

id: login61
description: Computer
width: 64 bits
capabilities: smp vsyscall32

id: core
description: Motherboard
physical id: 0

id: memory
description: System memory
physical id: 1
size: 64GiB

id: cpu:0
product: Intel(R) Xeon(R) CPU E5-2650 v2 @ 2.60GHz
vendor: Intel Corp.
vendor_id: GenuineIntel
physical id: 6
bus info: cpu@0
size: 3223MHz
capacity: 3400MHz
width: 64 bits
capabilities: 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 x86-64 constant_tsc arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc aperfmperf eagerfpu pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr pdcm pcid dca sse4_1 sse4_2 x2apic popcnt tsc_deadline_timer aes xsave avx f16c rdrand lahf_lm epb intel_ppin ssbd ibrs ibpb tpr_shadow vnmi flexpriority ept vpid fsgsbase smep erms xsaveopt dtherm ida arat pln pts cpufreq

id: cpu:1
product: Intel(R) Xeon(R) CPU E5-2650 v2 @ 2.60GHz
vendor: Intel Corp.
vendor_id: GenuineIntel
physical id: 7
bus info: cpu@1
size: 3398MHz
capacity: 3400MHz
width: 64 bits
capabilities: 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 x86-64 constant_tsc arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc aperfmperf eagerfpu pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr pdcm pcid dca sse4_1 sse4_2 x2apic popcnt tsc_deadline_timer aes xsave avx f16c rdrand lahf_lm epb intel_ppin ssbd ibrs ibpb tpr_shadow vnmi flexpriority ept vpid fsgsbase smep erms xsaveopt dtherm ida arat pln pts cpufreq

id: pci:0
description: Host bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 DMI2

id: pci:0
vendor: Intel Corporation
physical id: 100
bus info: pci@0000:00:00.0
version: 04
width: 32 bits
clock: 33MHz

id: pci:0
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 1a
vendor: Intel Corporation
physical id: 1
bus info: pci@0000:00:01.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 25
memory : c4300000-c43fffff
ioport : c6800000(size=8388608)

id: network
description: interface
product: MT27500 Family [ConnectX-3]
vendor: Mellanox Technologies
physical id: 0
bus info: pci@0000:0c:00.0
logical name: ib1
version: 00
serial: a0:00:03:00:fe:80:00:00:00:00:00:00:50:05:00:00:00:00:00
size: 10Gbit/s
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list physical
configuration: autonegotiation = off
broadcast = yes
driver = ib_ipoib
driverversion = 4.5-1.0.1
duplex = full
firmware = 2.30.3000
latency = 0
link = no
multicast = yes
speed = 10Gbit/s
resources: irq : 24
memory : c4300000-c43fffff
memory : c6800000-c6ffffff

id: pci:1
description: PCI bridge

id: pci:1
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 2a
vendor: Intel Corporation
physical id: 2
bus info: pci@0000:00:02.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 27

id: pci:2
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 2c
vendor: Intel Corporation
physical id: 2.2
bus info: pci@0000:00:02.2
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 28
ioport : 2000(size=4096)
memory : c4400000-c44fffff

id: raid
description: RAID bus controller
product: MegaRAID SAS 2208 [Thunderbolt]
vendor: LSI Logic / Symbios Logic
physical id: 0
bus info: pci@0000:16:00.0
version: 05
width: 64 bits
clock: 33MHz
capabilities: raid bus_master cap_list rom
configuration: driver = megaraid_sas
latency = 0
resources: irq : 42
ioport : 2f00(size=256)
memory : c44bc000-c44bffff
memory : c44c0000-c44fffff
memory : c4400000-c441ffff

id: pci:3
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 3a
vendor: Intel Corporation
physical id: 3

id: pci:3
bus info: pci@0000:00:03.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 30

id: pci:4
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 3c
vendor: Intel Corporation
physical id: 3.2
bus info: pci@0000:00:03.2
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 31

id: generic:0
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 0
vendor: Intel Corporation
physical id: 4
bus info: pci@0000:00:04.0
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : c66e0000-c66e3fff

id: generic:1
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 1
vendor: Intel Corporation
physical id: 4.1
bus info: pci@0000:00:04.1
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : c66e4000-c66e7fff

