

Dell PowerEdge T20

```
00:00.0 Host bridge: Intel Corporation 4th Gen Core Processor DRAM
Controller (rev 06)
  Subsystem: Dell Device 0620
  Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B- DisINTx-
  Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort-
<MAbort+ >SERR- <PERR- INTx-
  Latency: 0
  Capabilities: [e0] Vendor Specific Information: Len=0c <?>

00:02.0 VGA compatible controller: Intel Corporation Xeon E3-1200 v3/4th Gen
Core Processor Integrated Graphics Controller (rev 06) (prog-if 00 [VGA
controller])
  Subsystem: Dell Device 0620
  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 45
  Region 0: Memory at f7800000 (64-bit, non-prefetchable) [size=4M]
  Region 2: Memory at e0000000 (64-bit, prefetchable) [size=256M]
  Region 4: I/O ports at f000 [size=64]
  Expansion ROM at <unassigned> [disabled]
  Capabilities: [90] MSI: Enable+ Count=1/1 Maskable- 64bit-
    Address: fee0300c Data: 41e1
  Capabilities: [d0] 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: [a4] PCI Advanced Features
    AFCap: TP+ FLR+
    AFCtrl: FLR-
    AFStatus: TP-
  Kernel driver in use: i915

00:14.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset
Family USB xHCI (rev 04) (prog-if 30 [XHCI])
  Subsystem: Dell Device 0620
  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 42
```

Region 0: Memory at f7c20000 (64-bit, non-prefetchable) [size=64K]

Capabilities: [70] 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: [80] MSI: Enable+ Count=1/8 Maskable- 64bit+

Address: 00000000fee0300c Data: 4191

Kernel driver in use: xhci_hcd

00:16.0 Communication controller: Intel Corporation 8 Series/C220 Series Chipset Family MEI Controller #1 (rev 04)

Subsystem: Dell Device 0620

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 46

Region 0: Memory at f7c3c000 (64-bit, non-prefetchable) [size=16]

Capabilities: [50] Power Management version 3

Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-,D3hot+,D3cold+)

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

Capabilities: [8c] MSI: Enable+ Count=1/1 Maskable- 64bit+

Address: 00000000fee0300c Data: 4122

Kernel driver in use: mei_me

00:19.0 Ethernet controller: Intel Corporation Ethernet Connection I217-LM (rev 04)

Subsystem: Dell Device 05a6

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 44

Region 0: Memory at f7c00000 (32-bit, non-prefetchable) [size=128K]

Region 1: Memory at f7c39000 (32-bit, non-prefetchable) [size=4K]

Region 2: I/O ports at f080 [size=32]

Capabilities: [c8] 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: [d0] MSI: Enable+ Count=1/1 Maskable- 64bit+

Address: 00000000fee0100c Data: 4172

Capabilities: [e0] PCI Advanced Features

AFCap: TP+ FLR+

AFCtrl: FLR-

AFStatus: TP-

Kernel driver in use: e1000e

00:1a.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #2 (rev 04) (prog-if 20 [EHCI])

Subsystem: Dell Device 0620

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

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

Latency: 0

Interrupt: pin A routed to IRQ 16

Region 0: Memory at f7c38000 (32-bit, non-prefetchable) [size=1K]

Capabilities: [50] Power Management version 2

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

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

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

Capabilities: [98] PCI Advanced Features

AFCap: TP+ FLR+

AFCtrl: FLR-

AFStatus: TP-

Kernel driver in use: ehci-pci

00:1b.0 Audio device: Intel Corporation 8 Series/C220 Series Chipset High Definition Audio Controller (rev 04)

Subsystem: Dell Device 0620

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

Interrupt: pin A routed to IRQ 47

Region 0: Memory at f7c30000 (64-bit, non-prefetchable) [size=16K]

Capabilities: [50] Power Management version 2

Flags: PMEClk- DSI- D1- D2- AuxCurrent=55mA PME(D0+,D1-,D2-,D3hot+,D3cold+)

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

Capabilities: [60] MSI: Enable+ Count=1/1 Maskable- 64bit+

Address: 00000000fee0300c Data: 4152

Capabilities: [70] Express (v1) Root Complex Integrated Endpoint, MSI 00

DevCap: MaxPayload 128 bytes, PhantFunc 0

ExtTag- RBE-

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-

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=2 ArbSelect=Fixed TC/VC=04
        Status:   NegoPending- InProgress-
Kernel driver in use: snd_hda_intel
```

