

lshw

Keluaran dari perintah sudo lshw :

```
studio
  description: Notebook
  product: A0722 (123456789)
  vendor: Acer
  version: V1.08
  serial: LUSFT0C042211096E43400
  width: 32 bits
  capabilities: smbios-2.7 dmi-2.7 smp-1.4 smp
  configuration: boot=normal chassis=notebook cpus=1 family=Type1Family
sku=123456789 uuid=952BE230-64FD-11E1-B0EC-DC0EA15BDEFE
*-core
  description: Motherboard
  product: JE10-BZ
  vendor: Acer
  physical id: 0
  version: Base Board Version
  serial: Base Board Serial Number
  slot: Base Board Chassis Location
*-firmware
  description: BIOS
  vendor: Acer
  physical id: 0
  version: V1.08
  date: 12/06/2011
  size: 1MiB
  capacity: 1984KiB
  capabilities: pci upgrade shadowing cdboot bootselect socketedrom
edd int13floppyec int13floppytoshiba int13floppy360 int13floppy1200
int13floppy720 int13floppy2880 int9keyboard int10video acpi usb
*-memory
  description: System Memory
  physical id: 24
  slot: System board or motherboard
  size: 2GiB
  capacity: 2GiB
*-bank:0
  description: SODIMM DDR3 Synchronous 1066 MHz (0,9 ns)
  product: NT2GC64B88G0NS-CG
  vendor: Nanya Technology
  physical id: 0
  serial: 535E050F
  slot: DIMM0
  size: 2GiB
  width: 8 bits
  clock: 1066MHz (0.9ns)
*-bank:1
```

```
description: SODIMM Synchronous [empty]
physical id: 1
slot: DIMM1
width: 8 bits
*-cpu
description: CPU
product: AMD C-60 APU with Radeon(tm) HD Graphics
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 2c
bus info: cpu@0
version: 15.2.0
serial: NotSupport
slot: Socket FT1
size: 800MHz
capacity: 1GHz
width: 64 bits
clock: 100MHz
capabilities: x86-64 boot 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 constant_tsc nonstop_tsc
extd_apicid aperfmpperf pni monitor ssse3 cx16 popcnt lahf_lm cmp_legacy svm
extapic cr8_legacy abm sse4a misalignsse 3dnowprefetch ibs skinit wdt arat
cpb npt lbrv svm_lock nrip_save pausefilter cpufreq
configuration: cores=2 enabledcores=2 threads=2
*-cache:0
description: L1 cache
physical id: 0
size: 64KiB
*-cache:1
description: L2 cache
physical id: 1
size: 512KiB
*-cache:0
description: L1 cache
physical id: 2d
slot: L1 Cache
size: 128KiB
capacity: 128KiB
capabilities: pipeline-burst internal write-back unified
*-cache:1
description: L2 cache
physical id: 2e
slot: L2 Cache
size: 1MiB
capacity: 1MiB
capabilities: pipeline-burst internal write-back unified
*-pci:0
description: Host bridge
product: Family 14h Processor Root Complex
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 100
```

```
bus info: pci@0000:00:00.0
version: 00
width: 32 bits
clock: 66MHz
*-display
  description: VGA compatible controller
  product: Wrestler [Radeon HD 6290]
  vendor: Hynix Semiconductor (Hyundai Electronics)
  physical id: 1
  bus info: pci@0000:00:01.0
  version: 00
  width: 32 bits
  clock: 33MHz
  capabilities: pm pciexpress msi vga_controller bus_master
cap_list rom
  configuration: driver=radeon latency=0
  resources: irq:40 memory:80000000-8fffffff
ioport:4000(size=256) memory:90400000-9043ffff
*-multimedia:0
  description: Audio device
  product: Wrestler HDMI Audio [Radeon HD 6250/6310]
  vendor: Hynix Semiconductor (Hyundai Electronics)
  physical id: 1.1
  bus info: pci@0000:00:01.1
  version: 00
  width: 32 bits
  clock: 33MHz
  capabilities: pm pciexpress msi bus_master cap_list
  configuration: driver=snd_hda_intel latency=0
  resources: irq:41 memory:90444000-90447fff
*-storage
  description: SATA controller
  product: SB7x0/SB8x0/SB9x0 SATA Controller [AHCI mode]
  vendor: Hynix Semiconductor (Hyundai Electronics)
  physical id: 11
  bus info: pci@0000:00:11.0
  logical name: scsi0
  version: 00
  width: 32 bits
  clock: 66MHz
  capabilities: storage ahci_1.0 bus_master cap_list emulated
  configuration: driver=ahci latency=64
  resources: irq:19 ioport:4118(size=8) ioport:4124(size=4)
ioport:4110(size=8) ioport:4120(size=4) ioport:4100(size=16)
memory:9044c000-9044c3ff
*-disk
  description: ATA Disk
  product: WDC WD3200BPVT-2
  vendor: Western Digital
  physical id: 0.0.0
  bus info: scsi@0:0.0.0
```

```
logical name: /dev/sda
version: 01.0
serial: WD-WX51C12U8843
size: 298GiB (320GB)
capabilities: partitioned partitioned:dos
configuration: ansversion=5 signature=1795d527
*-volume
  description: Extended partition
  physical id: 1
  bus info: scsi@0:0.0.0,1
  logical name: /dev/sda1
  size: 298GiB
  capacity: 298GiB
  capabilities: primary extended partitioned
partitioned:extended
  *-logicalvolume:0
    description: Linux filesystem partition
    physical id: 5
    logical name: /dev/sda5
    logical name: /mnt/ombilin
    capacity: 19GiB
