

id:	mainframe
description:	Desktop Computer
product:	X570 AORUS ELITE (Default string)
vendor:	Gigabyte Technology Co., Ltd.
version:	-CF
serial:	Default string
width:	64 bits
capabilities:	<i>smbios-3.3.0 dmi-3.3.0 smp vsyscall32</i>
configuration:	boot = normal chassis = desktop family = X570 MB sku = Default string uuid = 03c00218-044d-0597-7206-320700080009

id:	core
description:	Motherboard
product:	X570 AORUS ELITE
vendor:	Gigabyte Technology Co., Ltd.
physical id:	0
version:	Default string
serial:	Default string
slot:	Default string

id:	firmware
description:	BIOS
vendor:	American Megatrends International, LLC.
physical id:	1
version:	F35
date:	07/08/2021
size:	64KiB
capacity:	16MiB
capabilities:	<i>pci upgrade shadowing cdboot bootselect socketedrom edd int13floppy nec int13floppy toshiba int13floppy360 int13floppy1200 int13floppy720 int13floppy2880 int5sprintscreens int14serial int17printer int10video acpi usb biosboot specification uefi</i>

id:	memory
description:	System Memory
physical id:	a
slot:	System board or motherboard
size:	32GiB

id:	bank:0
description:	Project-Id-Version: lshwReport-Msgid-Bugs-To: FULL NAME <EMAIL@ADDRESS>PO-Revision-Date: 2013-02-25 21:21+0000Last-Translator: Vojta Stank <Unknown>Language-Team: Czech <cs@li.org>MIME-Version: 1.0Content-Type: text/plain; charset=UTF-8Content-Transfer-Encoding: 8bitX-Launchpad-Export-Date: 2021-11-15 11:21+0000X-Generator: Launchpad (build 57dd9ea1b48fdf744e285d99fb34fa0c21646cd0)Project-Id-Version: lshwReport-Msgid-Bugs-To: FULL NAME <EMAIL@ADDRESS>PO-Revision-Date: 2013-02-25 21:21+0000Last-Translator: Vojta Stank <Unknown>Language-Team: Czech <cs@li.org>MIME-Version: 1.0Content-Type: text/plain; charset=UTF-8Content-Transfer-Encoding: 8bitX-Launchpad-Export-Date: 2021-11-15 11:21+0000X-Generator: Launchpad (build 57dd9ea1b48fdf744e285d99fb34fa0c21646cd0) [empty]
product:	Unknown
vendor:	Unknown
physical id:	0
serial:	Unknown
slot:	DIMM 0

id:	bank:1
description:	DIMM DDR4 Synchronous Unbuffered (Unregistered) 4000 MHz (0,2 ns)
product:	CMN32GX4M2Z4000C18
vendor:	Unknown
physical id:	1
serial:	00000000
slot:	DIMM 1

id: bank:1
size: 16GiB
width: 64 bits
clock: 4GHz (0.2ns)

id: bank:2
description: Project-Id-Version: lshwReport-Msgid-Bugs-To: FULL NAME <EMAIL@ADDRESS>PO-Revision-Date: 2013-02-25 21:21+0000Last-Translator: Vojta Stank <Unknown>Language-Team: Czech <cs@li.org>MIME-Version: 1.0Content-Type: text/plain; charset=UTF-8Content-Transfer-Encoding: 8bitX-Launchpad-Export-Date: 2021-11-15 11:21+0000X-Generator: Launchpad (build 57dd9ea1b48fdf744e285d99fb34fa0c21646cd0)Project-Id-Version: lshwReport-Msgid-Bugs-To: FULL NAME <EMAIL@ADDRESS>PO-Revision-Date: 2013-02-25 21:21+0000Last-Translator: Vojta Stank <Unknown>Language-Team: Czech <cs@li.org>MIME-Version: 1.0Content-Type: text/plain; charset=UTF-8Content-Transfer-Encoding: 8bitX-Launchpad-Export-Date: 2021-11-15 11:21+0000X-Generator: Launchpad (build 57dd9ea1b48fdf744e285d99fb34fa0c21646cd0) [empty]
product: Unknown
vendor: Unknown
physical id: 2
serial: Unknown
slot: DIMM 0

id: bank:3
description: DIMM DDR4 Synchronous Unbuffered (Unregistered) 4000 MHz (0,2 ns)
product: CMN32GX4M2Z4000C18
vendor: Unknown
physical id: 3
serial: 00000000
slot: DIMM 1
size: 16GiB
width: 64 bits
clock: 4GHz (0.2ns)

id: cache:0
description: L1 cache
physical id: d
slot: L1 - Cache
size: 512KiB
capacity: 512KiB
clock: 1GHz (1.0ns)
capabilities: *pipeline-burst internal write-back unified*
configuration: level = 1

id: cache:1
description: L2 cache
physical id: e
slot: L2 - Cache
size: 4MiB
capacity: 4MiB
clock: 1GHz (1.0ns)
capabilities: *pipeline-burst internal write-back unified*
configuration: level = 2