```
00:1c.0 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family
PCI Express Root Port #1 (rev d4) (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] Express (v2) Root Port (Slot-), MSI 00
DevCap:   MaxPayload 128 bytes, PhantFunc 0
          ExtTag- RBE+
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 5GT/s, Width x1, ASPM L0s L1, Exit Latency
L0s <1us, L1 <4us
          ClockPM- Surprise- LLActRep+ BwNot+
LnkCtl:   ASPM L0s L1 Enabled; RCB 64 bytes Disabled- CommClk-
          ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta:   Speed 2.5GT/s, Width x0, TrErr- Train- SlotClk+ DLActive-
BWMgmt- ABWMgmt-
RootCtl: ErrCorrectable- ErrNon-Fatal- ErrFatal- PMEIntEna+
CRSVisible-
RootCap: CRSVisible-
RootSta: PME ReqID 0000, PMEStatus- PMEPending-
DevCap2: Completion Timeout: Range ABC, TimeoutDis+, LTR+, OBFF Via
WAKE# ARIFwd-
DevCtl2: Completion Timeout: 50us to 50ms, TimeoutDis-, LTR+, OBFF
Disabled ARIFwd-
LnkCtl2: Target Link Speed: 5GT/s, EnterCompliance- SpeedDis-
```

```

        Transmit Margin: Normal Operating Range,
EnterModifiedCompliance- ComplianceSOS-
        Compliance De-emphasis: -6dB
        LnkSta2: Current De-emphasis Level: -3.5dB, EqualizationComplete-,
EqualizationPhase1-
        EqualizationPhase2-, EqualizationPhase3-,
LinkEqualizationRequest-
        Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit-
        Address: fee0300c Data: 4161
        Capabilities: [90] Subsystem: Dell Device 0620
        Capabilities: [a0] Power Management version 3
        Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-,
D3hot+,D3cold+)
        Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
        Kernel driver in use: pcieport

00:1c.1 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family
PCI Express Root Port #2 (rev d4) (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=03, 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] Express (v2) Root Port (Slot+), MSI 00
        DevCap:      MaxPayload 128 bytes, PhantFunc 0
        ExtTag- RBE+
        DevCtl:      Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
        RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop-
        MaxPayload 128 bytes, MaxReadReq 128 bytes
        DevSta:      CorrErr- UncorrErr- FatalErr- UnsuppReq- AuxPwr+
TransPend-
        LnkCap:      Port #2, Speed 5GT/s, Width x1, ASPM L0s L1, Exit Latency
L0s <512ns, L1 <16us
        ClockPM- Surprise- LLActRep+ BwNot+
        LnkCtl:      ASPM Disabled; RCB 64 bytes Disabled- 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 #1, 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-
DevCap2: Completion Timeout: Range ABC, TimeoutDis+, LTR+, OBFF Not
Supported ARIFwd-
DevCtl2: Completion Timeout: 50us to 50ms, TimeoutDis-, LTR+, OBFF
Disabled ARIFwd-
LnkCtl2: Target Link Speed: 5GT/s, EnterCompliance- SpeedDis-
Transmit Margin: Normal Operating Range,
EnterModifiedCompliance- ComplianceSOS-
Compliance De-emphasis: -6dB
LnkSta2: Current De-emphasis Level: -3.5dB, EqualizationComplete-,
EqualizationPhase1-
EqualizationPhase2-, EqualizationPhase3-,
LinkEqualizationRequest-
Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit-
Address: fee0300c Data: 4181
Capabilities: [90] Subsystem: Dell Device 0620
Capabilities: [a0] Power Management version 3
Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Kernel driver in use: pcieport

00:1d.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset
Family USB EHCI #1 (rev 04) (prog-if 20 [EHCI])

Subsystem: Dell Device 0620
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 f7c37000 (32-bit, non-prefetchable) [size=1K]
Capabilities: [50] Power Management version 2
Flags: PMEClk- DSI- D1- D2- AuxCurrent=375mA PME(D0+,D1-,D2-
,D3hot+,D3cold+)
Status: D0 NoSoftRst- PME-Enable- DSel=0 DScale=0 PME-
Capabilities: [58] Debug port: BAR=1 offset=00a0
Capabilities: [98] PCI Advanced Features
AFCap: TP+ FLR+
AFCtrl: FLR-
AFStatus: TP-
Kernel driver in use: ehci-pci

00:1f.0 ISA bridge: Intel Corporation C226 Series Chipset Family Server

Advanced SKU LPC Controller (rev 04)

Subsystem: Dell Device 0620

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

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

Latency: 0

Capabilities: [e0] Vendor Specific Information: Len=0c <?>

Kernel driver in use: lpc_ich

00:1f.2 SATA controller: Intel Corporation 8 Series/C220 Series Chipset Family 6-port SATA Controller 1 [AHCI mode] (rev 04) (prog-if 01 [AHCI 1.0])

