 bits
  Takt: 66MHz
  Fähigkeiten: debug pm ehci bus_master cap_list
  Konfiguration: driver=ehci_hcd latency=0 maxlatency=1 mingnt=3
  Ressourcen: irq:22 memory:f2208000-f22080ff
```

***-ide:0**

Beschreibung: IDE interface
Produkt: MCP51 IDE
Hersteller: NVIDIA Corporation
Physische ID: d
Bus-Informationen: pci@0000:00:0d.0
Version: f1
Breite: 32 bits
Takt: 66MHz
Fähigkeiten: ide pm bus_master cap_list
Konfiguration: driver=pata_amd latency=0 maxlatency=1 mingnt=3
Ressourcen: irq:0 ioport:1f0(Größe=8) ioport:3f6

ioport:170(Größe=8) ioport:376 ioport:8c00(Größe=16)

***-ide:1**

Beschreibung: IDE interface
Produkt: MCP51 Serial ATA Controller
Hersteller: NVIDIA Corporation
Physische ID: e
Bus-Informationen: pci@0000:00:0e.0
Logischer Name: scsi0
Logischer Name: scsi1
Version: f1
Breite: 32 bits
Takt: 66MHz
Fähigkeiten: ide pm msi ht bus_master cap_list emulated
Konfiguration: driver=sata_nv latency=0 maxlatency=1 mingnt=3
Ressourcen: irq:21 ioport:8c40(Größe=8) ioport:8c34(Größe=4)

ioport:8c38(Größe=8) ioport:8c30(Größe=4) ioport:8c10(Größe=16)

memory:f2205000-f2205fff

***-disk**

Beschreibung: ATA Disk
Produkt: SAMSUNG HD080HJ
Physische ID: 0
Bus-Informationen: scsi@0:0.0.0
Logischer Name: /dev/sda
Version: ZH10
Seriennummer: S08EJ1GL908512
Größe: 74GiB (80GB)
Fähigkeiten: partitioned partitioned:dos
Konfiguration: ansiversion=5 signature=59b57054

***-volume:0**

Beschreibung: Linux filesystem partition
Hersteller: Linux
Physische ID: 1
Bus-Informationen: scsi@0:0.0.0,1
Logischer Name: /dev/sda1
Logischer Name: /
Version: 0.0
Größe: 14GiB
Kapazität: 14GiB
Fähigkeiten: primary bootable ext2 initialized

```

    Konfiguration: filesystem=ext2 modified=2014-11-22 16:30:16
mount.fstype=ext2 mount.options=rw,noatime,errors=remount-ro
mounted=2014-11-22 16:26:55 state=mounted
    *-volume:1
        Beschreibung: Linux swap Laufwerk
        Physische ID: 2
        Bus-Informationen: scsi@0:0.0.0,2
        Logischer Name: /dev/sda2
        Version: 1
        Größe: 2047MiB
        Kapazität: 2047MiB
        Fähigkeiten: primary nofs swap initialized
        Konfiguration: filesystem=swap pagesize=4096
    *-volume:2
        Beschreibung: Linux filesystem partition
        Hersteller: Linux
        Physische ID: 3
        Bus-Informationen: scsi@0:0.0.0,3
        Logischer Name: /dev/sda3
        Logischer Name: /media/vm
        Version: 0.0
        Größe: 25GiB
        Kapazität: 25GiB
        Fähigkeiten: primary ext2 initialized
        Konfiguration: filesystem=ext2 modified=2014-11-22 16:28:10
mount.fstype=ext2 mount.options=rw,relatime,errors=continue
mounted=2014-11-22 16:26:48 state=mounted
    *-cdrom
        Beschreibung: DVD reader
        Physische ID: 1
        Bus-Informationen: scsi@1:0.0.0
        Logischer Name: /dev/cdrom1
        Logischer Name: /dev/dvd1
        Logischer Name: /dev/sr0
        Fähigkeiten: audio dvd
        Konfiguration: status=nodisc
    *-ide:2
        Beschreibung: IDE interface
        Produkt: MCP51 Serial ATA Controller
        Hersteller: NVIDIA Corporation
        Physische ID: f
        Bus-Informationen: pci@0000:00:0f.0
        Version: f1
        Breite: 32 bits
        Takt: 66MHz
        Fähigkeiten: ide pm msi ht bus_master cap_list
        Konfiguration: driver=sata_nv latency=0 maxlatency=1 mingnt=3
        Ressourcen: irq:20 ioport:8c58(Größe=8) ioport:8c4c(Größe=4)
        ioport:8c50(Größe=8) ioport:8c48(Größe=4) ioport:8c20(Größe=16)
        memory:f2206000-f2206fff
    *-pci:2
```

