

Estació de treball HP xw4400 de l'Avance II+ 600

Hardware specifications

```
[root@cie-55-31 ~]# lshw
cie-55-31
  description: Mini Tower Computer
  product: HP xw4400 Workstation
  vendor: Hewlett-Packard
  serial: CZC70116S7
  width: 32 bits
  capabilities: smbios-2.4 dmi-2.4
  configuration: boot=normal chassis=mini-tower uuid=A76CC2A8-7E9C-DB11-BBDA-BB57969B0019
*-core
  description: Motherboard
  product: 0A68h
  vendor: Hewlett-Packard
  physical id: 0
  serial: CZC70116S7
*-firmware
  description: BIOS
  vendor: Hewlett-Packard
  physical id: 1
  version: 786D7 v01.03 (09/28/2006)
  size: 128KB
  capacity: 960KB
  capabilities: pci pnp upgrade shadowing cdboot bootselect edd
int13floppytoshiba int13floppy360 int13floppy1200 int13floppy720
int5printscreens int9keyboard int14serial int17printer acpi usb ls120boot
zipboot biosbootsspecificationnetboot
*-cpu:0
  description: CPU
  product: Intel(R) Core(TM)2 CPU 6600 @ 2.40GHz
  vendor: Intel Corp.
  physical id: 5
  bus info: cpu@0
  version: 6.15.6
  serial: 0000-06F6-0000-0000-0000-0000
  slot: XU1 PROCESSOR
  size: 2400MHz
  width: 64 bits
  clock: 1066MHz
  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 nx x86-64 pni monitor ds_cpl est tm2 xtpr vmx
```

```
configuration: id=0
*-cache:0
  description: L1 cache
  physical id: 7
  slot: Internal L1 Cache
  size: 64KB
  capacity: 64KB
  capabilities: burst internal write-through data
*-cache:1
  description: L2 cache
  physical id: 8
  slot: Cache L2
  size: 4MB
  capacity: 4MB
  capabilities: burst internal write-back data
*-logicalcpu:0
  description: Logical CPU
  physical id: 0.1
  width: 64 bits
  capabilities: logical
*-logicalcpu:1
  description: Logical CPU
  physical id: 0.2
  width: 64 bits
  capabilities: logical
*-cpu:1
  description: CPU
  vendor: Intel
  physical id: 6
  bus info: cpu@1
  version: 6.15.6
  serial: 0000-06F6-0000-0000-0000-0000
  slot: XU1 PROCESSOR 2
  size: 2400MHz
  clock: 1066MHz
  capabilities: vmx ht
  configuration: id=0
*-cache:0 DISABLED
  description: L1 cache
  physical id: 9
  slot: Internal L1 Cache
  capabilities: burst internal
*-cache:1 DISABLED
  description: L2 cache
  physical id: a
  slot: Cache L2
  capacity: 4MB
  capabilities: burst internal
*-logicalcpu:0
  description: Logical CPU
```

```
    physical id: 0.1
    capabilities: logical
*-logicalcpu:1
    description: Logical CPU
    physical id: 0.2
    capabilities: logical
*-memory:0
    description: System Memory
    physical id: 36
    slot: System board or motherboard
*-bank:0
    description: DIMM Synchronous 667 MHz (1.5 ns)
    product: HYMP564U72CP8-Y5
    vendor: JEDEC ID:AD 00 00 00 00 00 00 00
    physical id: 0
    serial: 46600000
    slot: XMM1
    size: 512MB
    width: 64 bits
    clock: 667MHz (1.5ns)
*-bank:1
    description: DIMM Synchronous [empty]
    vendor: JEDEC ID:
    physical id: 1
    slot: XMM2
*-bank:2
    description: DIMM Synchronous 667 MHz (1.5 ns)
    product: HYMP564U72CP8-Y5
    vendor: JEDEC ID:AD 00 00 00 00 00 00 00
    physical id: 2
    serial: 45500000