Subsystem: Dell Device 0620

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 43

Region 0: I/O ports at f0d0 [size=8]

Region 1: I/O ports at f0c0 [size=4]

Region 2: I/O ports at f0b0 [size=8]

Region 3: I/O ports at f0a0 [size=4]

Region 4: I/O ports at f060 [size=32]

Region 5: Memory at f7c36000 (32-bit, non-prefetchable) [size=2K]

Capabilities: [80] MSI: Enable+ Count=1/1 Maskable- 64bit-

Address: fee0100c Data: 41b1

Capabilities: [70] Power Management version 3

Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot+,D3cold-)

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

Capabilities: [a8] SATA HBA v1.0 BAR4 Offset=00000004

Kernel driver in use: ahci

00:1f.3 SMBus: Intel Corporation 8 Series/C220 Series Chipset Family SMBus Controller (rev 04)

Subsystem: Dell Device 0620

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

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

Interrupt: pin C routed to IRQ 5

Region 0: Memory at f7c35000 (64-bit, non-prefetchable) [size=256]

Region 4: I/O ports at f040 [size=32]

02:00.0 PCI bridge: Texas Instruments XI02001 PCI Express-to-PCI Bridge (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=02, secondary=03, subordinate=03, sec-latency=32
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: [40] Subsystem: Dell Device 0620
Capabilities: [48] Power Management version 3
Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-
,D3cold-)
Status: D0 NoSoftRst+ PME-Enable- DSel=0 DScale=0 PME-
Bridge: PM- B3+
Capabilities: [50] MSI: Enable- Count=1/16 Maskable- 64bit+
Address: 0000000000000000 Data: 0000
Capabilities: [70] Express (v2) PCI-Express to PCI/PCI-X Bridge, MSI 00
DevCap: MaxPayload 512 bytes, PhantFunc 0
ExtTag- AttnBtn- AttnInd- PwrInd- RBE+
DevCtl: Report errors: Correctable- Non-Fatal- Fatal-
Unsupported-
RlxdOrd- ExtTag- PhantFunc- AuxPwr- NoSnoop- BrConfRtry-
MaxPayload 128 bytes, MaxReadReq 512 bytes
DevSta: CorrErr+ UncorrErr- FatalErr- UnsupReq+ AuxPwr+
TransPend-
LnkCap: Port #0, Speed 2.5GT/s, Width x1, ASPM L0s L1, Exit
Latency L0s <512ns, L1 <16us
ClockPM+ Surprise- LLActRep- BwNot-
LnkCtl: ASPM Disabled; RCB 64 bytes Disabled- CommClk+
ExtSynch- ClockPM- AutWidDis- BWInt- AutBWInt-
LnkSta: Speed 2.5GT/s, Width x1, TrErr- Train- SlotClk+ DLActive-
BWMgmt- ABWMgmt-
DevCap2: Completion Timeout: Not Supported, TimeoutDis-, LTR-, OBFF
Not Supported
DevCtl2: Completion Timeout: 50us to 50ms, TimeoutDis-, LTR-, OBFF
Disabled
LnkCtl2: Target Link Speed: 2.5GT/s, EnterCompliance- SpeedDis-
Transmit Margin: Normal Operating Range,
EnterModifiedCompliance- ComplianceSOS-
Compliance De-emphasis: -6dB
LnkSta2: Current De-emphasis Level: -6dB, EqualizationComplete-,
EqualizationPhase1-
EqualizationPhase2-, EqualizationPhase3-,
LinkEqualizationRequest-
Capabilities: [100 v1] Advanced Error Reporting
UESta: DLP- SDES- TLP- FCP- CmplT0- CmpltAbrt- UnxCmplt- RxOF-
MalftLP- ECRC- UnsupReq- ACSViol-
UEMsk: DLP- SDES- TLP- FCP- CmplT0- CmpltAbrt- UnxCmplt- RxOF-
MalftLP- ECRC- UnsupReq- ACSViol-
UESvrt: DLP+ SDES+ TLP- FCP+ CmplT0- CmpltAbrt- UnxCmplt- RxOF+
MalftLP+ 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-

```

Bus 002 Device 002: ID 8087:8000 Intel Corp.

Device Descriptor:

