id:	privatecloud
description:	System
product:	X8DTL (To Be Filled By O.E.M.)
vendor:	Supermicro
version:	1234567890
serial:	1234567890
width:	64 bits
capabilities:	*smbios-2.6 dmi-2.6 smp vsyscall32*
configuration:	boot = normal
	chassis = server
	family = Server
	sku = To Be Filled By O.E.M.
	uuid = 534D4349-0002-3690-2500-369025004B30

id:	core
description:	Motherboard
product:	X8DTL
vendor:	Supermicro
physical id:	0
version:	1234567890
serial:	VM13S58371
slot:	To Be Filled By O.E.M.

id:	firmware
description:	BIOS
vendor:	American Megatrends Inc.
physical id:	0
version:	2.1b
date:	11/16/2012
size:	64KiB
capacity:	4MiB
capabilities:	*isa pci pnp upgrade shadowing escd cdboot bootselect socketedrom edd int13floppy1200 int13floppy720 int13floppy2880 int5printscreen int9keyboard int14serial int17printer int10video acpi usb ls120boot zipboot biosbootspecification*

id:	cpu:0
description:	CPU
product:	Intel(R) Xeon(R) CPU X5670 @ 2.93GHz
vendor:	Intel Corp.
physical id:	4
bus info:	cpu@0
version:	Intel(R) Xeon(R) CPU X5670 @ 2.93GHz

id:	`cpu:0`
serial:	To Be Filled By O.E.M.
slot:	CPU 1
size:	1600MHz
capacity:	2934MHz
width:	64 bits
clock:	133MHz
capabilities:	*lm 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 ht tm pbe syscall nx pdpe1gb rdtscp x86-64 constant_tsc arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc cpuid aperfmperf pni dtes64 monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr pdcm pcid dca sse4_1 sse4_2 popcnt lahf_lm epb pti ssbd ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid dtherm ida arat flush_l1d cpufreq*
configuration:	cores = 6
	enabledcores = 6
	threads = 12

id:	`cache:0`
description:	L1 cache
physical id:	5
slot:	L1-Cache
size:	384KiB
capacity:	384KiB
capabilities:	*internal write-through instruction*
configuration:	level = 1

id:	`cache:1`
description:	L2 cache
physical id:	6
slot:	L2-Cache
size:	1536KiB
capacity:	1536KiB
capabilities:	*internal write-through unified*
configuration:	level = 2

id:	`cache:2`
description:	L3 cache
physical id:	7
slot:	L3-Cache
size:	12MiB
capacity:	12MiB
capabilities:	*internal write-back unified*

id:	cache:2
configuration:	level = 3

id:	cpu:1
description:	CPU
product:	Intel(R) Xeon(R) CPU X5670 @ 2.93GHz
vendor:	Intel Corp.
physical id:	8
bus info:	cpu@1
version:	Intel(R) Xeon(R) CPU X5670 @ 2.93GHz
serial:	To Be Filled By O.E.M.
slot:	CPU 2
size:	1599MHz
capacity:	2934MHz
width:	64 bits
clock:	133MHz
capabilities:	*lm 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 ht tm pbe syscall nx pdpe1gb rdtscp x86-64 constant_tsc arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc cpuid aperfmperf pni dtes64 monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr pdcm pcid dca sse4_1 sse4_2 popcnt lahf_lm epb pti ssbd ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid dtherm ida arat flush_l1d cpufreq*
configuration:	cores = 6 enabledcores = 6 threads = 12

id:	cache:0
description:	L1 cache
physical id:	9
slot:	L1-Cache
size:	384KiB
capacity:	384KiB
capabilities:	*internal write-through instruction*
configuration:	level = 1

id:	cache:1
description:	L2 cache
physical id:	a
slot:	L2-Cache
size:	1536KiB
capacity:	1536KiB

id:	cache:1
capabilities:	*internal write-through unified*
configuration:	level = 2

id:	cache:2
description:	L3 cache
physical id:	b
slot:	L3-Cache
size:	12MiB
capacity:	12MiB
capabilities:	*internal write-back unified*
configuration:	level = 3

id:	memory
description:	System Memory
physical id:	2d
slot:	System board or motherboard
size:	24GiB
capabilities:	*ecc*
configuration:	errordetection = multi-bit-ecc

id:	bank:0
description:	DIMM [empty]
product:	ModulePartNumber00
vendor:	Manufacturer00
physical id:	0
serial:	SerNum00
slot:	P2_DIMM1A
width:	64 bits

