

Info de hardware del sistema en Linux

```
zerocool ~$ uname
Linux
zerocool ~$ uname -n
DESKTOP-HNP491C
zerocool ~$ uname -v
#1 SMP Fri Jan 27 02:56:13 UTC 2023
zerocool ~$ uname -r
5.15.90.1-microsoft-standard-WSL2
zerocool ~$ uname -m
x86_64
zerocool ~$ uname -a
Linux DESKTOP-HNP491C 5.15.90.1-microsoft-standard-WSL2 #1 SMP Fri Jan 27 02:56:13 UTC 2023 x86_64 x86_64 GNU/Linux
zerocool ~$
```

```
zerocool ~$ lsblk
NAME MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda   8:0    0 363.3M  1 disk
sdb   8:16   0    2G    0 disk [SWAP]
sdc   8:32   0    1T    0 disk /snap
                               /mnt/wslg/distro
                               /

zerocool ~$ lsblk -a
NAME MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
ram0  1:0     0    64M  0 disk
ram1  1:1     0    64M  0 disk
ram2  1:2     0    64M  0 disk
ram3  1:3     0    64M  0 disk
ram4  1:4     0    64M  0 disk
ram5  1:5     0    64M  0 disk
ram6  1:6     0    64M  0 disk
ram7  1:7     0    64M  0 disk
ram8  1:8     0    64M  0 disk
ram9  1:9     0    64M  0 disk
ram10 1:10    0    64M  0 disk
ram11 1:11    0    64M  0 disk
```

```
zerocool ~  
zerocool ~$ lshw  
WARNING: you should run this program as super-user.  
desktop-hnp491c  
  description: Computer  
  width: 64 bits  
  capabilities: smp vsyscall32  
*-core  
  description: Motherboard  
  physical id: 0  
*-memory  
  description: System memory  
  physical id: 0  
  size: 8GiB  
*-cpu  
  product: 11th Gen Intel(R) Core(TM) i7-1165G7 @ 2.80GHz  
  vendor: Intel Corp.  
  physical id: 1  
  bus info: cpu@0  
  version: 6.140.1  
  width: 64 bits
```

```
zerocool ~$ lshw -short  
WARNING: you should run this program as super-user.  
H/W path Device Class Description  
=====
```

/0	system	Computer
/0	bus	Motherboard
/0/0	memory	8GiB System memory
/0/1	processor	11th Gen Intel(R) Core(TM) i7-1165G7 @ 2.80GHz
/0/2	display	Microsoft Corporation
/0/3	storage	Virtio filesystem
/0/3/0	generic	Virtual I/O device
/0/4	storage	Virtio filesystem
/0/4/0	generic	Virtual I/O device
/0/5	generic	Virtio file system
/0/5/0	generic	Virtual I/O device
/0/6	storage	Virtio console
/0/6/0	generic	Virtual I/O device
/0/7	storage	Virtio filesystem
/0/7/0	generic	Virtual I/O device
/0/8	system	PnP device PNP0b00
/1	eth0	Ethernet interface

```
Ubuntu x + v -
zerocool ~
zerocool ~ lsusb
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
zerocool ~ lsusb -v

Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Couldn't open device, some information will be missing
Device Descriptor:
  bLength                18
  bDescriptorType         1
  bcdUSB                  3.00
  bDeviceClass             9 Hub
  bDeviceSubClass          0
  bDeviceProtocol          3
  bMaxPacketSize0          9
  idVendor                0x1d6b Linux Foundation
  idProduct               0x0003 3.0 root hub
  bcdDevice                5.15
  iManufacturer           3 Linux 5.15.90.1-microsoft-standard-WSL2 vhci_hcd
  iProduct                2 USB/IP Virtual Host Controller
```

```
zerocool ~  
zerocool ~$ lscpu  
Architecture: x86_64  
CPU op-mode(s): 32-bit, 64-bit  
Address sizes: 39 bits physical, 48 bits virtual  
Byte Order: Little Endian  
CPU(s): 8  
On-line CPU(s) list: 0-7  
Vendor ID: GenuineIntel  
Model name: 11th Gen Intel(R) Core(TM) i7-1165G7 @ 2.80GHz  
CPU family: 6  
Model: 140  
Thread(s) per core: 2  
Core(s) per socket: 4  
Socket(s): 1  
Stepping: 1  
BogoMIPS: 5606.42  
Flags: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca  
cmov pat pse36 clflush mmx fxsr sse sse2 ss ht syscall  
nx pdpe1gb rdtscp lm constant_tsc arch_perfmon rep_good  
nopl xtopology tsc_reliable nonstop_tsc cpuid pni pclmul
```

```
zerocool ~$ sudo fdisk -l  
Disk /dev/ram0: 64 MiB, 67108864 bytes, 131072 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 4096 bytes  
I/O size (minimum/optimal): 4096 bytes / 4096 bytes  
  
Disk /dev/ram1: 64 MiB, 67108864 bytes, 131072 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 4096 bytes  
I/O size (minimum/optimal): 4096 bytes / 4096 bytes  
  
Disk /dev/ram2: 64 MiB, 67108864 bytes, 131072 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 4096 bytes  
I/O size (minimum/optimal): 4096 bytes / 4096 bytes  
  
Disk /dev/ram3: 64 MiB, 67108864 bytes, 131072 sectors  
Units: sectors of 1 * 512 = 512 bytes
```