```
Beschreibung: PCI bridge
Produkt: MCP51 PCI Bridge
Hersteller: NVIDIA Corporation
Physische ID: 10
Bus-Informationen: pci@0000:00:10.0
Version: a2
Breite: 32 bits
Takt: 66MHz
Fähigkeiten: pci ht subtractive_decode bus_master cap_list
*-multimedia
  Beschreibung: Audio device
  Produkt: MCP51 High Definition Audio
  Hersteller: NVIDIA Corporation
  Physische ID: 10.1
  Bus-Informationen: pci@0000:00:10.1
  Version: a2
  Breite: 32 bits
  Takt: 66MHz
  Fähigkeiten: pm msi ht bus_master cap_list
  Konfiguration: driver=snd_hda_intel latency=0 maxlatency=5
mingnt=2
  Ressourcen: irq:17 memory:f2200000-f2203fff
*-bridge
  Beschreibung: Ethernet interface
  Produkt: MCP51 Ethernet Controller
  Hersteller: NVIDIA Corporation
  Physische ID: 14
  Bus-Informationen: pci@0000:00:14.0
  Logischer Name: eth0
  Version: a3
  Seriennummer: 00:30:05:ce:d3:ef
  Größe: 1000000000
  Kapazität: 1000000000
  Breite: 32 bits
  Takt: 66MHz
  Fähigkeiten: bridge pm bus_master cap_list ethernet physical mii
10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation
  Konfiguration: autonegotiation=on broadcast=yes driver=forcedeth
driver=forcedeth version=0.64 duplex=full ip=10.16.21.2 latency=0 link=yes
maxlatency=20 mingnt=1 multicast=yes port=MII speed=1Gbit/s
  Ressourcen: irq:19 memory:f2207000-f2207fff ioport:8c60(Größe=8)
*-pci:3
  Beschreibung: Host bridge
  Produkt: K8 [Athlon64/Opteron] HyperTransport Technology
Configuration
  Hersteller: Hynix Semiconductor (Hyundai Electronics)
  Physische ID: 100
  Bus-Informationen: pci@0000:00:18.0
  Version: 00
  Breite: 32 bits
  Takt: 33MHz
```


***-pci:4**

Beschreibung: Host bridge
Produkt: K8 [Athlon64/Opteron] Address Map
Hersteller: Hynix Semiconductor (Hyundai Electronics)
Physische ID: 101
Bus-Informationen: pci@0000:00:18.1
Version: 00
Breite: 32 bits
Takt: 33MHz

***-pci:5**

Beschreibung: Host bridge
Produkt: K8 [Athlon64/Opteron] DRAM Controller
Hersteller: Hynix Semiconductor (Hyundai Electronics)
Physische ID: 102
Bus-Informationen: pci@0000:00:18.2
Version: 00
Breite: 32 bits
Takt: 33MHz

***-pci:6**

Beschreibung: Host bridge
Produkt: K8 [Athlon64/Opteron] Miscellaneous Control
Hersteller: Hynix Semiconductor (Hyundai Electronics)
Physische ID: 103
Bus-Informationen: pci@0000:00:18.3
Version: 00
Breite: 32 bits
Takt: 33MHz
Konfiguration: driver=k8temp
Ressourcen: irq:0

processor : 0
vendor_id : AuthenticAMD
cpu family : 15
model : 79
model name : AMD Athlon(tm) 64 Processor 3800+
stepping : 2
cpu MHz : 2400.000
cache size : 512 KB
fdiv_bug : no
hlt_bug : no
f00f_bug : no
coma_bug : no
fpu : yes
fpu_exception : yes
cpuid level : 1
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic mtrr pge mca cmov pat
pse36 clflush mmx fxsr sse sse2 syscall nx mmxext fxsr_opt rdtscp lm
3dnowext 3dnow up extd_apicid pni cx16 lahfm svm extapic cr8_legacy
bogomips : 4822.11
clflush size : 64
cache_alignment : 64

address sizes : 40 bits physical, 48 bits virtual
power management: ts fid vid ttp tm stc

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