    slot: XMM3
    size: 512MB
    width: 64 bits
    clock: 667MHz (1.5ns)
*-bank:3
    description: DIMM Synchronous [empty]
    vendor: JEDEC ID:
    physical id: 3
    slot: XMM4
*-memory:1 UNCLAIMED
    description: Flash Memory
    physical id: 37
    slot: System board or motherboard
    capacity: 1MB
*-bank UNCLAIMED
    description: Chip FLASH Non-volatile
    physical id: 0
    slot: SYSTEM ROM
    size: 1MB
    width: 2 bits
```

```
*-memory:2 UNCLAIMED
  physical id: 0
*-memory:3 UNCLAIMED
  physical id: 2
*-pci
  description: Host bridge
  product: 975X Express Memory Controller Hub
  vendor: Intel Corporation
  physical id: 100
  bus info: pci@00:00.0
  version: 00
  width: 32 bits
  clock: 33MHz
*-pci:0
  description: PCI bridge
  product: 975X Express PCI Express Root Port
  vendor: Intel Corporation
  physical id: 1
  bus info: pci@00:01.0
  version: 00
  width: 32 bits
  clock: 33MHz
  capabilities: pci normal_decode bus_master cap_list
*-display
  description: VGA compatible controller
  product: Quadro FX 560
  vendor: nVidia Corporation
  physical id: 0
  bus info: pci@01:00.0
  version: a1
  size: 256MB
  width: 64 bits
  clock: 33MHz
  capabilities: vga bus_master cap_list
  configuration: driver=nvidia latency=0
  resources: iomemory:e1000000-e1ffffff iomemory:d0000000-
dfffffff iomemory:e2000000-e2ffffff ioport:1000-107f irq:145
*-multimedia
  description: Audio device
  product: 82801G (ICH7 Family) High Definition Audio Controller
  vendor: Intel Corporation
  physical id: 1b
  bus info: pci@00:1b.0
  version: 01
  width: 64 bits
  clock: 33MHz
  capabilities: bus_master cap_list
  configuration: driver=HDA Intel latency=0
  resources: iomemory:e0a00000-e0a03fff irq:185
*-pci:1
```

```
description: PCI bridge
product: 82801G (ICH7 Family) PCI Express Port 1
vendor: Intel Corporation
physical id: 1c
bus info: pci@00:1c.0
version: 01
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
*-pci:2
description: PCI bridge
product: 82801GR/GH/GHM (ICH7 Family) PCI Express Port 5
vendor: Intel Corporation
physical id: 1c.4
bus info: pci@00:1c.4
version: 01
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
*-network
description: Ethernet interface
product: NetXtreme BCM5751 Gigabit Ethernet PCI Express
vendor: Broadcom Corporation
physical id: 0
bus info: pci@28:00.0
logical name: eth0
version: 21
serial: 00:10:18:27:55:de
size: 100MB/s
capacity: 1GB/s
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list ethernet physical mii 10bt
10bt-fd 100bt 100bt-fd 1000bt 1000bt-fd autonegotiation
configuration: autonegotiation=on broadcast=yes driver=tg3
driverversion=3.52-rh duplex=full firmware=5751-v3.58 ip=158.109.55.31
latency=0 link=yes multicast=yes port=twisted pair speed=100MB/s
resources: iomemory:e0500000-e050ffff irq:217
*-pci:3
description: PCI bridge
product: 82801GR/GH/GHM (ICH7 Family) PCI Express Port 6
vendor: Intel Corporation
physical id: 1c.5
bus info: pci@00:1c.5
version: 01
width: 32 bits
clock: 33MHz
capabilities: pci normal_decode bus_master cap_list
*-network