id: cache:2
description: L3 cache
physical id: f
slot: L3 - Cache
size: 32MiB
capacity: 32MiB
clock: 1GHz (1.0ns)
capabilities: *pipeline-burst internal write-back unified*
configuration: level = 3

id:	cpu
description:	CPU
product:	AMD Ryzen 7 5800X 8-Core Processor
vendor:	Advanced Micro Devices [AMD]
physical id:	10
bus info:	cpu@0
version:	25.33.0
serial:	Unknown
slot:	AM4
size:	2195MHz
capacity:	4850MHz
width:	64 bits
clock:	100MHz
capabilities:	<i>lm fpu_fpu_exception wp vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt pdpe1gb rdtscp x86-64 constant_tsc rep_good nopl nonstop_tsc cpuid extd_apicid aperf_mperf rapl pni pclmulqdq monitor ssse3 fma cx16 sse4_1 sse4_2 movbe popcnt aes xsave avx f16c rdrand lahf_lm cmp_legacy svm extapic cr8_legacy abm sse4a misalignsse 3dnowprefetch osvw ibs skinit wdt tce topoext perfctr_core perfctr_nb bpext perfctr_llc mwaitx cpb cat_l3 cdp_l3 hw_pstate ssbd mba ibrs ibpb stibp vmmcall fsgsbase bmi1 avx2 smep bmi2 erms invpcid cqm rdt_a rdseed adx smap clflushopt clwb sha_ni xsaveopt xsavec xgetbv1 xsaves cqm_llc cqm_occup_llc cqm_mbm_total cqm_mbm_local clzero irperf xsaveerptr rdpru wbnoinvd arat npt lbrv svm_lock nrip_save tsc_scale vmcb_clean flushbyasid decodeassists pausefilter pfthreshold avic v_vmsave_vmload vgif v_spec_ctrl umip pku ospke vaes vpclmulqdq rdpid overflow_recov succor smca fsrm cpufreq</i>
configuration:	cores = 8 enabledcores = 8 microcode = 169873430 threads = 16

id:	generic:0
description:	Non-Essential Instrumentation
product:	Starship/Matisse PCIe Dummy Function
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	2
bus info:	pci@0000:0a:00.0
version:	00
width:	32 bits
clock:	33MHz
capabilities:	<i>pm pciexpress cap_list</i>
configuration:	latency = 0

id:	generic:1
description:	Non-Essential Instrumentation
product:	Starship/Matisse Reserved SPP
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	0
bus info:	pci@0000:0b:00.0
version:	00
width:	32 bits
clock:	33MHz
capabilities:	<i>pm pciexpress cap_list</i>
configuration:	latency = 0

id:	generic:2
description:	Encryption controller
product:	Starship/Matisse Cryptographic Coprocessor PSPCPP
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	0.1
bus info:	pci@0000:0b:00.1
version:	00
width:	32 bits
clock:	33MHz
capabilities:	<i>pm pciexpress msi msix bus_master cap_list</i>

id: generic:2
configuration: driver = ccp
latency = 0
resources: irq : 99
memory : fca00000-fcafffff
memory : fcb08000-fcb09fff

id: usb
description: USB controller
product: Matisse USB 3.0 Host Controller
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 0.3
bus info: pci@0000:0b:00.3
version: 00
width: 64 bits
clock: 33MHz
capabilities: pm pciexpress msix msix xhci bus_master cap_list
configuration: driver = xhci_hcd
latency = 0
resources: irq : 88
memory : fc900000-fc9fffff

id: usbhost:0
product: xHCI Host Controller
vendor: Linux 5.15.0-18-generic xhci-hcd
physical id: 0
bus info: usb@5
logical name: usb5
version: 5.15
capabilities: usb-2.00
configuration: driver = hub
slots = 4
speed = 480Mbit/s

id: usbhost:1
product: xHCI Host Controller
vendor: Linux 5.15.0-18-generic xhci-hcd
physical id: 1
bus info: usb@6
logical name: usb6
version: 5.15
capabilities: usb-3.10
configuration: driver = hub
slots = 4
speed = 10000Mbit/s

id: multimedia
description: Audio device
product: Starship/Matisse HD Audio Controller
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 0.4
bus info: pci@0000:0b:00.4
logical name: card1
logical name: /dev/snd/controlC1
logical name: /dev/snd/hwC1D0
logical name: /dev/snd/pcmC1D0c
logical name: /dev/snd/pcmC1D0p
logical name: /dev/snd/pcmC1D1p
logical name: /dev/snd/pcmC1D2c
version: 00
width: 32 bits

id: multimedia
clock: 33MHz
capabilities: *pm pciexpress msi bus_master cap_list*
configuration: driver = snd_hda_intel
latency = 0
resources: irq : 104
memory : fcb00000-fcb07fff

id: input:0
product: HD-Audio Generic Front Mic
physical id: 0
logical name: input19
logical name: /dev/input/event17

id: input:1
product: HD-Audio Generic Rear Mic
physical id: 1
logical name: input20
logical name: /dev/input/event18