id: generic:2

description: System peripheral

product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 2

vendor: Intel Corporation

physical id: 4.2

bus info: pci@0000:00:04.2

version: 04

width: 64 bits

clock: 33MHz

capabilities: bus_master cap_list

configuration: latency = 0

resources: memory : c66e8000-c66ebfff

id: generic:3

description: System peripheral

product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 3

vendor: Intel Corporation

physical id: 4.3

bus info: pci@0000:00:04.3

version: 04

width: 64 bits

clock: 33MHz

capabilities: bus_master cap_list

configuration: latency = 0

resources: memory : c66ec000-c66effff

id: generic:4

description: System peripheral

product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 4

vendor: Intel Corporation

physical id: 4.4

bus info: pci@0000:00:04.4

version: 04

width: 64 bits

clock: 33MHz

capabilities: bus_master cap_list

configuration: latency = 0

resources: memory : c66f0000-c66f3fff

id: generic:5

description: System peripheral

product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 5

vendor: Intel Corporation

physical id: 4.5

bus info: pci@0000:00:04.5

version: 04

width: 64 bits

clock: 33MHz

capabilities: bus_master cap_list

id: generic:5
configuration: latency = 0
resources: memory : c66f4000-c66f7fff

id: generic:6
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 6
vendor: Intel Corporation
physical id: 4.6
bus info: pci@0000:00:04.6
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : c66f8000-c66fbfff

id: generic:7
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 7
vendor: Intel Corporation
physical id: 4.7
bus info: pci@0000:00:04.7
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : c66fc000-c66fffff

id: generic:8
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 VTd/Memory Map/Misc
vendor: Intel Corporation
physical id: 5
bus info: pci@0000:00:05.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:9
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 IIO RAS
vendor: Intel Corporation
physical id: 5.2
bus info: pci@0000:00:05.2

id: generic:9
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: pci:5
description: PCI bridge
product: C600/X79 series chipset PCI Express Virtual Root Port
vendor: Intel Corporation
physical id: 11
bus info: pci@0000:00:11.0
version: 06
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 32

id: usb:0
description: USB controller
product: C600/X79 series chipset USB2 Enhanced Host Controller #2
vendor: Intel Corporation
physical id: 1a
bus info: pci@0000:00:1a.0
version: 06
width: 32 bits
clock: 33MHz
capabilities: ehci bus_master cap_list
configuration: driver = ehci-pci
latency = 0
resources: irq : 19
memory : c42fd000-c42fd3ff

id: pci:6
description: PCI bridge
product: C600/X79 series chipset PCI Express Root Port 1
vendor: Intel Corporation
physical id: 1c
bus info: pci@0000:00:1c.0
version: b6
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 33
ioport : 3000(size=4096)
memory : c4500000-c45fffff
ioport : c6700000(size=1048576)

id: pci:6

id: network:0
description: Ethernet interface
product: I350 Gigabit Network Connection
vendor: Intel Corporation
physical id: 0
bus info: pci@0000:06:00.0
logical name: eno2
version: 01
serial: 98:be:94:3c:ee:1a
capacity: 1Gbit/s
width: 32 bits
clock: 33MHz
capabilities: bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation
configuration: autonegotiation = on
broadcast = yes
driver = igb
driverversion = 5.4.0-k
firmware = 1.63, 0x800009fa
latency = 0
link = no
multicast = yes
port = twisted pair
resources: irq : 16
memory : c4580000-c459ffff
ioport : 3f80(size=32)
memory : c4570000-c4573fff
memory : c6700000-c671ffff
memory : c6720000-c673ffff

id: network:1
description: Ethernet interface
product: I350 Gigabit Network Connection
vendor: Intel Corporation
physical id: 0.1
bus info: pci@0000:06:00.1
logical name: eno3
version: 01
serial: 98:be:94:3c:ee:1b
size: 100Mbit/s
capacity: 1Gbit/s
width: 32 bits
clock: 33MHz
capabilities: bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation

id: network:1

configuration: autonegotiation = on
broadcast = yes
driver = igb
driverversion = 5.4.0-k
duplex = full
firmware = 1.63, 0x800009fa
ip = 11.250.1.61
latency = 0
link = yes
multicast = yes
port = twisted pair
speed = 100Mbit/s