id:	bank:1
description:	DIMM 1333 MHz (0,8 ns)
product:	M393B1K70CH0-YH9
vendor:	Samsung
physical id:	1
serial:	CA816482
slot:	P2_DIMM2A
size:	8GiB

id:	bank:1
width:	64 bits
clock:	1333MHz (0.8ns)

id:	bank:2
description:	DIMM [empty]
product:	ModulePartNumber02
vendor:	Manufacturer02
physical id:	2
serial:	SerNum02
slot:	P2_DIMM3A
width:	64 bits

id:	bank:3
description:	DIMM 1333 MHz (0,8 ns)
product:	M393B1K70CH0-YH9
vendor:	Samsung
physical id:	3
serial:	C5816482
slot:	P1_DIMM1A
size:	8GiB
width:	64 bits
clock:	1333MHz (0.8ns)

id:	bank:4
description:	DIMM [empty]
product:	ModulePartNumber04
vendor:	Manufacturer04
physical id:	4
serial:	SerNum04
slot:	P1_DIMM2A
width:	64 bits

id:	bank:5
description:	DIMM 1333 MHz (0,8 ns)
product:	M393B1K70CH0-YH9
vendor:	Samsung
physical id:	5
serial:	C4816482

id:	bank:5
slot:	P1_DIMM3A
size:	8GiB
width:	64 bits
clock:	1333MHz (0.8ns)

id:	flash
description:	Flash Memory
physical id:	3d
slot:	System board or motherboard
capacity:	4MiB

id:	bank
description:	FLASH Non-volatile 33 MHz (30,3 ns)
product:	26DF321
vendor:	ATMEL
physical id:	0
slot:	BIOS
size:	4MiB
width:	8 bits
clock:	33MHz (30.3ns)

id:	pci:0
description:	Host bridge
product:	5500 I/O Hub to ESI Port
vendor:	Intel Corporation
physical id:	100
bus info:	pci@0000:00:00.0
version:	22
width:	32 bits
clock:	33MHz

id:	pci:0
description:	PCI bridge
product:	5520/5500/X58 I/O Hub PCI Express Root Port 1
vendor:	Intel Corporation
physical id:	1
bus info:	pci@0000:00:01.0
version:	22

id:	`pci:0`
width:	32 bits
clock:	33MHz
capabilities:	*pci msi pciexpress pm normal_decode bus_master cap_list*
configuration:	driver = pcieport
resources:	irq : 24

id:	`pci:1`
description:	PCI bridge
product:	5520/5500/X58 I/O Hub PCI Express Root Port 3
vendor:	Intel Corporation
physical id:	3
bus info:	`pci@0000:00:03.0`
version:	22
width:	32 bits
clock:	33MHz
capabilities:	*pci msi pciexpress pm normal_decode bus_master cap_list*
configuration:	driver = pcieport
resources:	irq : 25

id:	`pci:2`
description:	PCI bridge
product:	5520/5500/X58 I/O Hub PCI Express Root Port 7
vendor:	Intel Corporation
physical id:	7
bus info:	`pci@0000:00:07.0`
version:	22
width:	32 bits
clock:	33MHz
capabilities:	*pci msi pciexpress pm normal_decode bus_master cap_list*
configuration:	driver = pcieport
resources:	irq : 26
	ioport : b000(size=4096)
	memory : f9f00000-fafffffff
	ioport : ce000000(size=301989888)

id:	`display`
description:	VGA compatible controller
product:	GM206 [GeForce GTX 960]
vendor:	NVIDIA Corporation

id:	`display`
physical id:	`0`
bus info:	`pci@0000:03:00.0`
version:	a1
width:	64 bits
clock:	33MHz
capabilities:	*pm msi pciexpress vga_controller bus_master cap_list rom*
configuration:	driver = nouveau
	latency = 0
resources:	irq : 50
	memory : fa000000-faffffff
	memory : d0000000-dfffffff
	memory : ce000000-cfffffff
	ioport : bc00(size=128)
	memory : c0000-dffff

id:	`multimedia`
description:	Audio device
product:	GM206 High Definition Audio Controller
vendor:	NVIDIA Corporation
physical id:	`0.1`
bus info:	`pci@0000:03:00.1`
version:	a1
width:	32 bits
clock:	33MHz
capabilities:	*pm msi pciexpress bus_master cap_list*
configuration:	driver = snd_hda_intel
	latency = 0
resources:	irq : 47
	memory : f9f7c000-f9f7ffff

id:	`pci:3`
description:	PCI bridge
product:	7500/5520/5500/X58 I/O Hub PCI Express Root Port 9
vendor:	Intel Corporation
physical id:	`9`
bus info:	`pci@0000:00:09.0`
version:	22
width:	32 bits
clock:	33MHz
capabilities:	*pci msi pciexpress pm normal_decode bus_master cap_list*