id: input:2
product: HD-Audio Generic Line
physical id: 2
logical name: input21
logical name: /dev/input/event19

id: input:3
product: HD-Audio Generic Line Out Front
physical id: 3
logical name: input22
logical name: /dev/input/event20

id: input:4
product: HD-Audio Generic Line Out Surround
physical id: 4
logical name: input23
logical name: /dev/input/event21

id: input:5
product: HD-Audio Generic Line Out CLFE
physical id: 5
logical name: input24
logical name: /dev/input/event22

```
id:          input:6
product:     HD-Audio Generic Front Headphone
physical id: 6
logical name: input25
logical name: /dev/input/event23
```

```
id: pci:0
description: Host bridge
product: Starship/Matisse Root Complex
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 100
bus info: pci@0000:00:00.0
version: 00
width: 32 bits
clock: 33MHz
```

```
id: generic
description: IOMMU
product: Starship/Matisse IOMMU
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 0.2
bus info: pci@0000:00:00.2
version: 00
width: 32 bits
clock: 33MHz
capabilities: msi ht cap_list
configuration: latency = 0
```

```
id: pci:0
description: PCI bridge
product: Starship/Matisse GPP Bridge
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 1.2
bus info: pci@0000:00:01.2
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 27
            ioport : c000(size=12288)
            memory : fc200000-fc8fffff
```

```
id: pci
description: PCI bridge
product: Matisse Switch Upstream
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 0
bus info: pci@0000:01:00.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 24
            ioport : c000(size=12288)
            memory : fc200000-fc8fffff
```

id: pci:0

description: PCI bridge

product: Matisse PCIe GPP Bridge

vendor: Advanced Micro Devices, Inc. [AMD]

physical id: a

bus info: pci@0000:02:0a.0

version: 00

width: 32 bits

clock: 33MHz

capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list

configuration: driver = pcieport

resources: irq : 39

memory : fc400000-fc4ffff

id: sata

description: SATA controller

product: FCH SATA Controller [AHCI mode]

vendor: Advanced Micro Devices, Inc. [AMD]

physical id: 0

bus info: pci@0000:08:00.0

logical name: scsi10

logical name: scsi11

logical name: scsi6

logical name: scsi7

version: 51

width: 32 bits

clock: 33MHz

capabilities: sata pm pciexpress msi ahci_1.0 bus_master cap_list emulated

configuration: driver = ahci

latency = 0

resources: irq : 67

memory : fc400000-fc4007ff

id: disk:0

description: ATA Disk

product: Patriot P210 1TB

physical id: 0

bus info: scsi@10:0.0.0

logical name: /dev/sdj

version: 8A0

serial: P210FBBA20101504362

size: 953GiB (1024GB)

capabilities: removable

configuration: ansiversion = 5

logicalsectorsize = 512

sectorsize = 512

id: medium

physical id: 0

logical name: /dev/sdj

size: 953GiB (1024GB)

capabilities: gpt-1.00 partitioned partitioned:gpt

configuration: guid = a3dba048-6ddb-46d0-92e4-89ff84ca3865

id: volume

description: /home partition

vendor: Solaris

physical id: 1

logical name: /dev/sdj1

serial: 7b43750a-5791-40d2-a84f-409cbaa034bf

capacity: 953GiB

```
id: volume:0
description: Windows FAT volume
vendor: mkfs.fat
physical id: 1
logical name: /dev/sdh1
logical name: /boot/efi
```


id:	volume:0
logical name:	/boot/grub
version:	FAT32
serial:	761b-08bf
size:	510MiB
capacity:	511MiB
capabilities:	<i>boot fat initialized</i>
configuration:	FATs = 2
	filesystem = fat
	label = EFI
	mount.fstype = vfat
	mount.options = rw,relatime,fmask=0022,dmask=0022,codepage=437,iocharset=iso8859-1,shortname=mixed,errors=remount-ro
	state = mounted

id:	volume:1
description:	RAID partition
vendor:	Linux
physical id:	2
logical name:	/dev/sdh2
serial:	f9eb39c2-ae97-4a1c-8cd1-ae6d121efb0
capacity:	10239MiB
capabilities:	<i>multi</i>

id:	volume:2
description:	boot partition
vendor:	Solaris
physical id:	3
logical name:	/dev/sdh3
serial:	b33f4373-f7a5-4f25-815c-07ad015d295d
capacity:	2047MiB
capabilities:	<i>boot</i>

id:	volume:3
description:	root partition
vendor:	Solaris
physical id:	4
logical name:	/dev/sdh4
serial:	87de5dbb-6e49-4c4a-ae2a-25f39ec14cae
capacity:	99GiB

id:	volume:4
description:	BIOS Boot partition
vendor:	EFI
physical id:	5
logical name:	/dev/sdh5
serial:	e93e5de2-8c12-4986-b57b-c6e8fa514c9d
capacity:	999KiB
capabilities:	<i>no fs</i>