    configuration: mount.fstype=ext4
mount.options=rw,relatime,user_xattr,barrier=1,data=ordered state=mounted
  *-logicalvolume:1
    description: Linux filesystem partition
    physical id: 6
    logical name: /dev/sda6
    logical name: /mnt/slackware
    capacity: 20GiB
    configuration: mount.fstype=ext4
mount.options=rw,relatime,user_xattr,acl,barrier=1,data=ordered
state=mounted
  *-logicalvolume:2
    description: Linux swap / Solaris partition
    physical id: 7
    logical name: /dev/sda7
    capacity: 2000MiB
    capabilities: nofs
  *-logicalvolume:3
    description: Linux filesystem partition
    physical id: 8
    logical name: /dev/sda8
    logical name: /
    capacity: 20GiB
    configuration: mount.fstype=ext4
mount.options=rw,relatime,errors=remount-
ro,user_xattr,acl,barrier=1,data=ordered state=mounted
  *-logicalvolume:4
    description: Linux filesystem partition
    physical id: 9
    logical name: /dev/sda9
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```
        logical name: /mnt/home
        capacity: 235GiB
        configuration: mount.fstype=ext4
mount.options=rw,relatime,user_xattr,acl,barrier=1,data=ordered
state=mounted
*-usb:0
  description: USB controller
  product: SB7x0/SB8x0/SB9x0 USB OHCI0 Controller
  vendor: Hynix Semiconductor (Hyundai Electronics)
  physical id: 12
  bus info: pci@0000:00:12.0
  version: 00
  width: 32 bits
  clock: 66MHz
  capabilities: ohci bus_master
  configuration: driver=ohci_hcd latency=64
  resources: irq:18 memory:9044b000-9044bfff
*-usb:1
  description: USB controller
  product: SB7x0/SB8x0/SB9x0 USB EHCI Controller
  vendor: Hynix Semiconductor (Hyundai Electronics)
  physical id: 12.2
  bus info: pci@0000:00:12.2
  version: 00
  width: 32 bits
  clock: 66MHz
  capabilities: pm debug ehci bus_master cap_list
  configuration: driver=ehci_hcd latency=64
  resources: irq:17 memory:9044a000-9044a0ff
*-usb:2
  description: USB controller
  product: SB7x0/SB8x0/SB9x0 USB OHCI0 Controller
  vendor: Hynix Semiconductor (Hyundai Electronics)
  physical id: 13
  bus info: pci@0000:00:13.0
  version: 00
  width: 32 bits
  clock: 66MHz
  capabilities: ohci bus_master
  configuration: driver=ohci_hcd latency=64
  resources: irq:18 memory:90449000-90449fff
*-usb:3
  description: USB controller
  product: SB7x0/SB8x0/SB9x0 USB EHCI Controller
  vendor: Hynix Semiconductor (Hyundai Electronics)
  physical id: 13.2
  bus info: pci@0000:00:13.2
  version: 00
  width: 32 bits
  clock: 66MHz
  capabilities: pm debug ehci bus_master cap_list
```

```
configuration: driver=ehci_hcd latency=64
resources: irq:17 memory:90448000-904480ff
*-serial
description: SMBus
product: SBx00 SMBus Controller
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 14
bus info: pci@0000:00:14.0
version: 42
width: 32 bits
clock: 66MHz
configuration: driver=piix4_smbus latency=0
resources: irq:0
*-multimedia:1
description: Audio device
product: SBx00 Azalia (Intel HDA)
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 14.2
bus info: pci@0000:00:14.2
version: 40
width: 64 bits
clock: 33MHz
capabilities: pm bus_master cap_list
configuration: driver=snd_hda_intel latency=64
resources: irq:16 memory:90440000-90443fff
*-isa
description: ISA bridge
product: SB7x0/SB8x0/SB9x0 LPC host controller
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 14.3
bus info: pci@0000:00:14.3
version: 40
width: 32 bits
clock: 66MHz
capabilities: isa bus_master
configuration: latency=0
*-pci:0
description: PCI bridge
product: SBx00 PCI to PCI Bridge
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 14.4
bus info: pci@0000:00:14.4
version: 40
width: 32 bits
clock: 66MHz
capabilities: pci subtractive_decode bus_master
*-pci:1
description: PCI bridge
product: SB700/SB800/SB900 PCI to PCI bridge (PCIE port 0)
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 15
```

```
bus info: pci@0000:00:15.0
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master
cap_list
configuration: driver=pcieport
resources: irq:16 ioport:3000(size=4096)
memory:90300000-903ffffff ioport:90000000(size=1048576)
*-pci:2
description: PCI bridge
product: SB900 PCI to PCI bridge (PCIE port 2)
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 15.2
bus info: pci@0000:00:15.2
version: 00
width: 32 bits
clock: 33MHz
capabilities: pci pm pciexpress msi ht normal_decode bus_master
cap_list
configuration: driver=pcieport
resources: irq:16 ioport:2000(size=4096)
memory:90200000-902ffffff
*-network
description: Ethernet interface
product: AR8152 v2.0 Fast Ethernet
vendor: Atheros Communications Inc.