id:	pci:3
configuration:	driver = pcieport
resources:	irq : 27

id:	generic:0
description:	PIC
product:	7500/5520/5500/X58 I/O Hub I/OxAPIC Interrupt Controller
vendor:	Intel Corporation
physical id:	13
bus info:	pci@0000:00:13.0
version:	22
width:	32 bits
clock:	33MHz
capabilities:	*pm io_x_-apic bus_master cap_list*
configuration:	latency = 0
resources:	memory : fec8a000-fec8afff

id:	generic:1
description:	PIC
product:	7500/5520/5500/X58 I/O Hub System Management Registers
vendor:	Intel Corporation
physical id:	14
bus info:	pci@0000:00:14.0
version:	22
width:	32 bits
clock:	33MHz
capabilities:	*pciexpress 8259 cap_list*
configuration:	driver = i7core_edac
	latency = 0
resources:	irq : 0

id:	generic:2
description:	PIC
product:	7500/5520/5500/X58 I/O Hub GPIO and Scratch Pad Registers
vendor:	Intel Corporation
physical id:	14.1
bus info:	pci@0000:00:14.1
version:	22
width:	32 bits
clock:	33MHz

id:	generic:2
capabilities:	*pciexpress 8259 cap_list*
configuration:	latency = 0

id:	generic:3
description:	PIC
product:	7500/5520/5500/X58 I/O Hub Control Status and RAS Registers
vendor:	Intel Corporation
physical id:	14.2
bus info:	pci@0000:00:14.2
version:	22
width:	32 bits
clock:	33MHz
capabilities:	*pciexpress 8259 cap_list*
configuration:	latency = 0

id:	generic:4
description:	PIC
product:	7500/5520/5500/X58 I/O Hub Throttle Registers
vendor:	Intel Corporation
physical id:	14.3
bus info:	pci@0000:00:14.3
version:	22
width:	32 bits
clock:	33MHz
capabilities:	*8259*
configuration:	driver = i5500_temp
	latency = 0
resources:	irq : 0

id:	generic:5
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation
physical id:	16
bus info:	pci@0000:00:16.0
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*

id:	`generic:5`
configuration:	driver = ioatdma
	latency = 0
resources:	irq : 34
	memory : fbbfc000-fbbfffff

id:	`generic:6`
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation
physical id:	`16.1`
bus info:	`pci@0000:00:16.1`
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*
configuration:	driver = ioatdma
	latency = 0
resources:	irq : 36
	memory : fbbf8000-fbbfbfff

id:	`generic:7`
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation
physical id:	`16.2`
bus info:	`pci@0000:00:16.2`
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*
configuration:	driver = ioatdma
	latency = 0
resources:	irq : 38
	memory : fbbf4000-fbbf7fff

id:	`generic:8`
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation

id:	generic:8
physical id:	16.3
bus info:	pci@0000:00:16.3
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*
configuration:	driver = ioatdma
	latency = 0
resources:	irq : 40
	memory : fbbf0000-fbbf3fff

id:	generic:9
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation
physical id:	16.4
bus info:	pci@0000:00:16.4
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*
configuration:	driver = ioatdma
	latency = 0
resources:	irq : 34
	memory : fbbec000-fbbeffff

id:	generic:10
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation
physical id:	16.5
bus info:	pci@0000:00:16.5
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*
configuration:	driver = ioatdma
	latency = 0
resources:	irq : 36
	memory : fbbe8000-fbbebfff

id:	`generic:11`
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation
physical id:	`16.6`
bus info:	`pci@0000:00:16.6`
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*
configuration:	driver = ioatdma latency = 0
resources:	irq : 38 memory : fbbe4000-fbbe7fff

id:	`generic:12`
description:	System peripheral
product:	5520/5500/X58 Chipset QuickData Technology Device
vendor:	Intel Corporation
physical id:	`16.7`
bus info:	`pci@0000:00:16.7`
version:	22
width:	64 bits
clock:	33MHz
capabilities:	*msix pciexpress pm bus_master cap_list*
configuration:	driver = ioatdma latency = 0
resources:	irq : 40 memory : fbbe0000-fbbe3fff

id:	`usb:0`
description:	USB controller
product:	82801JI (ICH10 Family) USB UHCI Controller #4
vendor:	Intel Corporation
physical id:	`1a`
bus info:	`pci@0000:00:1a.0`
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*uhci bus_master cap_list*

id: usb:0

configuration:
driver = uhci_hcd
latency = 0

resources:
irq : 16
ioport : ac00(size=32)