description: Ethernet interface
product: NetXtreme BCM5755 Gigabit Ethernet PCI Express
```

```
vendor: Broadcom Corporation
physical id: 0
bus info: pci@3f:00.0
logical name: eth1
version: 02
serial: 00:19:bb:57:96:9b
size: 100MB/s
capacity: 1GB/s
width: 64 bits
clock: 33MHz
capabilities: bus_master cap_list ethernet physical mii 10bt
10bt-fd 100bt 100bt-fd 1000bt 1000bt-fd autonegotiation
configuration: autonegotiation=on broadcast=yes driver=tg3
driverversion=3.52-rh duplex=full firmware=5755-v3.17 ip=149.236.99.1
latency=0 link=yes multicast=yes port=twisted pair speed=100MB/s
resources: iomemory:e0400000-e040ffff irq:225
*-usb:0
description: USB Controller
product: 82801G (ICH7 Family) USB UHCI #1
vendor: Intel Corporation
physical id: 1d
bus info: pci@00:1d.0
version: 01
width: 32 bits
clock: 33MHz
capabilities: uhci bus_master
configuration: driver=uhci_hcd latency=0
resources: ioport:2000-201f irq:177
*-usbhost
product: UHCI Host Controller
vendor: Linux 2.6.9-42.0.3.ELsmp uhci_hcd
physical id: 1
bus info: usb@2
logical name: usb2
version: 2.06
capabilities: usb-1.10
configuration: driver=hub maxpower=0mA slots=2
speed=12.0MB/s
*-usb:0
description: Mouse
product: Logitech USB Optical Mouse
vendor: Logitech
physical id: 1
bus info: usb@2:1
version: 43.00
capabilities: usb-2.00
configuration: driver=usbhid maxpower=100mA speed=1.5MB/s
*-usb:1
description: Human interface device
product: ShuttlePRO v2
```

```
        vendor: Contour Design
        physical id: 2
        bus info: usb@2:2
        version: 1.17
        capabilities: usb-1.10
        configuration: driver=usbhid maxpower=100mA speed=1.5MB/s
*-usb:1
  description: USB Controller
  product: 82801G (ICH7 Family) USB UHCI #2
  vendor: Intel Corporation
  physical id: 1d.1
  bus info: pci@00:1d.1
  version: 01
  width: 32 bits
  clock: 33MHz
  capabilities: uhci bus_master
  configuration: driver=uhci_hcd latency=0
  resources: ioport:2020-203f irq:161
*-usbhost
  product: UHCI Host Controller
  vendor: Linux 2.6.9-42.0.3.ELsmp uhci_hcd
  physical id: 1
  bus info: usb@3
  logical name: usb3
  version: 2.06
  capabilities: usb-1.10
  configuration: driver=hub maxpower=0mA slots=2
speed=12.0MB/s
*-usb:2
  description: USB Controller
  product: 82801G (ICH7 Family) USB UHCI #3
  vendor: Intel Corporation
  physical id: 1d.2
  bus info: pci@00:1d.2
  version: 01
  width: 32 bits
  clock: 33MHz
  capabilities: uhci bus_master
  configuration: driver=uhci_hcd latency=0
  resources: ioport:2040-205f irq:185
*-usbhost
  product: UHCI Host Controller
  vendor: Linux 2.6.9-42.0.3.ELsmp uhci_hcd
  physical id: 1
  bus info: usb@4
  logical name: usb4
  version: 2.06
  capabilities: usb-1.10
  configuration: driver=hub maxpower=0mA slots=2
speed=12.0MB/s
*-usb:3
```

```
description: USB Controller
product: 82801G (ICH7 Family) USB UHCI #4
vendor: Intel Corporation
physical id: 1d.3
bus info: pci@00:1d.3
version: 01
width: 32 bits
clock: 33MHz
capabilities: uhci bus_master
configuration: driver=uhci_hcd latency=0
resources: ioport:2060-207f irq:193
```