```

bLength                18
bDescriptorType         1
bcdUSB                  2.00
bDeviceClass            9 Hub
bDeviceSubClass         0 Unused
bDeviceProtocol         1 Single TT
bMaxPacketSize0        64
idVendor                0x8087 Intel Corp.
idProduct               0x8000
bcdDevice               0.04
iManufacturer           0
iProduct                0
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 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		12
Hub Descriptor:		
bLength	11	
bDescriptorType	41	
nNbrPorts	8	
wHubCharacteristic	0x0009	
Per-port power switching		
Per-port overcurrent protection		
TT think time 8 FS bits		
bPwrOn2PwrGood	0 * 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 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: 0x0001		
Self Powered		
Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub		
Device Descriptor:		
bLength	18	
bDescriptorType	1	
bcdUSB	2.00	
bDeviceClass	9 Hub	
bDeviceSubClass	0 Unused	
bDeviceProtocol	0 Full speed (or root) hub	
bMaxPacketSize0	64	
idVendor	0x1d6b Linux Foundation	
idProduct	0x0002 2.0 root hub	
bcdDevice	3.13	
iManufacturer	3 Linux 3.13.0-30-generic ehci_hcd	
iProduct	2 EHCI 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         0x0004  1x 4 bytes
  bInterval              12
Hub Descriptor:
  bLength                9
  bDescriptorType       41
  nNbrPorts              2
  wHubCharacteristic 0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
  bPwrOn2PwrGood         10 * 2 milli seconds
  bHubContrCurrent       0 milli Ampere
  DeviceRemovable        0x02
  PortPwrCtrlMask        0xff
Hub Port Status:
  Port 1: 0000.0507 highspeed power suspend enable connect
  Port 2: 0000.0100 power
Device Status:          0x0001
  Self Powered

```

```

Bus 001 Device 002: ID 8087:8008 Intel Corp.
Device Descriptor:

```

```
bLength          18
bDescriptorType   1
bcdUSB           2.00
bDeviceClass      9 Hub
bDeviceSubClass   0 Unused
bDeviceProtocol   1 Single TT
bMaxPacketSize0   64
idVendor          0x8087 Intel Corp.
idProduct         0x8008
bcdDevice         0.04
iManufacturer     0
iProduct          0
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         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    0x0001 1x 1 bytes
      bInterval         12
  Hub Descriptor:
    bLength          9
    bDescriptorType  41
    nNbrPorts        6
```

```
wHubCharacteristic 0x0009
  Per-port power switching
  Per-port overcurrent protection
  TT think time 8 FS bits
bPwrOn2PwrGood      0 * 2 milli seconds
bHubContrCurrent     0 milli Ampere
DeviceRemovable      0x00
PortPwrCtrlMask      0xff
Hub Port Status:
  Port 1: 0000.0100 power
  Port 2: 0000.0100 power
  Port 3: 0000.0100 power
  Port 4: 0000.0100 power
  Port 5: 0000.0100 power
  Port 6: 0000.0100 power
Device 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:         0x0001
  Self Powered

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              3.13
  iManufacturer          3 Linux 3.13.0-30-generic ehci_hcd
  iProduct               2 EHCI Host Controller
  iSerial               1 0000:00:1a.0
  bNumConfigurations     1
Configuration Descriptor:
  bLength                9
  bDescriptorType        2
  wTotalLength           25
  bNumInterfaces         1
  bConfigurationValue    1
  iConfiguration         0
  bmAttributes           0xe0
```

```
Self Powered
Remote Wakeup
MaxPower          0mA
Interface Descriptor:
  bLength          9
  bDescriptorType   4
  bInterfaceNumber  0
  bAlternateSetting 0
  bNumEndpoints    1
  bInterfaceClass   9 Hub
  bInterfaceSubClass 0 Unused
  bInterfaceProtocol 0 Full speed (or root) hub
  iInterface        0
Endpoint Descriptor:
  bLength          7
  bDescriptorType   5
  bEndpointAddress 0x81 EP 1 IN
  bmAttributes      3
    Transfer Type   Interrupt
    Synch Type      None
    Usage Type      Data
  wMaxPacketSize    0x0004 1x 4 bytes
  bInterval        12
```

```
Hub Descriptor:
  bLength          9
  bDescriptorType  41
  nNbrPorts        2
  wHubCharacteristic 0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
  bPwrOn2PwrGood    10 * 2 milli seconds
  bHubContrCurrent   0 milli Ampere
  DeviceRemovable    0x02
  PortPwrCtrlMask    0xff
Hub Port Status:
  Port 1: 0000.0507 highspeed power suspend enable connect
  Port 2: 0000.0100 power
Device Status:      0x0001
  Self Powered
```

Bus 004 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub

```
Device Descriptor:
  bLength          18
  bDescriptorType   1
  bcdUSB           3.00
  bDeviceClass      9 Hub
  bDeviceSubClass   0 Unused
  bDeviceProtocol    3
  bMaxPacketSize0   9
```

