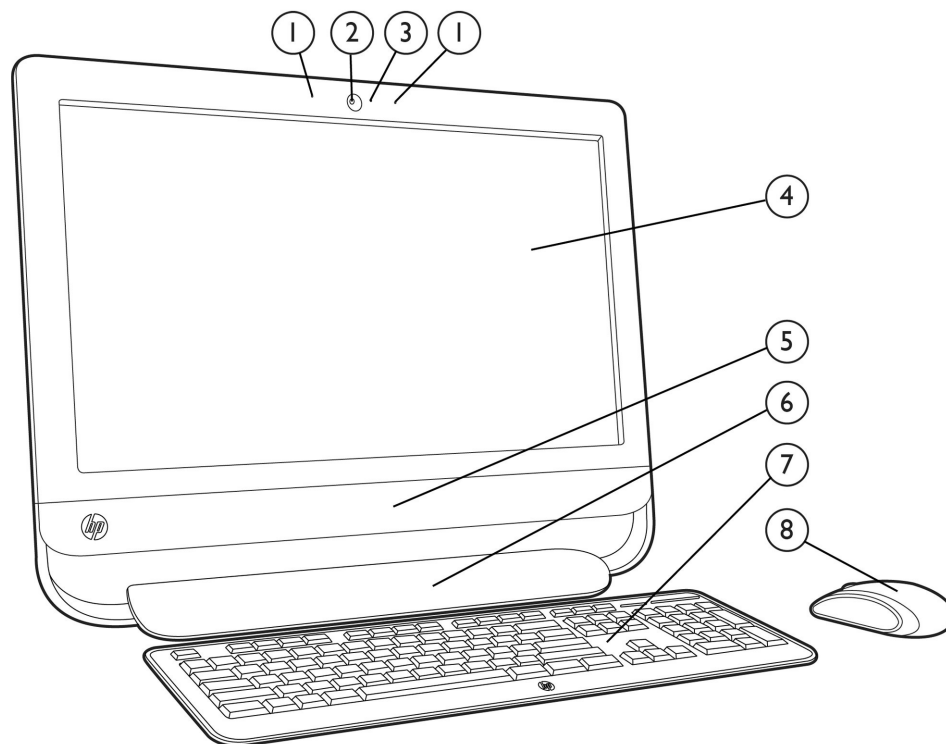
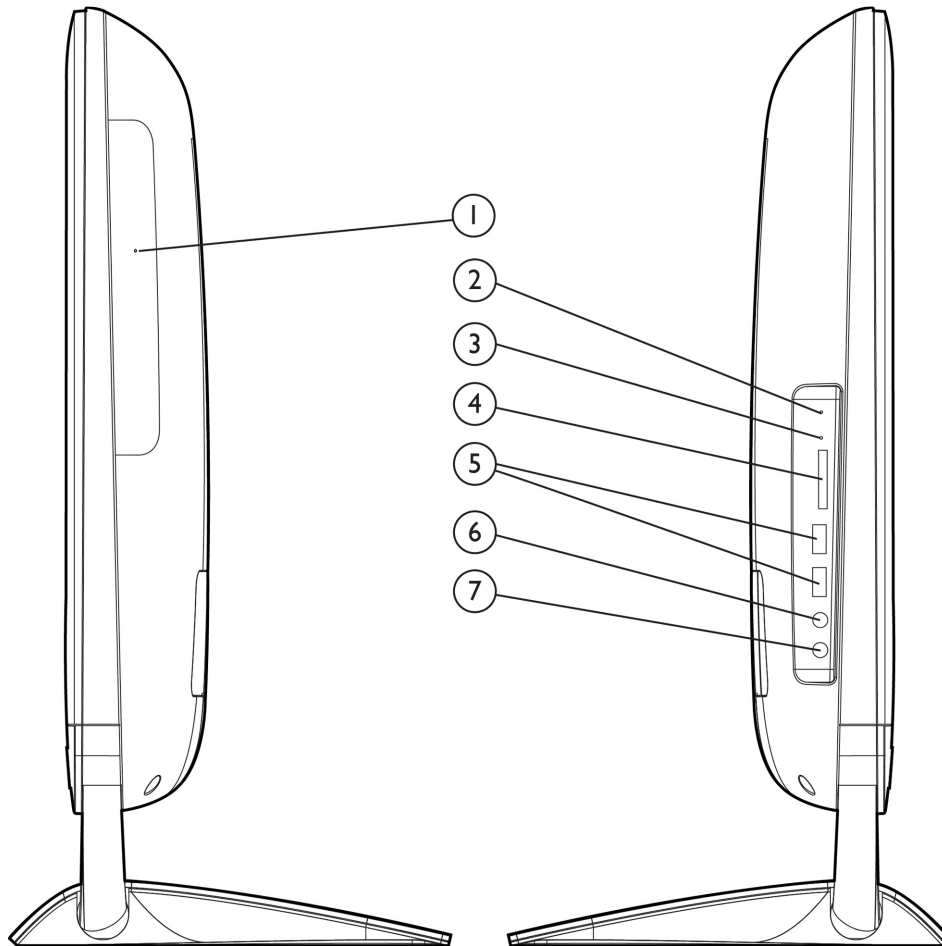