---

id: usbhost

product: UHCI Host Controller

vendor: Linux 5.13.0-22-generic uhci_hcd

physical id: 1

bus info: usb@3

logical name: usb3

version: 5.13

capabilities: *usb-1.10*

configuration:
driver = hub
slots = 2
speed = 12Mbit/s

---

id: usb:1

description: USB controller

product: 82801JI (ICH10 Family) USB UHCI Controller #5

vendor: Intel Corporation

physical id: 1a.1

bus info: pci@0000:00:1a.1

version: 00

width: 32 bits

clock: 33MHz

capabilities: *uhci bus_master cap_list*

configuration:
driver = uhci_hcd
latency = 0

resources:
irq : 21
ioport : a880(size=32)

---

id: usbhost

product: UHCI Host Controller

vendor: Linux 5.13.0-22-generic uhci_hcd

physical id: 1

bus info: usb@4

logical name: usb4

version: 5.13

capabilities: *usb-1.10*

id:	usbhost
configuration:	driver = hub
	slots = 2
	speed = 12Mbit/s

id:	usb:2
description:	USB controller
product:	82801JI (ICH10 Family) USB UHCI Controller #6
vendor:	Intel Corporation
physical id:	1a.2
bus info:	pci@0000:00:1a.2
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*uhci bus_master cap_list*
configuration:	driver = uhci_hcd
	latency = 0
resources:	irq : 19
	ioport : a800(size=32)

id:	usbhost
product:	UHCI Host Controller
vendor:	Linux 5.13.0-22-generic uhci_hcd
physical id:	1
bus info:	usb@5
logical name:	usb5
version:	5.13
capabilities:	*usb-1.10*
configuration:	driver = hub
	slots = 2
	speed = 12Mbit/s

id:	usb:3
description:	USB controller
product:	82801JI (ICH10 Family) USB2 EHCI Controller #2
vendor:	Intel Corporation
physical id:	1a.7
bus info:	pci@0000:00:1a.7
version:	00

id: usb:3
width: 32 bits
clock: 33MHz
capabilities: *pm debug ehci bus_master cap_list*
configuration: driver = ehci-pci
latency = 0
resources: irq : 18
memory : fbbde000-fbbde3ff

id: usbhost
product: EHCI Host Controller
vendor: Linux 5.13.0-22-generic ehci_hcd
physical id: 1
bus info: usb@1
logical name: usb1
version: 5.13
capabilities: *usb-2.00*
configuration: driver = hub
slots = 6
speed = 480Mbit/s

id: pci:4
description: PCI bridge
product: 82801JI (ICH10 Family) PCI Express Root Port 1
vendor: Intel Corporation
physical id: 1c
bus info: pci@0000:00:1c.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: *pci pciexpress msi pm normal_decode bus_master cap_list*
configuration: driver = pcieport
resources: irq : 17
ioport : c000(size=4096)
memory : fbc00000-fbcfffff
ioport : c0000000(size=2097152)

id: network
description: Wireless interface
product: RTL8192EE PCIe Wireless Network Adapter
vendor: Realtek Semiconductor Co., Ltd.

id:	`network`	
physical id:	`0`	
bus info:	`pci@0000:05:00.0`	
logical name:	`wlp5s0`	
version:	`00`	
serial:	50:3e:aa:32:bb:11	
width:	64 bits	
clock:	33MHz	
capabilities:	*pm msi pciexpress bus_master cap_list ethernet physical wireless*	
configuration:	broadcast	= yes
	driver	= rtl8192ee
	driverversion	= 5.13.0-22-generic
	firmware	= N/A
	ip	= 192.168.0.106
	latency	= 0
	link	= yes
	multicast	= yes
	wireless	= IEEE 802.11
resources:	irq	: 46
	ioport	: c800(size=256)
	memory	: fbcfc000-fbcfffff

id:	`pci:5`
description:	PCI bridge
product:	82801JI (ICH10 Family) PCI Express Root Port 5
vendor:	Intel Corporation
physical id:	`1c.4`
bus info:	`pci@0000:00:1c.4`
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*pci pciexpress msi pm normal_decode bus_master cap_list*
configuration:	driver = pcieport
resources:	irq : 17
	ioport : d000(size=4096)
	memory : fbd00000-fbdfffff
	ioport : c0200000(size=2097152)

id:	`network`
description:	Ethernet interface
product:	82574L Gigabit Network Connection
vendor:	Intel Corporation

