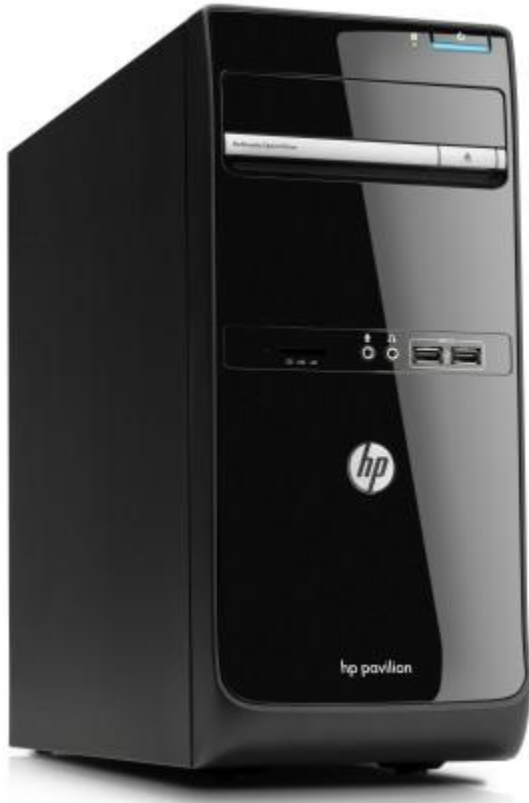


HP Pavilion p6-2015it Desktop PC Product Specifications



Product release information

Product number

HOL05EA

Release date

08-Oct-2011

Country/region sold in

Italy

Motherboard

H-CUPERTINO2-H61-uA TX (Cupertino2)

Figure 1: Motherboard top view



- Manufacturer: Foxconn
- Form factor: uATX - 24.4 cm (9.6 inches) x 22.0 cm (8.7 inches)
- Chipset: Intel H61
- Memory sockets: 2 x DDR3
- Front side bus speeds: 5 GT/s (DMI bus)
- Processor socket: LGA 1155
- Expansion Slots:
 - 1 PCI Express x16 (Gen2.0)
 - 3 PCI Express x1 (Gen2.0)
 - 1 PCI Express Mini Card x1
- For more details, see [Cupertino2 motherboard specifications](#) .

Processor

Intel Core i7 2600

- Operating speed: 3.4 GHz (up to 3.8 GHz turbo)
- Number of cores: 4
- Socket: LGA1155
- Bus speed: DMI (Direct Media Interface) - 2.5GT/s

Processor upgrade information

- Socket type: LGA 1155
- TDP: 35W up to 95W (processor dependent)
- Motherboard supports the following processor upgrades:
 - Core i3-2xxx/T dual core
 - Core i3-2xxx dual core
 - Core i5-2xxx quad core
 - Core i7-2xxx quad core
 - Core G5xx/T dual core
 - Core G6xx/T dual core

Memory

4 GB

- Amount: 4 GB
- Speed: PC3-10600 MB/sec
- Type: DDR3-1333

Memory upgrade information

- Dual channel memory architecture
- Two 240-pin DDR3 DIMM sockets
- Supports the following:
 - PC3-8500 (DDR3-1066)
 - PC3-10600 (DDR3-1333)
- Non-ECC memory only, unbuffered
- Supports 1 GB, 2 GB, and 4 GB DIMMs
- Supports up to 4 GB on 32-bit* systems
- Supports up to 8 GB on 64-bit systems

NOTE: 32-bit systems cannot address a full 4.0 GB of memory

Video graphics

NVIDIA GeForce GT 520

Figure 2: Video card



Figure 3: Ports



1 - HDMI

2 - DVI-I

- Interface: PCI Express x16
- Maximum resolution:
 - HDMI resolution: 1920x1080 (1080p)
 - DVI resolution (dual-link): 2560 x 1600 x 32bpp at 60Hz
 - VGA resolution (with adapter): 2048 x 1536 x 32bpp at 60Hz
- 1 GB onboard memory
- Supports Blu-ray
- Supports two displays at the same time*

** Up to 2 displays at the same time in these configurations: HDMI +DVI and HDMI +VGA (VGA through adapter cable)*

Intel Graphics Media Accelerator HD Integrated graphics (DX10.1)

*Integrated video is not available if a graphics card is installed.