id:	disk:3
description:	ATA Disk
product:	KINGSTON SA400S3
physical id:	3
bus info:	scsi@7:0.0.0
logical name:	/dev/sdi

id:	disk:3
version:	71E0
serial:	50026B767C002F84
size:	111GiB (120GB)
capabilities:	<i>removable</i>
configuration:	ansiversion = 5
	logicalsectorsize = 512
	sectorsize = 512

id:	medium
physical id:	0
logical name:	/dev/sdi
size:	111GiB (120GB)
capabilities:	<i>gpt-1.00 partitioned partitioned:gpt</i>
configuration:	guid = 04645cf4-2b9b-4df2-b3d5-2f9acdb72c59

id:	volume:0
description:	Windows FAT volume
vendor:	mkfs.fat
physical id:	1
logical name:	/dev/sdi1
version:	FAT32
serial:	761b-08bf
size:	510MiB
capacity:	511MiB
capabilities:	<i>boot fat initialized</i>
configuration:	FATs = 2
	filesystem = fat
	label = EFI

id:	volume:1
description:	RAID partition
vendor:	Linux
physical id:	2
logical name:	/dev/sdi2
serial:	aa1763b3-27db-4d68-9155-6ec61f1fb257
capacity:	10239MiB
capabilities:	<i>multi</i>

id:	volume:2
description:	boot partition
vendor:	Solaris
physical id:	3
logical name:	/dev/sdi3
serial:	e18b505c-381b-412a-9a9d-6c49639471d6
capacity:	2047MiB
capabilities:	<i>boot</i>

id:	volume:3
description:	root partition
vendor:	Solaris
physical id:	4
logical name:	/dev/sdi4
serial:	1b2efda1-a3d5-4634-a7fa-d6680fd261f9
capacity:	99GiB

id:	volume:4
description:	BIOS Boot partition
vendor:	EFI
physical id:	5
logical name:	/dev/sdi5
serial:	ede6dd8f-db91-49b1-a2c2-5d94f0b928fe
capacity:	999KiB
capabilities:	<i>no fs</i>

id:	pci:1
description:	PCI bridge
product:	Matisse PCIe GPP Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	2
bus info:	pci@0000:02:02.0
version:	00
width:	32 bits
clock:	33MHz
capabilities:	<i>pci pm pciexpress msi ht normal_decode bus_master cap_list</i>
configuration:	driver = pcieport
resources:	irq : 32 ioport : e000(size=4096) memory : fc800000-fc8ffff

id:	network
description:	Ethernet interface
product:	82572EI Gigabit Ethernet Controller (Copper)
vendor:	Intel Corporation
physical id:	0
bus info:	pci@0000:03:00.0
logical name:	enp3s0
version:	06
serial:	00:1b:21:12:25:d9
capacity:	1Gbit/s
width:	32 bits
clock:	33MHz
capabilities:	<i>pm msi pciexpress bus_master cap_list rom ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation</i>
configuration:	autonegotiation = on broadcast = yes driver = e1000e driverversion = 5.15.0-18-generic firmware = 5.11-10 latency = 0 link = no multicast = yes port = twisted pair
resources:	irq : 40 memory : fc840000-fc85ffff memory : fc820000-fc83ffff ioport : e000(size=32) memory : fc800000-fc81ffff

id:	pci:2
description:	PCI bridge
product:	Matisse PCIe GPP Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	4
bus info:	pci@0000:02:04.0
version:	00

id: pci:2
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 33
ioport : d000(size=4096)
memory : fc700000-fc7fffff

id: network
description: Ethernet interface
product: I211 Gigabit Network Connection
vendor: Intel Corporation
physical id: 0
bus info: pci@0000:04:00.0
logical name: enp4s0
version: 03
serial: 18:c0:4d:97:72:32
size: 1Gbit/s
capacity: 1Gbit/s
width: 32 bits
clock: 33MHz
capabilities: pm msi msix pciexpress bus_master cap_list ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd 1000bt-fd autonegotiation
configuration: autonegotiation = on
broadcast = yes
driver = igb
driverversion = 5.15.0-18-generic
duplex = full
firmware = 0. 6-1
ip = 10.43.16.3
latency = 0
link = yes
multicast = yes
port = twisted pair
speed = 1Gbit/s
resources: irq : 24
memory : fc700000-fc71ffff
ioport : d000(size=32)
memory : fc720000-fc723fff

id: pci:3
description: PCI bridge
product: Matisse PCIe GPP Bridge
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 5
bus info: pci@0000:02:05.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 34
ioport : c000(size=4096)
memory : fc600000-fc6fffff

id: sata
description: SATA controller
product: ASM1062 Serial ATA Controller
vendor: ASMedia Technology Inc.
physical id: 0
bus info: pci@0000:05:00.0
logical name: scsi0
version: 02

id: sata
width: 32 bits
clock: 33MHz
capabilities: sata msi pm pciexpress ahci_1.0 bus_master cap_list rom emulated
configuration: driver = ahci
latency = 0
resources: irq : 42
ioport : c050(size=8)
ioport : c040(size=4)
ioport : c030(size=8)
ioport : c020(size=4)
ioport : c000(size=32)
memory : fc610000-fc6101ff
memory : fc600000-fc60ffff