id:	network
physical id:	0
bus info:	pci@0000:06:00.0
logical name:	enp6s0
version:	00
serial:	00:25:90:36:30:4a
capacity:	1Gbit/s
width:	32 bits
clock:	33MHz
capabilities:	*pm msi pciexpress msix bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation*

configuration:	
	autonegotiation = on
	broadcast = yes
	driver = e1000e
	driverversion = 5.13.0-22-generic
	firmware = 1.8-0
	latency = 0
	link = no
	multicast = yes
	port = twisted pair

resources:	
	irq : 16
	memory : fbde0000-fbdfffff
	ioport : dc00(size=32)
	memory : fbddc000-fbddffff

id:	pci:6
description:	PCI bridge
product:	82801JI (ICH10 Family) PCI Express Root Port 6
vendor:	Intel Corporation
physical id:	1c.5
bus info:	pci@0000:00:1c.5
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*pci pciexpress msi pm normal_decode bus_master cap_list*
configuration:	driver = pcieport
resources:	irq : 16
	ioport : e000(size=4096)
	memory : fbe00000-fbefffff
	ioport : c0400000(size=2097152)

id:	network

id:	`network`
description:	Ethernet interface
product:	82574L Gigabit Network Connection
vendor:	Intel Corporation
physical id:	`0`
bus info:	`pci@0000:07:00.0`
logical name:	`enp7s0`
version:	00
serial:	00:25:90:36:30:4b
capacity:	1Gbit/s
width:	32 bits
clock:	33MHz
capabilities:	*pm msi pciexpress msix bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation*

configuration:

autonegotiation = on
broadcast   = yes
driver   = e1000e
driverversion   = 5.13.0-22-generic
firmware   = 1.8-0
latency   = 0
link   = no
multicast   = yes
port   = twisted pair

resources:

irq   : 17
memory : fbee0000-fbefffff
ioport : ec00(size=32)
memory : fbedc000-fbedffff

---

id:	`usb:4`
description:	USB controller
product:	82801JI (ICH10 Family) USB UHCI Controller #1
vendor:	Intel Corporation
physical id:	`1d`
bus info:	`pci@0000:00:1d.0`
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*uhci bus_master cap_list*

configuration:

driver   = uhci_hcd
latency = 0

resources:

irq   : 23
ioport : a480(size=32)

id:	usbhost
product:	UHCI Host Controller
vendor:	Linux 5.13.0-22-generic uhci_hcd
physical id:	1
bus info:	usb@6
logical name:	usb6
version:	5.13
capabilities:	*usb-1.10*
configuration:	driver = hub
	slots = 2
	speed = 12Mbit/s

id:	usb:5
description:	USB controller
product:	82801JI (ICH10 Family) USB UHCI Controller #2
vendor:	Intel Corporation
physical id:	1d.1
bus info:	pci@0000:00:1d.1
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*uhci bus_master cap_list*
configuration:	driver = uhci_hcd
	latency = 0
resources:	irq : 19
	ioport : a400(size=32)

id:	usbhost
product:	UHCI Host Controller
vendor:	Linux 5.13.0-22-generic uhci_hcd
physical id:	1
bus info:	usb@7
logical name:	usb7
version:	5.13
capabilities:	*usb-1.10*
configuration:	driver = hub
	slots = 2
	speed = 12Mbit/s

id:	usb:6
description:	USB controller
product:	82801JI (ICH10 Family) USB UHCI Controller #3
vendor:	Intel Corporation
physical id:	1d.2
bus info:	pci@0000:00:1d.2
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*uhci bus_master cap_list*
configuration:	driver = uhci_hcd
	latency = 0
resources:	irq : 18
	ioport : a080(size=32)

id:	usbhost
product:	UHCI Host Controller
vendor:	Linux 5.13.0-22-generic uhci_hcd
physical id:	1
bus info:	usb@8
logical name:	usb8
version:	5.13
capabilities:	*usb-1.10*
configuration:	driver = hub
	slots = 2
	speed = 12Mbit/s

id:	usb:7
description:	USB controller
product:	82801JI (ICH10 Family) USB2 EHCI Controller #1
vendor:	Intel Corporation
physical id:	1d.7
bus info:	pci@0000:00:1d.7
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*pm debug ehci bus_master cap_list*
configuration:	driver = ehci-pci
	latency = 0
resources:	irq : 23
	memory : fbbdc000-fbbdc3ff

id:	usbhost
product:	EHCI Host Controller
vendor:	Linux 5.13.0-22-generic ehci_hcd
physical id:	1
bus info:	usb@2
logical name:	usb2
version:	5.13
capabilities:	*usb-2.00*
configuration:	driver = hub
	slots = 6
	speed = 480Mbit/s