```

idVendor          0x1d6b Linux Foundation
idProduct         0x0003 3.0 root hub
bcdDevice         3.13
iManufacturer     3 Linux 3.13.0-30-generic xhci_hcd
iProduct          2 xHCI Host Controller
iSerial           1 0000:00:14.0
bNumConfigurations 1
Configuration Descriptor:
  bLength          9
  bDescriptorType  2
  wTotalLength     31
  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
  bMaxBurst        0
Hub Descriptor:
  bLength          12
  bDescriptorType  42
  nNbrPorts        6
  wHubCharacteristic 0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
  bPwrOn2PwrGood   10 * 2 milli seconds
  bHubContrCurrent  0 milli Ampere
  bHubDecLat        0.0 micro seconds
  wHubDelay         0 nano seconds
  DeviceRemovable  0x00

```

Hub Port Status:

Port 1: 0000.02a0 5Gbps power Rx.Detect
Port 2: 0000.02a0 5Gbps power Rx.Detect
Port 3: 0000.02a0 5Gbps power Rx.Detect
Port 4: 0000.02a0 5Gbps power Rx.Detect
Port 5: 0000.02a0 5Gbps power Rx.Detect
Port 6: 0000.02a0 5Gbps power Rx.Detect

Binary Object Store Descriptor:

bLength 5
bDescriptorType 15
wTotalLength 15
bNumDeviceCaps 1

SuperSpeed USB Device Capability:

bLength 10
bDescriptorType 16
bDevCapabilityType 3
bmAttributes 0x02
Latency Tolerance Messages (LTM) Supported
wSpeedsSupported 0x0008
Device can operate at SuperSpeed (5Gbps)
bFunctionalitySupport 3
Lowest fully-functional device speed is SuperSpeed (5Gbps)
bU1DevExitLat 10 micro seconds
bU2DevExitLat 512 micro seconds

Device Status: 0x0001

Self Powered

Bus 003 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 1 Single TT
bMaxPacketSize0 64
idVendor 0x1d6b Linux Foundation
idProduct 0x0002 2.0 root hub
bcdDevice 3.13
iManufacturer 3 Linux 3.13.0-30-generic xhci_hcd
iProduct 2 xHCI Host Controller
iSerial 1 0000:00:14.0
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         0x0004 1x 4 bytes
  bInterval              12
Hub Descriptor:
  bLength                11
  bDescriptorType        41
  nNbrPorts              15
  wHubCharacteristic     0x000a
    No power switching (usb 1.0)
    Per-port overcurrent protection
    TT think time 8 FS bits
  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
  Port 9: 0000.0100 power
  Port 10: 0000.0100 power
  Port 11: 0000.0100 power
  Port 12: 0000.0100 power
  Port 13: 0000.0100 power

```

```
Port 14: 0000.0100 power
Port 15: 0000.0100 power
Device Status:      0x0001
Self Powered
bonker
  Beschreibung: »Mini Tower«-Rechner
  Produkt: PowerEdge T20 (PowerEdge T20)
  Hersteller: Dell Inc.
  Version: 01
  Seriennummer: 537KJZ1
  Breite: 64 bits
  Fähigkeiten: smbios-2.7 dmi-2.7 vsyscall32
  Konfiguration: boot=normal chassis=mini-tower sku=PowerEdge T20
  uuid=44454C4C-3300-1037-804B-B5C04F4A5A31
  *-core
    Beschreibung: Hauptplatine
    Produkt: 0VD5HY
    Hersteller: Dell Inc.
    Physische ID: 0
    Version: A01
    Seriennummer: /537KJZ1/CN722003B400DJ/
  *-firmware
    Beschreibung: BIOS
    Hersteller: Dell Inc.
    Physische ID: 0
    Version: A02
    date: 09/06/2013
    Größe: 64KiB
    Kapazität: 11MiB
    Fähigkeiten: pci pnp upgrade shadowing cdboot bootselect
    socketedrom edd int13floppy1200 int13floppy720 int13floppy2880
    int5printscreen int9keyboard int14serial int17printer acpi usb
    biosbootspecification netboot uefi
  *-cpu
    Beschreibung: CPU
    Produkt: Intel(R) Pentium(R) CPU G3220 @ 3.00GHz
    Hersteller: Intel Corp.
    Physische ID: 39
    Bus-Informationen: cpu@0
    Version: Intel(R) Pentium(R) CPU G3220 @ 3.00GHz
    Steckplatz: SOCKET 0
    Größe: 3GHz
    Kapazität: 3800MHz
    Breite: 64 bits
    Takt: 100MHz
    Fähigkeiten: x86-64 fpu fpu_exception wp vme de pse tsc msr pae
    mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse
    sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp constant_tsc arch_perfmon pebs
    bts rep_good nopl xtopology nonstop_tsc aperfmperf eagerfpu pni pclmulqdq
```

```
dtes64 monitor ds_cpl vmx est tm2 ssse3 cx16 xtpr pdcm pcid sse4_1 sse4_2
movbe popcnt tsc_deadline_timer xsave rdrand lahf_lm abm arat epb xsaveopt
pln pts dtherm tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
erms invpcid cpufreq
```