id: cdrom
description: DVD-RAM writer
product: BC-12B1ST
vendor: ASUS
physical id: 0.0.0
bus info: scsi@0:0.0.0
logical name: /dev/cdrom
logical name: /dev/sr0
version: 1.02
capabilities: removable audio cd-r cd-rw dvd dvd-r dvd-ram
configuration: ansiversion = 5
status = nodisc

id: pci:4
description: PCI bridge
product: Matisse PCIe GPP Bridge
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 8
bus info: pci@0000:02:08.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 35
memory : fc200000-fc3fffff

id: generic
description: Non-Essential Instrumentation
product: Starship/Matisse Reserved SPP
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 0
bus info: pci@0000:06:00.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pm pciexpress cap_list
configuration: latency = 0

id: usb:0
description: USB controller
product: Matisse USB 3.0 Host Controller
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 0.1
bus info: pci@0000:06:00.1
version: 00

id: usb:0
width: 64 bits
clock: 33MHz
capabilities: *pm pciexpress msi xhci bus_master cap_list*
configuration: driver = xhci_hcd
latency = 0
resources: irq : 41
memory : fc300000-fc3ffff

id: usbhost:0
product: xHCI Host Controller
vendor: Linux 5.15.0-18-generic xhci-hcd
physical id: 0
bus info: usb@1
logical name: usb1
version: 5.15
capabilities: *usb-2.00*
configuration: driver = hub
slots = 6
speed = 480Mbit/s

id: usb:0
description: USB hub
product: USB2.0 Hub
vendor: Genesys Logic, Inc.
physical id: 3
bus info: usb@1:3
version: 85.36
capabilities: *usb-2.00*
configuration: driver = hub
maxpower = 100mA
slots = 4
speed = 480Mbit/s

id: usb:0
description: Keyboard
product: SEMICO USB Keyboard
vendor: SEMICO
physical id: 1
bus info: usb@1:3.1
logical name: input3
logical name: /dev/input/event3
logical name: input3::capslock
logical name: input3::compose
logical name: input3::kana
logical name: input3::numlock
logical name: input3::scrolllock
logical name: input4
logical name: /dev/input/event4
logical name: input5
logical name: /dev/input/event5
logical name: input7
logical name: /dev/input/event6
version: 1.10
capabilities: *usb-1.10 usb*
configuration: driver = usbhid
maxpower = 100mA
speed = 1Mbit/s

id: usb:1
description: Video
product: USB : USB
vendor: USB

id: usb:1
physical id: 2
bus info: usb@1:3.2
logical name: input26
logical name: /dev/input/event24
version: 1.00
serial: Demo 1.00
capabilities: *usb-2.00 usb*
configuration: driver = uvcvideo
maxpower = 200mA
speed = 480Mbit/s

id: usb:2
description: Mouse
product: Razer Razer Mamba Charging dock Keyboard
vendor: Razer
physical id: 3
bus info: usb@1:3.3
logical name: input8
logical name: /dev/input/event7
logical name: /dev/input/mouse0
logical name: input9
logical name: /dev/input/event8
version: 2.00
capabilities: *usb-2.00 usb*
configuration: driver = usbhid
maxpower = 100mA
speed = 12Mbit/s

id: usb:1
description: Keyboard
product: ITE Device(8595)
vendor: ITE Tech. Inc.
physical id: 4
bus info: usb@1:4
version: 0.03
capabilities: *usb-2.00*
configuration: driver = usbhid
maxpower = 100mA
speed = 12Mbit/s

id: usbhost:1
product: xHCI Host Controller
vendor: Linux 5.15.0-18-generic xhci-hcd
physical id: 1
bus info: usb@2
logical name: usb2
version: 5.15
capabilities: *usb-3.10*
configuration: driver = hub
slots = 4
speed = 10000Mbit/s

id: usb:1
description: USB controller
product: Matisse USB 3.0 Host Controller
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 0.3
bus info: pci@0000:06:00.3

id: usb:1
version: 00
width: 64 bits
clock: 33MHz
capabilities: *pm pciexpress msi msix xhci bus_master cap_list*
configuration: driver = xhci_hcd
latency = 0
resources: irq : 38
memory : fc200000-fc2fffff

id: usbhost:0
product: xHCI Host Controller
vendor: Linux 5.15.0-18-generic xhci-hcd
physical id: 0
bus info: usb@3
logical name: usb3
version: 5.15
capabilities: *usb-2.00*
configuration: driver = hub
slots = 6
speed = 480Mbit/s

id: usb:0
description: Keyboard
product: Aisa Expert Wireless Audio
vendor: Aisa Expert
physical id: 2
bus info: usb@3:2
logical name: card2
logical name: /dev/snd/controlC2
logical name: /dev/snd/pcmC2D0c
logical name: /dev/snd/pcmC2D0p
logical name: input2
logical name: /dev/input/event2
version: 10.00
capabilities: *usb-1.10 usb*
configuration: driver = snd-usb-audio
maxpower = 200mA
speed = 12Mbit/s