resources: irq : 17
memory : c45a0000-c45bffff
ioport : 3fa0(size=32)
memory : c4574000-c4577fff
memory : c6740000-c675ffff
memory : c6760000-c677ffff

id: network:2

description: Ethernet interface

product: I350 Gigabit Network Connection

vendor: Intel Corporation

physical id: 0.2

bus info: pci@0000:06:00.2

logical name: eno4

version: 01

serial: 98:be:94:3c:ee:1c

capacity: 1Gbit/s

width: 32 bits

clock: 33MHz

capabilities: bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation

configuration: autonegotiation = on
broadcast = yes
driver = igb
driverversion = 5.4.0-k
firmware = 1.63, 0x800009fa
latency = 0
link = no
multicast = yes
port = twisted pair

resources: irq : 18
memory : c45c0000-c45dffff
ioport : 3fc0(size=32)
memory : c4578000-c457bfff
memory : c6780000-c679ffff
memory : c67a0000-c67bffff

id: network:3

description: Ethernet interface

id: network:3
product: I350 Gigabit Network Connection
vendor: Intel Corporation
physical id: 0.3
bus info: pci@0000:06:00.3
logical name: eno5
version: 01
serial: 98:be:94:3c:ee:1d
capacity: 1Gbit/s
width: 32 bits
clock: 33MHz
capabilities: bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation
configuration: autonegotiation = on
broadcast = yes
driver = igb
drverversion = 5.4.0-k
firmware = 1.63, 0x800009fa
latency = 0
link = no
multicast = yes
port = twisted pair
resources: irq : 19
memory : c45e0000-c45fffff
ioport : 3fe0(size=32)
memory : c457c000-c457ffff
memory : c67c0000-c67dffff
memory : c67e0000-c67fffff

id: pci:7
description: PCI bridge
product: C600/X79 series chipset PCI Express Root Port 8
vendor: Intel Corporation
physical id: 1c.7
bus info: pci@0000:00:1c.7
version: b6
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 34
memory : c4600000-c46fffff
ioport : c5000000(size=16777216)

id: pci
description: PCI bridge
product: SH7757 PCIe Switch [PS]
vendor: Renesas Technology Corp.
physical id: 0
bus info: pci@0000:01:00.0
version: 00
width: 32 bits
clock: 33MHz

id: pci
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 0
memory : c4600000-c4ffffff
ioport : c5000000(size=16777216)

id: pci:0
description: PCI bridge
product: SH7757 PCIe Switch [PS]
vendor: Renesas Technology Corp.
physical id: 0
bus info: pci@0000:02:00.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 0
memory : c4700000-c4ffffff
ioport : c5000000(size=16777216)

id: pci
description: PCI bridge
product: SH7757 PCIe-PCI Bridge [PPB]
vendor: Renesas Technology Corp.
physical id: 0
bus info: pci@0000:03:00.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
resources: memory : c4700000-c4ffffff
ioport : c5000000(size=16777216)

id: display
description: VGA compatible controller
product: G200eR2
vendor: Matrox Electronics Systems Ltd.
physical id: 0
bus info: pci@0000:04:00.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: vga_controller bus_master cap_list rom
configuration: driver = mgag200
latency = 64
maxlatency = 32
mingnt = 16

id: display
resources: irq : 20
memory : c5000000-c5ffffff
memory : c47fc000-c47fffff
memory : c4800000-c4ffffff

id: pci:1
description: PCI bridge
product: SH7757 PCIe Switch [PS]
vendor: Renesas Technology Corp.
physical id: 1
bus info: pci@0000:02:01.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode cap_list
configuration: driver = pcieport
resources: irq : 0
memory : c4600000-c46fffff

id: usb:1
description: USB controller
product: C600/X79 series chipset USB2 Enhanced Host Controller #1
vendor: Intel Corporation
physical id: 1d
bus info: pci@0000:00:1d.0
version: 06
width: 32 bits
clock: 33MHz
capabilities: ehci bus_master cap_list
configuration: driver = ehci-pci
latency = 0
resources: irq : 23
memory : c42fe000-c42fe3ff

id: pci:8
description: PCI bridge
product: 82801 PCI Bridge
vendor: Intel Corporation
physical id: 1e
bus info: pci@0000:00:1e.0
version: a6
width: 32 bits
clock: 33MHz
capabilities: pci subtractive_decode cap_list