- Either integrated graphics or the PCI Express x16 slot are usable at one time; they are not usable concurrently.
- Use of both the DVI and the VGA ports at the same time is supported.

Sound/Audio

Integrated Realtek ALC656 Audio

*Integrated audio is not available if a sound card is installed.

- Built-in High Definition 5.1 channel audio
- Audio jack sensing
- Realtek ALC656 CODEC

Networking

LAN: 1000-Base-T

- Interface: Integrated into motherboard
- Technology: RTL8171E gigabit ethernet controller
- Data transfer speeds: up to 10/100/1000 Mb/s
- Transmission standards: 1000-Base-T Ethernet

Hard drive

1 TB



- Size: 1 TB
- Interface: SATA
- Rotational Speed: 7200 rpm

CD/DVD disc drive

SuperMulti DVD Burner drive

Figure 4: Optical drive



- Interface: SATA
- Data buffer memory: 2 MB minimum

- Disc diameter: 120 mm
- Write and read speeds for supported formats and disc types are shown in this table:

Formats/Disc types	Write speeds	Read speeds	Storage capacity
DVD			
DVD-ROM SL	NA	up to 16x	up to 4.7 GB
DVD-ROM DL	NA	up to 8X	up to 8.5 GB
DVD+R SL	up to 16x	up to 12X	up to 4.7 GB
DVD+R DL	up to 12x	up to 8x	up to 8.5 GB
DVD+RW SL	up to 8x	up to 8x	up to 4.7 GB
DVD+RW DL	not supported		
DVD-R SL	up to 16x	up to 12x	up to 4.7 GB
DVD-R DL	up to 12x	up to 8x	up to 8.5 GB
DVD-RW SL	up to 6x	up to 8x	up to 4.7 GB
DVD-RW DL	not supported		
DVD-RAM	up to 12x	up to 12x	4.7 GB
CD			
CDROM	NA	up to 40X	up to 700 MB
CDR	up to 40X	up to 40X	up to 700 MB
CDRW	up to 32X	up to 32X	up to 700 MB
CD-DA	NA	up to 32X	up to 700 MB
Video CD	NA	up to 16X	up to 700 MB

Memory card reader

Multimedia card reader

Supports the following cards:

- Secure Digital (SD)
- Secure Digital High Capacity (SDHC)
- Memory Stick (MS), including Memory Stick Pro (MS-Pro)

Supports the following cards with an adapter:

- Mini Secure Digital (mini-SD)
- Micro Secure Digital (micro-SD)
- MS DUO
- MS Pro Duo

Computer Case

Mini-tower

- Height: 36.8 cm (14.4 inches)
- Width: 16.5 cm (6.4 inches)
- Depth: 38.9 cm (15.3 inches)
- Weight: 8 Kg (17.6 lbs) - without packaging

Bay size	Total Bays*
13.33 cm (5.25 inch) ODD	1
8.89 cm (3.5 inch) HDD	1
* Bays may be occupied by existing hardware.	

Power Supply

Internal 300W (100V-240V)

- Form factor: Internal ATX
- Total wattage: 300W
- Nominal input voltage range:
 - 100-127V/6A (50-60Hz)
 - 200-240V/3A (50-60Hz)
- Dimensions: 150mm x 140mm x 86mm (5.9 x 5.5 x 3.4 inches)
- This power supply has an LED to indicate a possible failure condition when LED is off and power is connected