id:	pci:7
description:	PCI bridge
product:	82801 PCI Bridge
vendor:	Intel Corporation
physical id:	1e
bus info:	pci@0000:00:1e.0
version:	90
width:	32 bits
clock:	33MHz
capabilities:	*pci subtractive_decode bus_master cap_list*

id:	isa
description:	ISA bridge
product:	82801JIR (ICH10R) LPC Interface Controller
vendor:	Intel Corporation
physical id:	1f
bus info:	pci@0000:00:1f.0
version:	00
width:	32 bits
clock:	33MHz
capabilities:	*isa bus_master cap_list*
configuration:	driver = lpc_ich
	latency = 0
resources:	irq : 0

id:	ide:0
description:	IDE interface

id:	ide:0
product:	82801JI (ICH10 Family) 4 port SATA IDE Controller #1
vendor:	Intel Corporation
physical id:	1f.2
bus info:	pci@0000:00:1f.2
version:	00
width:	32 bits
clock:	66MHz
capabilities:	*ide pm isa_compat_mode pci_native_mode bus_master cap_list*
configuration:	driver = ata_piix latency = 0
resources:	irq : 19 ioport : a000(size=8) ioport : 9c00(size=4) ioport : 9880(size=8) ioport : 9800(size=4) ioport : 9480(size=16) ioport : 9400(size=16)

id:	serial
description:	SMBus
product:	82801JI (ICH10 Family) SMBus Controller
vendor:	Intel Corporation
physical id:	1f.3
bus info:	pci@0000:00:1f.3
version:	00
width:	64 bits
clock:	33MHz
configuration:	driver = i801_smbus latency = 0
resources:	irq : 18 memory : fbbda000-fbbda0ff ioport : 400(size=32)

id:	ide:1
description:	IDE interface
product:	82801JI (ICH10 Family) 2 port SATA IDE Controller #2
vendor:	Intel Corporation
physical id:	1f.5
bus info:	pci@0000:00:1f.5
version:	00
width:	32 bits

id:	ide:1	
clock:	66MHz	
capabilities:	*ide pm pci_native_mode bus_master cap_list*	
configuration:	driver = ata_piix	
	latency = 0	
resources:	irq : 19	
	ioport : 9000(size=8)	
	ioport : 8c00(size=4)	
	ioport : 8880(size=8)	
	ioport : 8800(size=4)	
	ioport : 8480(size=16)	
	ioport : 8400(size=16)	

id:	pci:1
description:	Host bridge
product:	Xeon 5600 Series QuickPath Architecture Generic Non-core Registers
vendor:	Intel Corporation
physical id:	101
bus info:	pci@0000:fe:00.0
version:	02
width:	32 bits
clock:	33MHz

id:	pci:2
description:	Host bridge
product:	Xeon 5600 Series QuickPath Architecture System Address Decoder
vendor:	Intel Corporation
physical id:	102
bus info:	pci@0000:fe:00.1
version:	02
width:	32 bits
clock:	33MHz

id:	pci:3
description:	Host bridge
product:	Xeon 5600 Series QPI Link 0
vendor:	Intel Corporation
physical id:	103
bus info:	pci@0000:fe:02.0
version:	02

id:	pci:3
width:	32 bits
clock:	33MHz

id:	pci:4
description:	Host bridge
product:	Xeon 5600 Series QPI Physical 0
vendor:	Intel Corporation
physical id:	104
bus info:	pci@0000:fe:02.1
version:	02
width:	32 bits
clock:	33MHz

id:	pci:5
description:	Host bridge
product:	Xeon 5600 Series Mirror Port Link 0
vendor:	Intel Corporation
physical id:	105
bus info:	pci@0000:fe:02.2
version:	02
width:	32 bits
clock:	33MHz

id:	pci:6
description:	Host bridge
product:	Xeon 5600 Series Mirror Port Link 1
vendor:	Intel Corporation
physical id:	106
bus info:	pci@0000:fe:02.3
version:	02
width:	32 bits
clock:	33MHz

id:	pci:7
description:	Host bridge
product:	Xeon 5600 Series QPI Link 1
vendor:	Intel Corporation
physical id:	107

id:	`pci:7`
bus info:	`pci@0000:fe:02.4`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:8`
description:	Host bridge
product:	Xeon 5600 Series QPI Physical 1
vendor:	Intel Corporation
physical id:	`108`
bus info:	`pci@0000:fe:02.5`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:9`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Registers
vendor:	Intel Corporation
physical id:	`109`
bus info:	`pci@0000:fe:03.0`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:10`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Target Address Decoder
vendor:	Intel Corporation
physical id:	`10a`
bus info:	`pci@0000:fe:03.1`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:11`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller RAS Registers