id: usb:1
description: USB hub
product: USB2.0 Hub
vendor: Genesys Logic, Inc.
physical id: 6
bus info: usb@3:6
version: 85.36
capabilities: *usb-2.00*
configuration: driver = hub
maxpower = 100mA
slots = 4
speed = 480Mbit/s

id: usb
description: USB hub
product: BCM2070B0
vendor: Broadcom
physical id: 4
bus info: usb@3:6.4
version: 1.00
capabilities: *usb-2.00*

id: usb
configuration: driver = hub
maxpower = 94mA
slots = 3
speed = 12Mbit/s

id: usb:0
description: Keyboard
product: HID 0a5c:4502
vendor: Broadcom Corp.
physical id: 1
bus info: usb@3:6.4.1
logical name: input10
logical name: /dev/input/event9
logical name: input10::capslock
logical name: input10::numlock
logical name: input10::scrolllock
version: 1.00
capabilities: *usb-2.00 usb*
configuration: driver = usbhid
maxpower = 2mA
speed = 12Mbit/s

id: usb:1
description: Mouse
product: HID 0a5c:4503 Mouse
vendor: Broadcom Corp.
physical id: 2
bus info: usb@3:6.4.2
logical name: input11
logical name: /dev/input/event10
logical name: /dev/input/mouse1
version: 1.00
capabilities: *usb-2.00 usb*
configuration: driver = usbhid
maxpower = 2mA
speed = 12Mbit/s

id: usb:2
description: Bluetooth wireless interface
product: Broadcom Bluetooth 3.0 Device
vendor: Broadcom Corp
physical id: 3
bus info: usb@3:6.4.3
version: 6.81
serial: 001A7D0AC232
capabilities: *bluetooth usb-2.00*
configuration: driver = btusb
maxpower = 100mA
speed = 12Mbit/s

id: usbhost:1
product: xHCI Host Controller
vendor: Linux 5.15.0-18-generic xhci-hcd
physical id: 1
bus info: usb@4
logical name: usb4
version: 5.15
capabilities: *usb-3.10*

id:
configuration:

usbhost:1
driver = hub
slots = 4
speed = 10000Mbit/s

id:
description:
product:
vendor:
physical id:
bus info:
logical name:
version:
serial:
capabilities:
configuration:

usb
Mass storage device
USB3.0 Card Reader
Realtek
1
usb@4:1
scsi12
1.18
201601060924
usb-3.00 scsi emulated scsi-host
driver = usb-storage
maxpower = 800mA
speed = 5000Mbit/s

id:
description:
product:
vendor:
physical id:
bus info:
logical name:
version:
serial:
capabilities:
configuration:

disk:0
SCSI Disk
USB3.0 CRW-CF/MD
Generic-
0.0.0
scsi@12:0.0.0
/dev/sda
1.00
2012062914345300
removable
ansiversion = 6
logicalsectorsize = 512
sectorsize = 512

id:
physical id:
logical name:

medium
0
/dev/sda

id:
description:
product:
vendor:
physical id:
bus info:
logical name:
version:
serial:
capabilities:
configuration:

disk:1
SCSI Disk
USB3.0 CRW-SM/xD
Generic-
0.0.1
scsi@12:0.0.1
/dev/sdb
1.00
2012062914345300
removable
ansiversion = 6
logicalsectorsize = 512
sectorsize = 512

id:
physical id:
logical name:

medium
0
/dev/sdb

```

id: disk:2
description: SCSI Disk
product: USB3.0 CRW-SD
vendor: Generic-
physical id: 0.0.2
bus info: scsi@12:0.0.2
logical name: /dev/sdc
version: 1.00
serial: 2012062914345300
capabilities: removable
configuration:
    ansiversion = 6
    logicalsectorsize = 512
    sectorsize = 512

```

```
id:          medium
physical
id:          0
logical
name:        /dev/sdc
```

```

id: disk:3
description: SCSI Disk
product: USB3.0 CRW-MS
vendor: Generic-
physical id: 0.0.3
bus info: scsi@12:0.0.3
logical name: /dev/sdd
version: 1.00
serial: 2012062914345300
capabilities: removable
configuration:
    ansiversion = 6
    logicalsectorsize = 512
    sectorsize = 512

```

```
id:          medium
physical
id:          0
logical
name:        /dev/sdd
```

```

id: disk:4
description: SCSI Disk
product: USB3.0 CRW-SD/MS
vendor: Generic-
physical id: 0.0.4
bus info: scsi@12:0.0.4
logical name: /dev/sde
version: 1.00
serial: 2012062914345300
capabilities: removable
configuration:
    ansiversion = 6
    logicalsectorsize = 512
    sectorsize = 512