id: isa
description: ISA bridge
product: C600/X79 series chipset LPC Controller
vendor: Intel Corporation
physical id: 1f
bus info: pci@0000:00:1f.0
version: 06
width: 32 bits
clock: 33MHz
capabilities: isa bus_master cap_list
configuration: latency = 0

id: sata
description: SATA controller
product: C600/X79 series chipset 6-Port SATA AHCI Controller
vendor: Intel Corporation
physical id: 1f.2
bus info: pci@0000:00:1f.2
version: 06
width: 32 bits
clock: 66MHz
capabilities: sata ahci_1.0 bus_master cap_list
configuration: driver = ahci
latency = 0
resources: irq : 68
ioport : 1fb0(size=8)
ioport : 1fa8(size=4)
ioport : 1000(size=8)
ioport : 1008(size=4)
ioport : 1fc0(size=32)
memory : c42ff000-c42ff7ff

id: generic:0
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 0
vendor: Intel Corporation
physical id: 8
bus info: pci@0000:7f:08.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:1
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 0
vendor: Intel Corporation
physical id: 9
bus info: pci@0000:7f:08.2

id: generic:1
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:2
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link Reut 0
vendor: Intel Corporation
physical id: a
bus info: pci@0000:7f:08.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:3
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link Reut 0
vendor: Intel Corporation
physical id: b
bus info: pci@0000:7f:08.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:4
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 1
vendor: Intel Corporation
physical id: c
bus info: pci@0000:7f:09.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:5
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 1
vendor: Intel Corporation
physical id: d

id: generic:5
bus info: pci@0000:7f:09.2
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:6
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 1
vendor: Intel Corporation
physical id: e
bus info: pci@0000:7f:09.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:7
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link Reut 1
vendor: Intel Corporation
physical id: f
bus info: pci@0000:7f:09.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:8
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 0
vendor: Intel Corporation
physical id: 10
bus info: pci@0000:7f:0a.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:9
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 1
vendor: Intel Corporation
physical id: 11

id: generic:9
bus info: pci@0000:7f:0a.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:10
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 2
vendor: Intel Corporation
physical id: 12
bus info: pci@0000:7f:0a.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:11
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 3
vendor: Intel Corporation
physical id: 13
bus info: pci@0000:7f:0a.3
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:12
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 UBOX Registers
vendor: Intel Corporation
physical id: 14
bus info: pci@0000:7f:0b.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:13
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 UBOX Registers
vendor: Intel Corporation
physical id: 15
bus info: pci@0000:7f:0b.3
version: 04
width: 32 bits
clock: 33MHz

id: generic:13
configuration: latency = 0

id: generic:14
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 16
bus info: pci@0000:7f:0c.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:15
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 17
bus info: pci@0000:7f:0c.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:16
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 18
bus info: pci@0000:7f:0c.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:17
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 19
bus info: pci@0000:7f:0c.3
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:18
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 1a
bus info: pci@0000:7f:0d.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:19
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 1b
bus info: pci@0000:7f:0d.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:20
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 1c
bus info: pci@0000:7f:0d.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:21
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 1d
bus info: pci@0000:7f:0d.3
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:22
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Home Agent 0
vendor: Intel Corporation

id: generic:22
physical id: 1e
bus info: pci@0000:7f:0e.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:23
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 Home Agent 0
vendor: Intel Corporation
physical id: 1f
bus info: pci@0000:7f:0e.1
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:24
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Target Address/Thermal Registers
vendor: Intel Corporation
physical id: 20
bus info: pci@0000:7f:0f.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:25
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 RAS Registers
vendor: Intel Corporation
physical id: 21
bus info: pci@0000:7f:0f.1
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:26
description: System peripheral

id: generic:26
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 22
bus info: pci@0000:7f:0f.2
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:27
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 23
bus info: pci@0000:7f:0f.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:28
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 24
bus info: pci@0000:7f:0f.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:29
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 25
bus info: pci@0000:7f:0f.5
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:30
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 DDRIO Registers
vendor: Intel Corporation
physical id: 26
bus info: pci@0000:7f:0f.6
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:31
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 0
vendor: Intel Corporation
physical id: 27
bus info: pci@0000:7f:10.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:32
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 1
vendor: Intel Corporation
physical id: 28
bus info: pci@0000:7f:10.1
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:33
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 0
vendor: Intel Corporation
physical id: 29
bus info: pci@0000:7f:10.2
version: 04