Konfiguration: cores=2 enabledcores=2 threads=2

*-cache:0

Beschreibung: L1 Cache

Physische ID: 3a

Steckplatz: CPU Internal L1

Größe: 128KiB

Kapazität: 128KiB

Fähigkeiten: internal write-back

*-cache:1

Beschreibung: L2 Cache

Physische ID: 3b

Steckplatz: CPU Internal L2

Größe: 512KiB

Kapazität: 512KiB

Fähigkeiten: internal write-back unified

*-cache:2

Beschreibung: L3 Cache

Physische ID: 3c

Steckplatz: CPU Internal L3

Größe: 3MiB

Kapazität: 3MiB

Fähigkeiten: internal write-back unified

*-memory

Beschreibung: Systemspeicher

Physische ID: 3d

Steckplatz: Systemplatine oder Hauptplatine

Größe: 4GiB

*-bank:0

Beschreibung: DIMMProject-Id-Version: lshwReport-Msgid-Bugs-To:

FULL NAME <EMAIL@ADDRESS>POT-Creation-Date: 2009-10-08 14:02+0200PO-

Revision-Date: 2012-05-30 08:16+0000Last-Translator: Hendrik Knackstedt

<Unknown>Language-Team: German <de@li.org>MIME-Version: 1.0Content-Type:

text/plain; charset=UTF-8Content-Transfer-Encoding: 8bitX-Launchpad-Export-

Date: 2014-04-10 12:53+0000X-Generator: Launchpad (build 16976) [leer]

Produkt: [Empty]

Hersteller: [Empty]

Physische ID: 0

Seriennummer: [Empty]

Steckplatz: DIMM3

*-bank:1

Beschreibung: DIMMProject-Id-Version: lshwReport-Msgid-Bugs-To:

FULL NAME <EMAIL@ADDRESS>POT-Creation-Date: 2009-10-08 14:02+0200PO-

Revision-Date: 2012-05-30 08:16+0000Last-Translator: Hendrik Knackstedt

<Unknown>Language-Team: German <de@li.org>MIME-Version: 1.0Content-Type:

text/plain; charset=UTF-8Content-Transfer-Encoding: 8bitX-Launchpad-Export-

Date: 2014-04-10 12:53+0000X-Generator: Launchpad (build 16976) [leer]

Produkt: [Empty]

```
Hersteller: [Empty]
Physische ID: 1
Seriennummer: [Empty]
Steckplatz: DIMM1
*-bank:2
Beschreibung: DIMMProject-Id-Version: lshwReport-Msgid-Bugs-To:
FULL NAME <EMAIL@ADDRESS>POT-Creation-Date: 2009-10-08 14:02+0200P0-
Revision-Date: 2012-05-30 08:16+0000Last-Translator: Hendrik Knackstedt
<Unknown>Language-Team: German <de@li.org>MIME-Version: 1.0Content-Type:
text/plain; charset=UTF-8Content-Transfer-Encoding: 8bitX-Launchpad-Export-
Date: 2014-04-10 12:53+0000X-Generator: Launchpad (build 16976) [leer]
Produkt: [Empty]
Hersteller: [Empty]
Physische ID: 2
Seriennummer: [Empty]
Steckplatz: DIMM4
*-bank:3
Beschreibung: DIMM DDR3 Synchron 1333 MHz (0,8 ns)
Produkt: HMT451U7AFR8A-PB
Hersteller: Hynix/Hyundai
Physische ID: 3
Seriennummer: 4B36ADA9
Steckplatz: DIMM2
Größe: 4GiB
Breite: 64 bits
Takt: 1333MHz (0.8ns)
*-pci
Beschreibung: Host bridge
Produkt: 4th Gen Core Processor DRAM Controller
Hersteller: Intel Corporation
Physische ID: 100
Bus-Informationen: pci@0000:00:00.0
Version: 06
Breite: 32 bits
Takt: 33MHz
*-display
Beschreibung: VGA compatible controller
Produkt: Xeon E3-1200 v3/4th Gen Core Processor Integrated
Graphics Controller
Hersteller: Intel Corporation
Physische ID: 2
Bus-Informationen: pci@0000:00:02.0
Version: 06
Breite: 64 bits
Takt: 33MHz
Fähigkeiten: msi pm vga_controller bus_master cap_list rom
Konfiguration: driver=i915 latency=0
Ressourcen: irq:45 memory:f7800000-f7bfffff memory:e0000000-
efffffff ioport:f000(Größe=64)
```

