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HP and Compaq Desktop PCs - Motherboard Specifications (Camphor)



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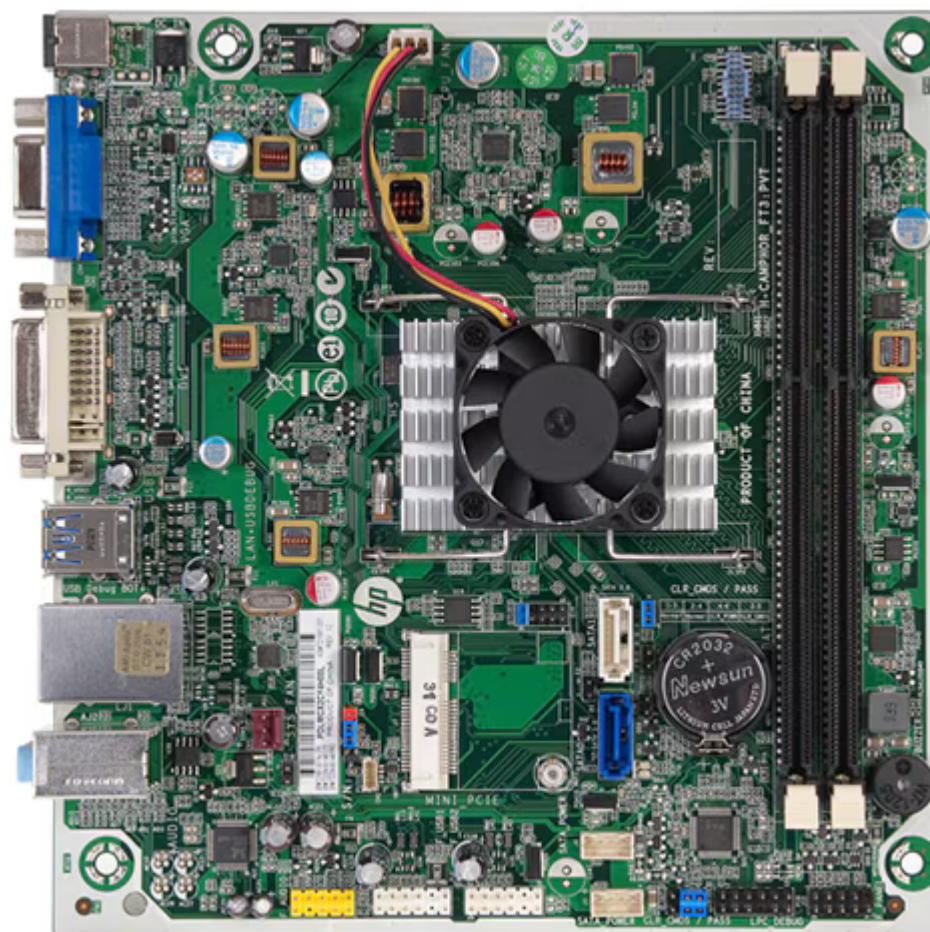
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HP and Compaq Desktop PCs - Motherboard Specifications (Camphor)

Figure 1: The Camphor motherboard



✕ Motherboard description

- Manufacturer: Foxconn
- HP/Compaq name: Camphor
- SSID: 2B05

✕ Form Factor

- ITX 17.8 cm (7.0 inches) x 17.0 cm (6.7 inches)

✕ Chipset

The chipset on this motherboard is combined with the processor into a single integrated circuit called System on a Chip (SoC). This technology combines the processor and chipset functionality into a single physical package.

✕ Processor upgrade information

The motherboard supports the AMD Kabini A6-5200 APU only. The processor is not upgradable.

✕ Memory upgrade information

- Single channel memory architecture

<https://support.hp.com/us-en/document/c03779602>



Need Help?

- Two 240-pin DDR3 DIMM sockets
- Supports PC3-12800 (DDR3-1600)
- Supports 1 GB, 2 GB, 4 GB or 8 GB DIMMs
- Supports up to 16 GB (unbuffered) on 64-bit systems

NOTE: Maximum memory shown reflects the capability of the hardware and can be limited further in the operating system.

× Video

× AMD Radeon HD 8400 Integrated Graphics

- AMD Radeon HD 8400 graphics (combined with the processor)
- Supports DX11
- DVI and VGA output ports (both ports can be used at the same time)

× Audio

× Integrated Realtek ALC662 Audio

- Audio Codec: Realtek ALC662
- 5.1 channel audio
- Audio jack presence detection

NOTE: Integrated audio is not available if a sound card is installed.

× Network

× LAN: 10-Base-T

- Technology: Realtek RTL8106E-CG
- Data transfer speeds: up to 10/100 Mb/s
- Transmission standards: 10-Base-T Ethernet

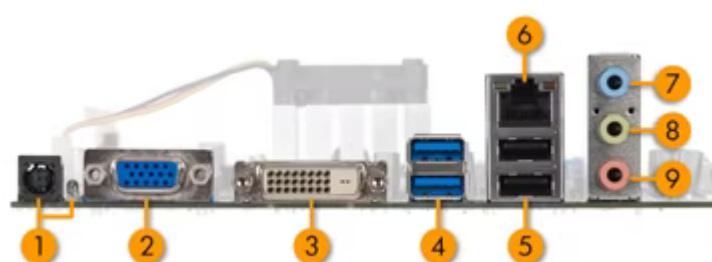
× Expansion Slots

- One PCI Express half-length mini card socket

I/O Ports and internal connectors

× Back I/O ports

Figure 2: Back I/O ports



1. DC input power
2. VGA
3. DVI-D




4. USB 3.0: 2
5. USB 2.0: 2
6. LAN
7. Audio: Line in
8. Audio: Line out
9. Audio: Microphone

Internal Connectors

- 1x Front Audio
- 1x ONE TOUCH RESET
- 1x System FAN
- 1x WLAN Power LED
- 2x Dual-USB 2.0
- 2x SATA Power Supply
- 1x FDO
- 2x Serial ATA
- 1x ONE TOUCH RECOVERY
- 1x CLEAR CMOS and PASSWORD
- 1x LPC Debug
- 1x Front Panel
- 1x CPU FAN

Jumper Settings

 **CAUTION:** Do not change any jumper setting while the computer is on. Damage to the motherboard can result.

Clearing the CMOS settings

This motherboard has a jumper to clear the CMOS RAM.

1. Turn OFF the computer and unplug the power cord.
2. Move the jumper to from pins 1 and 3 (default) to pins 3 and 5, then move the jumper back to default.
3. Plug the power cord and turn ON the computer.


Clearing the PASSWORD settings

The BIOS password is used to protect BIOS settings from unwanted changes.


To erase the BIOS password follow these steps:

1. Turn OFF the computer and unplug the power cord.
2. Move the jumper to from pins 2 and 4 (default) to pins 4 and 6, then move the jumper back to default.
3. Plug the power cord and turn ON the computer.


End



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




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