id:	`pci:11`
vendor:	Intel Corporation
physical id:	`10b`
bus info:	`pci@0000:fe:03.2`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:12`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Test Registers
vendor:	Intel Corporation
physical id:	`10c`
bus info:	`pci@0000:fe:03.4`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:13`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Control
vendor:	Intel Corporation
physical id:	`10d`
bus info:	`pci@0000:fe:04.0`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:14`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Address
vendor:	Intel Corporation
physical id:	`10e`
bus info:	`pci@0000:fe:04.1`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:15`

id:	pci:15
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Rank
vendor:	Intel Corporation
physical id:	10f
bus info:	pci@0000:fe:04.2
version:	02
width:	32 bits
clock:	33MHz

id:	pci:16
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Thermal Control
vendor:	Intel Corporation
physical id:	110
bus info:	pci@0000:fe:04.3
version:	02
width:	32 bits
clock:	33MHz

id:	pci:17
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Control
vendor:	Intel Corporation
physical id:	111
bus info:	pci@0000:fe:05.0
version:	02
width:	32 bits
clock:	33MHz

id:	pci:18
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Address
vendor:	Intel Corporation
physical id:	112
bus info:	pci@0000:fe:05.1
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:19`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Rank
vendor:	Intel Corporation
physical id:	`113`
bus info:	`pci@0000:fe:05.2`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:20`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Thermal Control
vendor:	Intel Corporation
physical id:	`114`
bus info:	`pci@0000:fe:05.3`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:21`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Control
vendor:	Intel Corporation
physical id:	`115`
bus info:	`pci@0000:fe:06.0`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:22`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Address
vendor:	Intel Corporation
physical id:	`116`
bus info:	`pci@0000:fe:06.1`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:23`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Rank
vendor:	Intel Corporation
physical id:	`117`
bus info:	`pci@0000:fe:06.2`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:24`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Thermal Control
vendor:	Intel Corporation
physical id:	`118`
bus info:	`pci@0000:fe:06.3`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:25`
description:	Host bridge
product:	Xeon 5600 Series QuickPath Architecture Generic Non-core Registers
vendor:	Intel Corporation
physical id:	`119`
bus info:	`pci@0000:ff:00.0`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:26`
description:	Host bridge
product:	Xeon 5600 Series QuickPath Architecture System Address Decoder
vendor:	Intel Corporation
physical id:	`11a`
bus info:	`pci@0000:ff:00.1`
version:	02
width:	32 bits
clock:	33MHz

id:	pci:27
description:	Host bridge
product:	Xeon 5600 Series QPI Link 0
vendor:	Intel Corporation
physical id:	11b
bus info:	pci@0000:ff:02.0
version:	02
width:	32 bits
clock:	33MHz

id:	pci:28
description:	Host bridge
product:	Xeon 5600 Series QPI Physical 0
vendor:	Intel Corporation
physical id:	11c
bus info:	pci@0000:ff:02.1
version:	02
width:	32 bits
clock:	33MHz

id:	pci:29
description:	Host bridge
product:	Xeon 5600 Series Mirror Port Link 0
vendor:	Intel Corporation
physical id:	11d
bus info:	pci@0000:ff:02.2
version:	02
width:	32 bits
clock:	33MHz

id:	pci:30
description:	Host bridge
product:	Xeon 5600 Series Mirror Port Link 1
vendor:	Intel Corporation
physical id:	11e
bus info:	pci@0000:ff:02.3
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:31`
description:	Host bridge
product:	Xeon 5600 Series QPI Link 1
vendor:	Intel Corporation
physical id:	`11f`
bus info:	`pci@0000:ff:02.4`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:32`
description:	Host bridge
product:	Xeon 5600 Series QPI Physical 1
vendor:	Intel Corporation
physical id:	`120`
bus info:	`pci@0000:ff:02.5`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:33`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Registers
vendor:	Intel Corporation
physical id:	`121`
bus info:	`pci@0000:ff:03.0`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:34`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Target Address Decoder
vendor:	Intel Corporation
physical id:	`122`
bus info:	`pci@0000:ff:03.1`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:35`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller RAS Registers
vendor:	Intel Corporation
physical id:	`123`
bus info:	`pci@0000:ff:03.2`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:36`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Test Registers
vendor:	Intel Corporation
physical id:	`124`
bus info:	`pci@0000:ff:03.4`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:37`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Control
vendor:	Intel Corporation
physical id:	`125`
bus info:	`pci@0000:ff:04.0`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:38`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Address
vendor:	Intel Corporation
physical id:	`126`
bus info:	`pci@0000:ff:04.1`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:39`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Rank
vendor:	Intel Corporation
physical id:	`127`
bus info:	`pci@0000:ff:04.2`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:40`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 0 Thermal Control
vendor:	Intel Corporation
physical id:	`128`
bus info:	`pci@0000:ff:04.3`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:41`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Control
vendor:	Intel Corporation
physical id:	`129`
bus info:	`pci@0000:ff:05.0`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:42`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Address
vendor:	Intel Corporation
physical id:	`12a`
bus info:	`pci@0000:ff:05.1`
version:	`02`
width:	32 bits
clock:	33MHz