id: generic:33
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:34
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 1
vendor: Intel Corporation
physical id: 2a
bus info: pci@0000:7f:10.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:35
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 2
vendor: Intel Corporation
physical id: 2b
bus info: pci@0000:7f:10.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:36
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 3
vendor: Intel Corporation
physical id: 2c
bus info: pci@0000:7f:10.5
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:37

description: System peripheral

product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 2

vendor: Intel Corporation

physical id: 2d

bus info: pci@0000:7f:10.6

version: 04

width: 32 bits

clock: 33MHz

capabilities: cap_list

configuration: latency = 0

id: generic:38

description: System peripheral

product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 3

vendor: Intel Corporation

physical id: 2e

bus info: pci@0000:7f:10.7

version: 04

width: 32 bits

clock: 33MHz

capabilities: cap_list

configuration: latency = 0

id: generic:39

description: System peripheral

product: Intel Corporation

vendor: Intel Corporation

physical id: 2f

bus info: pci@0000:7f:11.0

version: 04

width: 32 bits

clock: 33MHz

capabilities: cap_list

configuration: latency = 0

id: generic:40

description: System peripheral

product: Xeon E7 v2/Xeon E5 v2/Core i7 R2PCIe

vendor: Intel Corporation

physical id: 30

bus info: pci@0000:7f:13.0

version: 04

width: 32 bits

clock: 33MHz

configuration: latency = 0

id: generic:41
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 R2PCIe
vendor: Intel Corporation
physical id: 31
bus info: pci@0000:7f:13.1
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:42
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Ring Registers
vendor: Intel Corporation
physical id: 32
bus info: pci@0000:7f:13.4
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:43
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Ring Performance Ring Monitoring
vendor: Intel Corporation
physical id: 33
bus info: pci@0000:7f:13.5
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:44
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Ring Performance Ring Monitoring
vendor: Intel Corporation
physical id: 34
bus info: pci@0000:7f:13.6
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:44

id: generic:45
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 System Address Decoder
vendor: Intel Corporation
physical id: 35
bus info: pci@0000:7f:16.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:46
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Broadcast Registers
vendor: Intel Corporation
physical id: 36
bus info: pci@0000:7f:16.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:47
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Broadcast Registers
vendor: Intel Corporation
physical id: 37
bus info: pci@0000:7f:16.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: pci:1
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port in DMI2 Mode
vendor: Intel Corporation
physical id: 0
bus info: pci@0000:80:00.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 36

id: pci:2
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 2a
vendor: Intel Corporation
physical id: 2
bus info: pci@0000:80:02.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 38

id: pci:3
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 2c
vendor: Intel Corporation
physical id: 2.2
bus info: pci@0000:80:02.2
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 39

id: pci:4
description: PCI bridge
product: Xeon E7 v2/Xeon E5 v2/Core i7 PCI Express Root Port 3a
vendor: Intel Corporation
physical id: 3
bus info: pci@0000:80:03.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 41

id: generic:48
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 0
vendor: Intel Corporation
physical id: 4
bus info: pci@0000:80:04.0
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0

id: generic:48
resources: memory : 90000000-90003fff

id: generic:49
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 1
vendor: Intel Corporation
physical id: 4.1
bus info: pci@0000:80:04.1
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : 90004000-90007fff

id: generic:50
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 2
vendor: Intel Corporation
physical id: 4.2
bus info: pci@0000:80:04.2
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : 90008000-9000bfff

id: generic:51
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 3
vendor: Intel Corporation
physical id: 4.3
bus info: pci@0000:80:04.3
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : 9000c000-9000ffff

id: generic:52
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 4
vendor: Intel Corporation
physical id: 4.4
bus info: pci@0000:80:04.4

id: generic:52
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : 90010000-90013fff

id: generic:53
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 5
vendor: Intel Corporation
physical id: 4.5
bus info: pci@0000:80:04.5
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : 90014000-90017fff