*-usbhost

```
product: UHCI Host Controller
vendor: Linux 2.6.9-42.0.3.ELsmp uhci_hcd
physical id: 1
bus info: usb@5
logical name: usb5
version: 2.06
capabilities: usb-1.10
configuration: driver=hub maxpower=0mA slots=2
```

speed=12.0MB/s

*-usb:4

```
description: USB Controller
product: 82801G (ICH7 Family) USB2 EHCI Controller
vendor: Intel Corporation
physical id: 1d.7
bus info: pci@00:1d.7
version: 01
width: 32 bits
clock: 33MHz
capabilities: ehci bus_master cap_list
configuration: driver=ehci_hcd latency=0
resources: iomemory:50000000-500003ff irq:177
```

*-usbhost

```
product: EHCI Host Controller
vendor: Linux 2.6.9-42.0.3.ELsmp ehci_hcd
physical id: 1
bus info: usb@1
logical name: usb1
version: 2.06
capabilities: usb-2.00
configuration: driver=hub maxpower=0mA slots=8
```

speed=480.0MB/s

*-pci:4

```
description: PCI bridge
product: 82801 PCI Bridge
vendor: Intel Corporation
physical id: 1e
bus info: pci@00:1e.0
version: e1
```

```

        width: 32 bits
        clock: 33MHz
        capabilities: pci subtractive_decode bus_master cap_list
*-isa
    description: ISA bridge
    product: 82801GB/GR (ICH7 Family) LPC Interface Bridge
    vendor: Intel Corporation
    physical id: 1f
    bus info: pci@00:1f.0
    version: 01
    width: 32 bits
    clock: 33MHz
    capabilities: isa bus_master cap_list
    configuration: latency=0
*-ide
    description: IDE interface
    product: 82801G (ICH7 Family) IDE Controller
    vendor: Intel Corporation
    physical id: 1f.1
    bus info: pci@00:1f.1
    version: 01
    width: 32 bits
    clock: 33MHz
    capabilities: ide bus_master
    configuration: driver=PIIX_IDE latency=0
    resources: ioport:20a0-20af irq:153
*-ide
    description: IDE Channel 0
    physical id: 0
    bus info: ide@0
    logical name: ide0
    clock: 33MHz
*-cdrom
    description: DVD writer
    product: LITE-ON DVDRW SHM-165H6S
    physical id: 0
    bus info: ide@0.0
    logical name: /dev/hda
    version: HQSA
    capabilities: packet atapi cdrom removable nonmagnetic
dma lba iordy audio cd-r cd-rw dvd dvd-r
    configuration: mode=udma3
*-disc
    physical id: 0
    logical name: /dev/hda
*-storage
    description: RAID bus controller
    product: 82801GR/GH (ICH7 Family) Serial ATA Storage Controller
RAID
    vendor: Intel Corporation
    physical id: 1f.2

```

```
bus info: pci@00:1f.2
logical name: scsi0
version: 01
width: 32 bits
clock: 66MHz
capabilities: storage bus_master cap_list emulated
configuration: driver=ahci latency=0
resources: ioport:20d0-20d7 ioport:20e8-20eb ioport:20d8-20df
ioport:20ec-20ef ioport:20b0-20bf iomemory:e0a04400-e0a047ff irq:209
*-disk
    description: SCSI Disk
    product: ST3160812AS
    vendor: ATA
    physical id: 0.0.0
    bus info: scsi@0:0.0.0
    logical name: /dev/sda
    version: 3.AH
    serial: 5LS68H19
    size: 149GB
    capabilities: partitioned partitioned:dos
    configuration: ansiversion=5
*-volume:0
    description: Linux filesystem partition
    physical id: 1
    bus info: scsi@0:0.0.0,1
    logical name: /dev/sda1
    capacity: 125MB
    capabilities: primary bootable
*-volume:1
    description: Linux filesystem partition
    physical id: 2
    bus info: scsi@0:0.0.0,2
    logical name: /dev/sda2
    capacity: 15GB
    capabilities: primary
*-volume:2
    description: Linux swap / Solaris partition
    physical id: 3
    bus info: scsi@0:0.0.0,3
    logical name: /dev/sda3
    capacity: 8001MB
    capabilities: primary nofs
*-volume:3
    description: Linux filesystem partition
    physical id: 4
    bus info: scsi@0:0.0.0,4
    logical name: /dev/sda4
    capacity: 125GB
    capabilities: primary
```

```
[root@cie-55-31 ~]#
```

CPU Specifications (cpuinfo)

```
[root@cie-55-31 proc]# more cpuinfo
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 6
model         : 15
model name    : Intel(R) Core(TM)2 CPU           6600  @ 2.40GHz
stepping      : 6
cpu MHz       : 2400.658
cache size    : 4096 KB
physical id   : 0
siblings      : 1
core id       : 0
cpu cores     : 2
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
cpuid level   : 10
wp            : yes
flags         : fpu 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 nx lm pn1 monitor
ds_c
pl est tm2 xtpr
bogomips      : 4804.66
```

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