***-usb:0**

Beschreibung: USB controller
Produkt: 8 Series/C220 Series Chipset Family USB xHCI
Hersteller: Intel Corporation
Physische ID: 14
Bus-Informationen: pci@0000:00:14.0
Version: 04
Breite: 64 bits
Takt: 33MHz
Fähigkeiten: pm msi xhci bus_master cap_list
Konfiguration: driver=xhci_hcd latency=0
Ressourcen: irq:42 memory:f7c20000-f7c2ffff

***-communication**

Beschreibung: Communication controller
Produkt: 8 Series/C220 Series Chipset Family MEI Controller #1
Hersteller: Intel Corporation
Physische ID: 16
Bus-Informationen: pci@0000:00:16.0
Version: 04
Breite: 64 bits
Takt: 33MHz
Fähigkeiten: pm msi bus_master cap_list
Konfiguration: driver=mei_me latency=0
Ressourcen: irq:46 memory:f7c3c000-f7c3c00f

***-network**

Beschreibung: Ethernet interface
Produkt: Ethernet Connection I217-LM
Hersteller: Intel Corporation
Physische ID: 19
Bus-Informationen: pci@0000:00:19.0
Logischer Name: em1
Version: 04
Seriennummer: f8:b1:56:b3:2f:53
Größe: 1Gbit/s
Kapazität: 1Gbit/s
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pm msi bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation
Konfiguration: autonegotiation=on broadcast=yes driver=e1000e driverversion=2.3.2-k duplex=full firmware=0.13-4 ip=10.16.2.113 latency=0 link=yes multicast=yes port=twisted pair speed=1Gbit/s
Ressourcen: irq:44 memory:f7c00000-f7c1ffff memory:f7c39000-f7c39fff ioport:f080(Größe=32)