id: generic:54
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 6
vendor: Intel Corporation
physical id: 4.6
bus info: pci@0000:80:04.6
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : 90018000-9001bfff

id: generic:55
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Crystal Beach DMA Channel 7
vendor: Intel Corporation
physical id: 4.7
bus info: pci@0000:80:04.7
version: 04
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list
configuration: latency = 0
resources: memory : 9001c000-9001ffff

id: generic:56

id: generic:56
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 VTd/Memory Map/Misc
vendor: Intel Corporation
physical id: 5
bus info: pci@0000:80:05.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:57
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 IIO RAS
vendor: Intel Corporation
physical id: 5.2
bus info: pci@0000:80:05.2
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:58
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 0
vendor: Intel Corporation
physical id: 38
bus info: pci@0000:ff:08.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:59
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 0
vendor: Intel Corporation
physical id: 39
bus info: pci@0000:ff:08.2
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:60
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link Reut 0
vendor: Intel Corporation
physical id: 3a
bus info: pci@0000:ff:08.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:61
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link Reut 0
vendor: Intel Corporation
physical id: 3b
bus info: pci@0000:ff:08.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:62
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 1
vendor: Intel Corporation
physical id: 3c
bus info: pci@0000:ff:09.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:63
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 1
vendor: Intel Corporation
physical id: 3d
bus info: pci@0000:ff:09.2
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:64

id: generic:64
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link 1
vendor: Intel Corporation
physical id: 3e
bus info: pci@0000:ff:09.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:65
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Link Reut 1
vendor: Intel Corporation
physical id: 3f
bus info: pci@0000:ff:09.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:66
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 0
vendor: Intel Corporation
physical id: 40
bus info: pci@0000:ff:0a.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:67
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 1
vendor: Intel Corporation
physical id: 41
bus info: pci@0000:ff:0a.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:68
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 2

id: generic:68
vendor: Intel Corporation
physical id: 42
bus info: pci@0000:ff:0a.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:69
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Power Control Unit 3
vendor: Intel Corporation
physical id: 43
bus info: pci@0000:ff:0a.3
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:70
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 UBOX Registers
vendor: Intel Corporation
physical id: 44
bus info: pci@0000:ff:0b.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:71
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 UBOX Registers
vendor: Intel Corporation
physical id: 45
bus info: pci@0000:ff:0b.3
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:72
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 46
bus info: pci@0000:ff:0c.0
version: 04

id: generic:72
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:73
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 47
bus info: pci@0000:ff:0c.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:74
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 48
bus info: pci@0000:ff:0c.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:75
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 49
bus info: pci@0000:ff:0c.3
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:76
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 4a
bus info: pci@0000:ff:0d.0
version: 04
width: 32 bits
clock: 33MHz

id: generic:76
configuration: latency = 0

id: generic:77
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 4b
bus info: pci@0000:ff:0d.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:78
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 4c
bus info: pci@0000:ff:0d.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:79
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Unicast Registers
vendor: Intel Corporation
physical id: 4d
bus info: pci@0000:ff:0d.3
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:80
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Home Agent 0
vendor: Intel Corporation
physical id: 4e
bus info: pci@0000:ff:0e.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:81
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 Home Agent 0
vendor: Intel Corporation
physical id: 4f
bus info: pci@0000:ff:0e.1
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:82
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Target Address/Thermal Registers
vendor: Intel Corporation
physical id: 50
bus info: pci@0000:ff:0f.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:83
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 RAS Registers
vendor: Intel Corporation
physical id: 51
bus info: pci@0000:ff:0f.1
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:84
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 52
bus info: pci@0000:ff:0f.2
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list

id: generic:84
configuration: latency = 0

id: generic:85
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 53
bus info: pci@0000:ff:0f.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:86
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 54
bus info: pci@0000:ff:0f.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:87
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 0 Channel Target Address Decoder Registers
vendor: Intel Corporation
physical id: 55
bus info: pci@0000:ff:0f.5
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:88
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 DDRIO Registers
vendor: Intel Corporation
physical id: 56
bus info: pci@0000:ff:0f.6
version: 04