```

```
id:          medium
physical
id:          0
logical
name:        /dev/sde
```

```
id: pci:5
description: PCI bridge
product: Matisse PCIe GPP Bridge
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 9
bus info: pci@0000:02:09.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 37
memory : fc500000-fc5fffff
```

```

id:          sata
description: SATA controller
product:    FCH SATA Controller [AHCI mode]
vendor:     Advanced Micro Devices, Inc. [AMD]
physical id: 0
bus info:   pci@0000:07:00.0
logical name: scsi4
logical name: scsi5
version:    51
width:      32 bits
clock:      33MHz
capabilities: sata pm pciexpress msi ahci_1.0 bus_master cap_list emulated
configuration: driver = ahci
                   latency = 0
resources:   irq      : 43
                   memory  : fc500000-fc5007ff

```

```
id: disk:0
description: ATA Disk
product: Patriot Flare
physical id: 0
bus info: scsi@4:0.0.0
logical name: /dev/sdf
version: 21.1
serial: A45E0777168000099329
size: 55GiB (60GB)
capabilities: removable
configuration: ansiversion = 5
                logicalsectorsize = 512
                sectorsize = 512
```

```
id:                medium
physical id:       0
logical name:      /dev/sdf
size:              55GiB (60GB)
capabilities:      partitioned partitioned:dos
configuration:     signature = 841286fd
```

```
id: volume
description: Linux swap volume
physical id: 1
logical name: /dev/sdf1
version: 1
serial: 6f4dc4e8-6fab-4f6e-97ed-d3f7b0f9816f
size: 55GiB
capacity: 55GiB
```

id: volume
capabilities: *primary nofs swap initialized*
configuration: filesystem = swap
pagesize = 4096

id: disk:1
description: ATA Disk
product: WDC WD10EZEX-21W
vendor: Western Digital
physical id: 1
bus info: scsi@5:0.0.0
logical name: /dev/sdg
version: 1A01
serial: WCC6Y0XK5J9R
size: 931GiB (1TB)
capabilities: *removable*
configuration: ansiversion = 5
logicalsectorsize = 512
sectorsize = 4096

id: medium
physical id: 0
logical name: /dev/sdg
size: 931GiB (1TB)
capabilities: *gpt-1.00 partitioned partitioned:gpt*
configuration: guid = 096abba8-659b-4da5-af2a-00b1b9fa6999

id: volume
description: /home partition
vendor: Solaris
physical id: 1
logical name: /dev/sdg1
serial: 9015c2ad-652c-4ecb-9d6b-b5a6df349da1
capacity: 931GiB

id: pci:1
description: PCI bridge
product: Starship/Matisse GPP Bridge
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 3.1
bus info: pci@0000:00:03.1
version: 00
width: 32 bits
clock: 33MHz
capabilities: *pci pm pciexpress msi ht normal_decode bus_master cap_list*
configuration: driver = pcieport
resources: irq : 28
ioport : f000(size=4096)
memory : fb000000-fc0fffff
ioport : d0000000(size=301989888)

id: display
description: VGA compatible controller
product: TU117 [GeForce GTX 1650]
vendor: NVIDIA Corporation

id: display
physical id: 0
bus info: pci@0000:09:00.0
version: a1
width: 64 bits
clock: 33MHz
capabilities: pm msi pciexpress vga_controller bus_master cap_list rom
configuration: driver = nvidia
latency = 0
resources: irq : 98
memory : fb000000-fbffffff
memory : d0000000-dfffffff
memory : e0000000-e1ffffff
ioport : f000(size=128)
memory : c0000-dfff

id: multimedia
description: Audio device
product: NVIDIA Corporation
vendor: NVIDIA Corporation
physical id: 0.1
bus info: pci@0000:09:00.1
logical name: card0
logical name: /dev/snd/controlC0
logical name: /dev/snd/hwC0D0
logical name: /dev/snd/pcmC0D10p
logical name: /dev/snd/pcmC0D11p
logical name: /dev/snd/pcmC0D3p
logical name: /dev/snd/pcmC0D7p
logical name: /dev/snd/pcmC0D8p
logical name: /dev/snd/pcmC0D9p
version: a1
width: 32 bits
clock: 33MHz
capabilities: pm msi pciexpress bus_master cap_list
configuration: driver = snd_hda_intel
latency = 0
resources: irq : 102
memory : fc080000-fc083fff

id: input:0
product: HDA NVidia HDMI/DP,pcm=3
physical id: 0
logical name: input13
logical name: /dev/input/event11

id: input:1
product: HDA NVidia HDMI/DP,pcm=7
physical id: 1
logical name: input14
logical name: /dev/input/event12

id: input:2
product: HDA NVidia HDMI/DP,pcm=8
physical id: 2
logical name: input15

id: input:2
logical name: /dev/input/event13

id: input:3
product: HDA NVidia HDMI/DP,pcm=9
physical id: 3
logical name: input16
logical name: /dev/input/event14

id: input:4
product: HDA NVidia HDMI/DP,pcm=10
physical id: 4
logical name: input17
logical name: /dev/input/event15