physical id: 0
bus info: pci@0000:06:00.0
logical name: eth0
version: c1
serial: dc:0e:a1:5b:de:fe
capacity: 100Mbit/s
width: 64 bits
clock: 33MHz
capabilities: pm msi pciexpress vpd bus_master cap_list
ethernet physical tp 10bt 10bt-fd 100bt 100bt-fd autonegotiation
configuration: autonegotiation=on broadcast=yes driver=atl1c
driverversion=1.0.1.0-NAPI firmware=N/A latency=0 link=no multicast=yes
port=twisted pair
resources: irq:42 memory:90200000-9023ffff
ioport:2000(size=128)
*-pci:3
description: PCI bridge
product: SB900 PCI to PCI bridge (PCIE port 3)
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 15.3
bus info: pci@0000:00:15.3
version: 00
width: 32 bits
clock: 33MHz
```

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capabilities: pci pm pciexpress msi ht normal_decode bus_master
cap_list
configuration: driver=pcieport
resources: irq:16 memory:90100000-901fffff
*-network DISABLED
description: Wireless interface
product: BCM4313 802.11b/g/n Wireless LAN Controller
vendor: Broadcom Corporation
physical id: 0
bus info: pci@0000:07:00.0
logical name: eth1
version: 01
serial: c0:18:85:5a:94:6f
width: 64 bits
clock: 33MHz
capabilities: pm msi pciexpress bus_master cap_list ethernet
physical wireless
configuration: broadcast=yes driver=wlo
driverversion=5.100.82.38 latency=0 multicast=yes wireless=IEEE 802.11
resources: irq:19 memory:90100000-90103fff
*-pci:1
description: Host bridge
product: Family 12h/14h Processor Function 0
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 101
bus info: pci@0000:00:18.0
version: 43
width: 32 bits
clock: 33MHz
*-pci:2
description: Host bridge
product: Family 12h/14h Processor Function 1
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 102
bus info: pci@0000:00:18.1
version: 00
width: 32 bits
clock: 33MHz
*-pci:3
description: Host bridge
product: Family 12h/14h Processor Function 2
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 103
bus info: pci@0000:00:18.2
version: 00
width: 32 bits
clock: 33MHz
*-pci:4
description: Host bridge
product: Family 12h/14h Processor Function 3
vendor: Hynix Semiconductor (Hyundai Electronics)

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```
physical id: 104
bus info: pci@0000:00:18.3
version: 00
width: 32 bits
clock: 33MHz
configuration: driver=k10temp
resources: irq:0
*-pci:5
description: Host bridge
product: Family 12h/14h Processor Function 4
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 105
bus info: pci@0000:00:18.4
version: 00
width: 32 bits
clock: 33MHz
*-pci:6
description: Host bridge
product: Family 12h/14h Processor Function 6
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 106
bus info: pci@0000:00:18.5
version: 00
width: 32 bits
clock: 33MHz
*-pci:7
description: Host bridge
product: Family 12h/14h Processor Function 5
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 107
bus info: pci@0000:00:18.6
version: 00
width: 32 bits
clock: 33MHz
*-pci:8
description: Host bridge
product: Family 12h/14h Processor Function 7
vendor: Hynix Semiconductor (Hyundai Electronics)
physical id: 108
bus info: pci@0000:00:18.7
version: 00
width: 32 bits
clock: 33MHz
```

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