id: generic:88
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:89
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 0
vendor: Intel Corporation
physical id: 57
bus info: pci@0000:ff:10.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:90
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 1
vendor: Intel Corporation
physical id: 58
bus info: pci@0000:ff:10.1
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:91
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 0
vendor: Intel Corporation
physical id: 59
bus info: pci@0000:ff:10.2
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:92
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 1
vendor: Intel Corporation
physical id: 5a
bus info: pci@0000:ff:10.3
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:93
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 2
vendor: Intel Corporation
physical id: 5b
bus info: pci@0000:ff:10.4
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:94
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 Thermal Control 3
vendor: Intel Corporation
physical id: 5c
bus info: pci@0000:ff:10.5
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:95
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 2
vendor: Intel Corporation
physical id: 5d
bus info: pci@0000:ff:10.6
version: 04

id: generic:95
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:96
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Integrated Memory Controller 1 Channel 0-3 ERROR Registers 3
vendor: Intel Corporation
physical id: 5e
bus info: pci@0000:ff:10.7
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:97
description: System peripheral
product: Intel Corporation
vendor: Intel Corporation
physical id: 5f
bus info: pci@0000:ff:11.0
version: 04
width: 32 bits
clock: 33MHz
capabilities: cap_list
configuration: latency = 0

id: generic:98
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 R2PCIe
vendor: Intel Corporation
physical id: 60
bus info: pci@0000:ff:13.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:99
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 R2PCIe
vendor: Intel Corporation
physical id: 61
bus info: pci@0000:ff:13.1
version: 04

id: generic:99
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:100
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Ring Registers
vendor: Intel Corporation
physical id: 62
bus info: pci@0000:ff:13.4
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:101
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Ring Performance Ring Monitoring
vendor: Intel Corporation
physical id: 63
bus info: pci@0000:ff:13.5
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:102
description: Performance counters
product: Xeon E7 v2/Xeon E5 v2/Core i7 QPI Ring Performance Ring Monitoring
vendor: Intel Corporation
physical id: 64
bus info: pci@0000:ff:13.6
version: 04
width: 32 bits
clock: 33MHz
configuration: driver = ivbep_uncore
latency = 0
resources: irq : 0

id: generic:103
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 System Address Decoder
vendor: Intel Corporation

id: generic:103
physical id: 65
bus info: pci@0000:ff:16.0
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:104
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Broadcast Registers
vendor: Intel Corporation
physical id: 66
bus info: pci@0000:ff:16.1
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: generic:105
description: System peripheral
product: Xeon E7 v2/Xeon E5 v2/Core i7 Broadcast Registers
vendor: Intel Corporation
physical id: 67
bus info: pci@0000:ff:16.2
version: 04
width: 32 bits
clock: 33MHz
configuration: latency = 0

id: pnp00:00
product: PnP device PNP0b00
physical id: 68
capabilities: pnp
configuration: driver = rtc_cmos

id: pnp00:01
product: PnP device PNP0c02
physical id: 69
capabilities: pnp
configuration: driver = system

id: pnp00:02
product: PnP device IPI0001
vendor: Intelligent Platform Management Interface (IPMI) forum (Intel, HP, NEC, Dell)
physical id: 6a
capabilities: pnp

id: pnp00:02
configuration: driver = system

id: pnp00:03
product: PnP device PNP0c02
physical id: 6b
capabilities: pnp
configuration: driver = system

id: pnp00:04
product: PnP device PNP0501
physical id: 6c
capabilities: pnp
configuration: driver = serial

id: pnp00:05
product: PnP device PNP0501
physical id: 6d
capabilities: pnp
configuration: driver = serial

id: pnp00:06
product: PnP device PNP0c31
physical id: 6e
capabilities: pnp
configuration: driver = tpm_tis

id: pnp00:07
product: PnP device PNP0c02
physical id: 6f
capabilities: pnp
configuration: driver = system

id: network
description: interface
physical id: 1
bus info: pci@0000:0c:00.0
logical name: ib0
serial: a0:00:02:20:fe:80:00:00:00:00:00:00:50:05:00:00:00:00:00
capabilities: physical

```
id: network
configuration: autonegotiation = off
                broadcast      = yes
                driver          = ib_ipoib
                driverversion   = 4.5-1.0.1

                duplex          = full
                firmware        = 2.30.3000
                ip               = 12.250.1.61
                link             = yes
                multicast        = yes
```