Overview



- | | |
|--|--------------------------|
| 1. Dual microphone array | 5. Stereo Speakers |
| 2. Fixed 2MP HD low-light webcam | 6. Adjustable tilt stand |
| 3. Webcam LED indicator | 7. HP Wireless Keyboard |
| 4. 21.5-inch touch-enabled diagonal widescreen LED anti-glare display with Full HD | 8. HP Wireless Mouse |

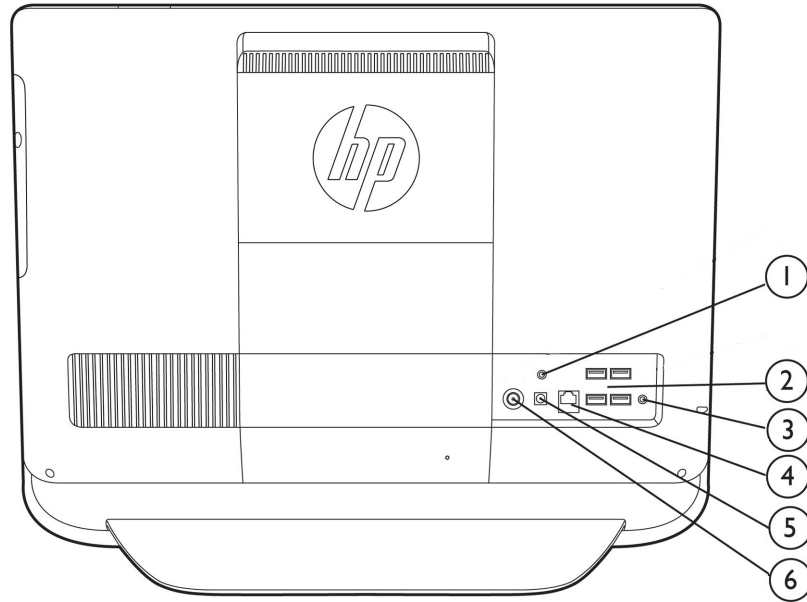
Overview



1. Optical Disk Drive
2. Hard Disk Drive LED Indicator
3. Media Card Reader LED Indicator

4. 6-in-1 Media Card Reader
5. 2 USB 2.0 ports
6. Microphone port
7. Headphone Port