id:	`pci:43`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Rank
vendor:	Intel Corporation
physical id:	`12b`
bus info:	`pci@0000:ff:05.2`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:44`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 1 Thermal Control
vendor:	Intel Corporation
physical id:	`12c`
bus info:	`pci@0000:ff:05.3`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:45`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Control
vendor:	Intel Corporation
physical id:	`12d`
bus info:	`pci@0000:ff:06.0`
version:	02
width:	32 bits
clock:	33MHz

id:	`pci:46`
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Address
vendor:	Intel Corporation
physical id:	`12e`
bus info:	`pci@0000:ff:06.1`
version:	02
width:	32 bits
clock:	33MHz

id:	pci:47
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Rank
vendor:	Intel Corporation
physical id:	12f
bus info:	pci@0000:ff:06.2
version:	02
width:	32 bits
clock:	33MHz

id:	pci:48
description:	Host bridge
product:	Xeon 5600 Series Integrated Memory Controller Channel 2 Thermal Control
vendor:	Intel Corporation
physical id:	130
bus info:	pci@0000:ff:06.3
version:	02
width:	32 bits
clock:	33MHz

id:	pnp00:00
product:	PnP device PNP0c01
physical id:	1
capabilities:	*pnp*
configuration:	driver = system

id:	pnp00:01
product:	PnP device PNP0b00
physical id:	2
capabilities:	*pnp*
configuration:	driver = rtc_cmos

id:	pnp00:02
product:	PnP device PNP0c02
physical id:	3
capabilities:	*pnp*

id:	pnp00:02
configuration:	driver = system

id:	pnp00:03
product:	PnP device PNP0501
physical id:	5
capabilities:	*pnp*
configuration:	driver = serial

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

id:	pnp00:05
product:	PnP device PNP0c02
physical id:	7
capabilities:	*pnp*
configuration:	driver = system

id:	pnp00:06
product:	PnP device PNP0c02
physical id:	9
capabilities:	*pnp*
configuration:	driver = system

id:	pnp00:07
product:	PnP device PNP0c02
physical id:	a
capabilities:	*pnp*
configuration:	driver = system

id:	pnp00:08
product:	PnP device PNP0c01
physical id:	b
capabilities:	*pnp*
configuration:	driver = system

id:	scsi
physical id:	c
logical name:	scsi0
capabilities:	*emulated*

id:	disk
description:	ATA Disk
product:	WDC WD10EZEX-08W
vendor:	Western Digital
physical id:	0.0.0
bus info:	scsi@0:0.0.0
logical name:	/dev/sda
version:	1A02
serial:	WD-WCC6Y3KV2PSY
size:	931GiB (1TB)
capabilities:	*gpt-1.00 partitioned partitioned:gpt*
configuration:	ansiversion = 5
	guid = 0a17a234-c3fe-425f-bbd5-28308ca16096
	logicalsectorsize = 512
	sectorsize = 4096

id:	volume:0
description:	BIOS Boot partition
vendor:	EFI
physical id:	1
bus info:	scsi@0:0.0.0,1
logical name:	/dev/sda1
serial:	c0454aba-d882-4c74-b72d-d98e9be100af
capacity:	1023KiB
capabilities:	*nofs*

id:	volume:1

id:	volume:1
description:	Windows FAT volume
vendor:	mkfs.fat
physical id:	2
bus info:	scsi@0:0.0.0,2
version:	FAT32
serial:	f343-b6f9
size:	510MiB
capacity:	512MiB
capabilities:	*boot fat initialized*
configuration:	FATs = 2
	filesystem = fat

id:	volume:2
description:	LVM Physical Volume
vendor:	Linux
physical id:	3
bus info:	scsi@0:0.0.0,3
logical name:	/dev/sda3
serial:	bwmQaI-zo9V-UrnF-zpUA-8hrK-DySs-nWLMce
size:	931GiB
capabilities:	*multi lvm2*