***-usb:1**

Beschreibung: USB controller
Produkt: 8 Series/C220 Series Chipset Family USB EHCI #2
Hersteller: Intel Corporation
Physische ID: 1a
Bus-Informationen: pci@0000:00:1a.0
Version: 04

```
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pm debug ehci bus_master cap_list
Konfiguration: driver=ehci-pci latency=0
Ressourcen: irq:16 memory:f7c38000-f7c383ff
*-multimedia
  Beschreibung: Audio device
  Produkt: 8 Series/C220 Series Chipset High Definition Audio
Controller
  Hersteller: Intel Corporation
  Physische ID: 1b
  Bus-Informationen: pci@0000:00:1b.0
  Version: 04
  Breite: 64 bits
  Takt: 33MHz
  Fähigkeiten: pm msi pciexpress bus_master cap_list
  Konfiguration: driver=snd_hda_intel latency=0
  Ressourcen: irq:47 memory:f7c30000-f7c33fff
*-pci:0
  Beschreibung: PCI bridge
  Produkt: 8 Series/C220 Series Chipset Family PCI Express Root
Port #1
  Hersteller: Intel Corporation
  Physische ID: 1c
  Bus-Informationen: pci@0000:00:1c.0
  Version: d4
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pci pciexpress msi pm normal_decode bus_master
cap_list
  Konfiguration: driver=pcieport
  Ressourcen: irq:40
*-pci:1
  Beschreibung: PCI bridge
  Produkt: 8 Series/C220 Series Chipset Family PCI Express Root
Port #2
  Hersteller: Intel Corporation
  Physische ID: 1c.1
  Bus-Informationen: pci@0000:00:1c.1
  Version: d4
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pci pciexpress msi pm normal_decode bus_master
cap_list
  Konfiguration: driver=pcieport
  Ressourcen: irq:41
*-pci
  Beschreibung: PCI bridge
  Produkt: XI02001 PCI Express-to-PCI Bridge
```

```
Hersteller: Texas Instruments
Physische ID: 0
Bus-Informationen: pci@0000:02:00.0
Version: 00
Breite: 32 bits
Takt: 33MHz
Fähigkeiten: pci pm msi pciexpress normal_decode bus_master
cap_list
*-usb:2
  Beschreibung: USB controller
  Produkt: 8 Series/C220 Series Chipset Family USB EHCI #1
  Hersteller: Intel Corporation
  Physische ID: 1d
  Bus-Informationen: pci@0000:00:1d.0
  Version: 04
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: pm debug ehci bus_master cap_list
  Konfiguration: driver=ehci-pci latency=0
  Ressourcen: irq:23 memory:f7c37000-f7c373ff
*-isa
  Beschreibung: ISA bridge
  Produkt: C226 Series Chipset Family Server Advanced SKU LPC
Controller
  Hersteller: Intel Corporation
  Physische ID: 1f
  Bus-Informationen: pci@0000:00:1f.0
  Version: 04
  Breite: 32 bits
  Takt: 33MHz
  Fähigkeiten: isa bus_master cap_list
  Konfiguration: driver=lpc_ich latency=0
  Ressourcen: irq:0
*-storage
  Beschreibung: SATA controller
  Produkt: 8 Series/C220 Series Chipset Family 6-port SATA
Controller 1 [AHCI mode]
  Hersteller: Intel Corporation
  Physische ID: 1f.2
  Bus-Informationen: pci@0000:00:1f.2
  Version: 04
  Breite: 32 bits
  Takt: 66MHz
  Fähigkeiten: storage msi pm ahci_1.0 bus_master cap_list
  Konfiguration: driver=ahci latency=0
  Ressourcen: irq:43 ioport:f0d0(Größe=8) ioport:f0c0(Größe=4)
ioport:f0b0(Größe=8) ioport:f0a0(Größe=4) ioport:f060(Größe=32)
memory:f7c36000-f7c367ff
*-serial UNGEFORDERT
  Beschreibung: SMBus
  Produkt: 8 Series/C220 Series Chipset Family SMBus Controller
```

```
Hersteller: Intel Corporation
Physische ID: 1f.3
Bus-Informationen: pci@0000:00:1f.3
Version: 04
Breite: 64 bits
Takt: 33MHz
Konfiguration: latency=0
Ressourcen: memory:f7c35000-f7c350ff ioport:f040(Größe=32)
*-scsi
  Physische ID: 1
  Logischer Name: scsi0
  Fähigkeiten: emulated
*-disk
  Beschreibung: ATA Disk
  Produkt: WDC WD20EFRX-68E
  Hersteller: Western Digital
  Physische ID: 0.0.0
  Bus-Informationen: scsi@0:0.0.0
  Logischer Name: /dev/sda
  Version: 80.0
  Seriennummer: WD-WCC4M3431230
  Größe: 1863GiB (2TB)
  Fähigkeiten: partitioned partitioned:dos
  Konfiguration: ansiversion=5 sectorsize=4096 signature=00089fae
*-volume:0
  Beschreibung: EXT4-Laufwerk
  Hersteller: Linux
  Physische ID: 1
  Bus-Informationen: scsi@0:0.0.0,1
  Logischer Name: /dev/sda1
  Logischer Name: /
  Version: 1.0
  Seriennummer: b3f33c70-3a41-46b2-855f-f01e1a4d187d
  Größe: 9536MiB
  Kapazität: 9536MiB
  Fähigkeiten: primary bootable journaled extended_attributes
large_files huge_files dir_nlink recover extents ext4 ext2 initialized
  Konfiguration: created=2014-06-10 14:29:54 filesystem=ext4
label=root lastmountpoint=/ modified=2014-06-26 08:19:33 mount.fstype=ext4
mount.options=rw,relatime,errors=remount-ro,data=ordered mounted=2014-06-26
08:19:33 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
  Seriennummer: 40729144-bd19-4c53-8374-ca5fa898c088
  Größe: 7629MiB
```

```
Kapazität: 7629MiB
Fähigkeiten: primary nofs swap initialized
Konfiguration: filesystem=swap pagesize=4096
*-volume:2
  Beschreibung: EXT4-Laufwerk
  Hersteller: Linux
  Physische ID: 3
  Bus-Informationen: scsi@0:0.0.0,3
  Logischer Name: /dev/sda3
  Logischer Name: /home
  Version: 1.0
  Seriennummer: 16fd7ac2-0539-4030-af51-52aeb22f7f57
  Größe: 1846GiB
  Kapazität: 1846GiB
  Fähigkeiten: primary journaled extended_attributes
large_files huge_files dir_nlink recover extents ext4 ext2 initialized
Konfiguration: created=2014-06-10 14:29:55 filesystem=ext4
label=home lastmountpoint=/home modified=2014-06-26 08:19:34
mount.fstype=ext4 mount.options=rw,relatime,data=ordered mounted=2014-06-26
08:19:34 state=mounted
```

From:

<https://www.kvfg.net/wiki/> - **KvFG Wiki**

Permanent link:

<https://www.kvfg.net/wiki/doku.php?id=projektdoku:installation:server:backupdellbonker>

Last update: **2020/08/27 11:05**