id: input:5
product: HDA NVidia HDMI/DP,pcm=11
physical id: 5
logical name: input18
logical name: /dev/input/event16

id: pci:2
description: PCI bridge
product: Starship/Matisse Internal PCIe GPP Bridge 0 to bus[E:B]
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 7.1
bus info: pci@0000:00:07.1
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 30

id: pci:3
description: PCI bridge
product: Starship/Matisse Internal PCIe GPP Bridge 0 to bus[E:B]
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 8.1
bus info: pci@0000:00:08.1
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master cap_list
configuration: driver = pcieport
resources: irq : 31
memory : fc900000-fcbffff

id:	serial
description:	SMBus
product:	FCH SMBus Controller
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	14
bus info:	pci@0000:00:14.0
version:	61
width:	32 bits
clock:	66MHz
configuration:	driver = piix4_smbus latency = 0
resources:	irq : 0

id:	isa
description:	ISA bridge
product:	FCH LPC Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	14.3
bus info:	pci@0000:00:14.3
version:	51
width:	32 bits
clock:	66MHz
capabilities:	isa bus_master
configuration:	latency = 0

id:	pnp00:00
product:	PnP device PNP0c01
physical id:	0
capabilities:	pnp
configuration:	driver = system

id:	pnp00:01
product:	PnP device PNP0c02
physical id:	1
capabilities:	pnp
configuration:	driver = system

id:	pnp00:02
product:	PnP device PNP0b00
physical id:	2
capabilities:	pnp
configuration:	driver = rtc_cmos

id:	pnp00:03
product:	PnP device PNP0c02
physical id:	3
capabilities:	pnp
configuration:	driver = system

id:	pnp00:04
product:	PnP device PNP0c02
physical id:	4
capabilities:	pnp
configuration:	driver = system

id:	pci:1
description:	Host bridge
product:	Starship/Matisse PCIe Dummy Host Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	101
bus info:	pci@0000:00:01.0
version:	00
width:	32 bits
clock:	33MHz

id:	pci:2
description:	Host bridge
product:	Starship/Matisse PCIe Dummy Host Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	102
bus info:	pci@0000:00:02.0
version:	00
width:	32 bits
clock:	33MHz

id:	pci:3
description:	Host bridge
product:	Starship/Matisse PCIe Dummy Host Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	103
bus info:	pci@0000:00:03.0
version:	00
width:	32 bits
clock:	33MHz

id:	pci:4
description:	Host bridge
product:	Starship/Matisse PCIe Dummy Host Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	104
bus info:	pci@0000:00:04.0
version:	00
width:	32 bits
clock:	33MHz

id:	pci:5
description:	Host bridge
product:	Starship/Matisse PCIe Dummy Host Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	105
bus info:	pci@0000:00:05.0
version:	00
width:	32 bits
clock:	33MHz

id:	pci:6
description:	Host bridge
product:	Starship/Matisse PCIe Dummy Host Bridge
vendor:	Advanced Micro Devices, Inc. [AMD]
physical id:	106
bus info:	pci@0000:00:07.0
version:	00
width:	32 bits
clock:	33MHz

id: pci:7
description: Host bridge
product: Starship/Matisse PCIe Dummy Host Bridge
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 107
bus info: pci@0000:00:08.0
version: 00
width: 32 bits
clock: 33MHz

id: pci:8
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 0
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 108
bus info: pci@0000:00:18.0
version: 00
width: 32 bits
clock: 33MHz

id: pci:9
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 1
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 109
bus info: pci@0000:00:18.1
version: 00
width: 32 bits
clock: 33MHz

id: pci:10
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 2
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 10a
bus info: pci@0000:00:18.2
version: 00
width: 32 bits
clock: 33MHz

id: pci:11
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 3
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 10b
bus info: pci@0000:00:18.3
version: 00
width: 32 bits
clock: 33MHz
configuration: driver = k10temp
resources: irq : 0

id: pci:12
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 4
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 10c

id: pci:12
bus info: pci@0000:00:18.4
version: 00
width: 32 bits
clock: 33MHz

id: pci:13
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 5
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 10d
bus info: pci@0000:00:18.5
version: 00
width: 32 bits
clock: 33MHz

id: pci:14
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 6
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 10e
bus info: pci@0000:00:18.6
version: 00
width: 32 bits
clock: 33MHz

id: pci:15
description: Host bridge
product: Matisse/Vermeer Data Fabric: Device 18h; Function 7
vendor: Advanced Micro Devices, Inc. [AMD]
physical id: 10f
bus info: pci@0000:00:18.7
version: 00
width: 32 bits
clock: 33MHz

id: graphics
product: EFI VGA
physical id: 1
logical name: /dev/fb0
capabilities: fb
configuration: depth = 32
resolution = 1024,768

id: input:0
product: Power Button
physical id: 2
logical name: input0
logical name: /dev/input/event0
capabilities: platform

id: input:1
product: Power Button
physical id: 3
logical name: input1

id: input:1
logical name: /dev/input/event1
capabilities: platform