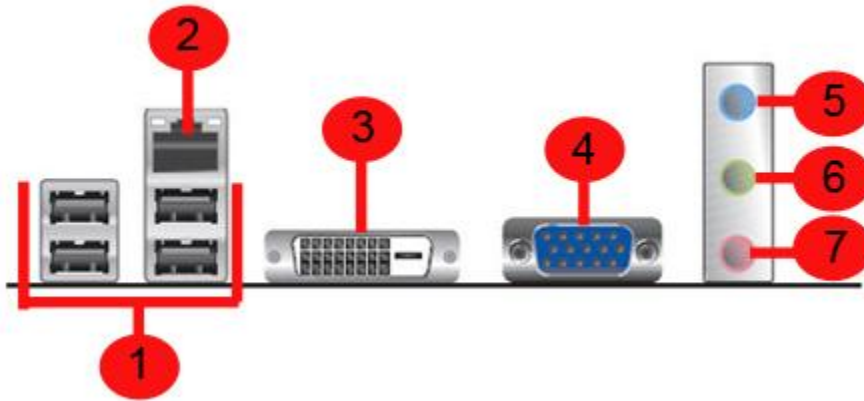
I/O Ports

Front I/O ports

- USB 2.0: 2
- Microphone: 1
- Headphone: 1

Back I/O ports

Figure 5: Back I/O panel



- 1 - USB 2.0: 4
- 2 - LAN
- 3 - DVI-D port
- 4 - VGA port
- 5 - Audio: Line in
- 6 - Audio: Line out
- 7 - Audio: Microphone

Keyboard, mouse and input devices

HP Wireless Keyboard

NOTE: Keyboard layout and functionality may vary by country/region.

Figure 6: Top view of keyboard



- Interface: USB receiver
- Effective distance: 10 meters
- Dimensions:
 - Length: 460 mm (18.1 inches)
 - Width: 157.4 mm (6.19 inches)
 - Height: 32.8 mm (1.29 inches)

- Weight: 0.61 Kg
- Special buttons:*
 - Standard
 - *Buttons are not configurable

HP wireless mouse

Figure 7: Top view of mouse



- Interface: wireless USB dongle
- Buttons: left, right, and clickable scroll wheel

Software

Titles that shipped with PC

NOTE: HP provides basic support for software that comes with the computer. For in-depth feature assistance, refer to the help section in the software or on the software vendor's Web site.

This PC may have other software titles not listed in this specification.

Software Category	Software Title	Recovery Manager: Program Reinstallation
Operating System	<ul style="list-style-type: none"> • Microsoft Windows 7 Home Premium (64-bit); Service Pack 1 	<ul style="list-style-type: none"> • No
CD/DVD Burning	<ul style="list-style-type: none"> • Cyberlink Power2Go 	<ul style="list-style-type: none"> • Yes
Entertainment, Music & Games	<ul style="list-style-type: none"> • Windows Media Center (for CD/DVD playback) • HP Games • MusicStation 	<ul style="list-style-type: none"> • No • No • Yes

Software Category	Software Title	Recovery Manager: Program Reinstallation
Productivity	<ul style="list-style-type: none"> • Microsoft Office Starter 2010 • PDF Complete 	<ul style="list-style-type: none"> • No • Yes
Security	<ul style="list-style-type: none"> • Norton Internet Security 2012 (60-day security update subscription) • Norton Online Backup (30-day trial) 	<ul style="list-style-type: none"> • Yes • No
Support	<ul style="list-style-type: none"> • HP Help & Support Center • HP Support Assistant • HP Update • HP Vision Hardware Diagnostic Tools 	<ul style="list-style-type: none"> • No • Yes • Yes • Yes
Recovery	<ul style="list-style-type: none"> • HP Recovery Manager 	<ul style="list-style-type: none"> • No
Networking & Internet Solutions	<ul style="list-style-type: none"> • Microsoft Internet Explorer 9 • Adobe Flash • HP Linkup 	<ul style="list-style-type: none"> • No • Yes • Yes

NOTE: This support document provides specifications and component images that reflect the original design intention for all PCs of this model. Under certain circumstances, a factory or service provider may install a component that meets or exceeds the listed specification and/or appears different than the image shown.