Overview



1. IR Emitter (Blaster) output
2. 4 USB 2.0 ports
3. Line out
4. RJ-45/Ethernet
5. Power connector
6. TV coax in

At A Glance

- Genuine Windows 7 Professional and Genuine Windows 7 Home Premium
- Intel® 2nd Generation Core™ i3, i5, i7 and Intel Pentium Processors
- 21.5-inch touch-enabled diagonal widescreen LED anti-glare display with Full HD (1080p)
- Integrated All-in-One form factor
- Adjustable tilt stand
- Chassis is tiltable from 0 degrees (full vertical, no forward lean) to 30 degrees backward
- Integrated VESA-compliant mounting hole pattern of 100mm x 100mm for attaching the All-in-One system directly to a wall mount or articulating arm
- Intel H61 Chipset
- Integrated Intel HD Graphics or choice of discrete graphics including: NVIDIA GeForce 5xx 1GB DDR3 MXM 3.0A, NVIDIA GeForce GT 5xx 2GB DDR3 MXM 3.0A, AMD Radeon HD 6450A 1GB DDR3 MXM 3.0A, and AMD Radeon HD 6550A 2GB DDR3 MXM 3.0A
- Realtek RTL 8111E GbE Ethernet Controller (10/100/1000 NIC)
- Fixed 2MP HD low-light webcam; stereo speakers
- HD Audio, Beats Audio enabled through Stereo Speakers and Headphone port
- Optional TV Tuner
- Wireless connectivity:
 - HP Wireless NIC 802.11b/g/n Mini Card (1x1)
 - HP Wireless NIC 802.11b/g/n Mini Card (2x2)



Overview

- HP Wireless WLAN 802.11b/g/n Mini Card (2x2) with BT Combo
- Up to 8GB of DDR3 SDRAM supported, dual channel memory support
- Up to 2 TB hard drive
- Slim Tray Blu-ray Combo Drive (optional on some skus) or Slim Tray Super Multi Drive
- 6-in-1 Media Card Reader
- Available input devices include: USB Keyboard and Mouse, Wireless Keyboard and Mouse, and USB backlit keyboard
- ENERGY STAR® (for Windows OS only)
- EPEAT Silver certification*
- BFR/CFR/PVC-free** (except for keyboard, mouse, power supply and cord)
- Protected by HP Services. Terms and conditions vary by country. Certain restrictions and exclusions apply.

* Where HP registers commercial desktop products. See <http://www.epeat.net> for registration status in your country.

** Meeting the industry definition of 'BFR/PVC-free' per the iNEMI Position Statement on "Low Halogen" Electronics. Plastic parts incorporated into the chassis generally contain < 1000 ppm (0.1%) of bromine or chlorine. Printed circuit board and substrate laminates generally contain < 1500 ppm (0.15%) of total bromine and chlorine. Service parts after purchase may not be BFR/PVC-free. External accessories, including power supplies, power cords, and peripherals are not BFR/PVC-free.



Standard Features

Processors

Intel Pentium:

Intel Pentium G850 Processor (2.9 GHz, 3 MB L3 cache)

Intel Pentium G840 Processor (2.8 GHz, 3 MB L3 cache)

Intel Pentium G620 Processor (2.6 GHz, 3 MB L3 cache)

Intel Core i3 Processors:

Intel Core i3-2120 Processor (3.3 GHz, 3 MB cache, 2C/4T)

Intel Core i3-2105 Processor (3.1 GHz, 3 MB cache, 2C/4T)

Intel Core i3-2100 Processor (3.1 GHz, 3 MB cache, 2C/4T)

Intel Core i5 Processors:

Intel Core i5-2500S Processor (2.7 GHz, 6 MB cache, 4C/4T, Turbo)

Up to 3.7 GHz with Intel Turbo Boost Technology

Intel Core i5-2405S Processor (2.5 GHz, 6 MB cache, 4C/4T, Turbo)

Up to 3.3 GHz with Intel Turbo Boost Technology

Intel Core i5-2400S Processor (2.5 GHz, 6 MB cache, 4C/4T, Turbo)

Up to 3.3 GHz with Intel Turbo Boost Technology

Intel Core i7 Processors:

Intel Core i7-2600S Processor (2.8 GHz, 8 cache, 4C/8T, Turbo)

Up to 3.8 GHz with Intel Turbo Boost Technology

(Availability depends on model; list is subject to change)

Operating System

Preinstalled

Genuine Windows 7 Professional (64-bit)*

Genuine Windows 7 Professional (32-bit)

Genuine Windows 7 Home Premium (64-bit)*

* System may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality.

See: <http://www.microsoft.com/windows/windows-7/> for details.

Chipset

Intel H61

Graphics

Integrated

Intel HD Graphics

Display

21.5-inch diagonal widescreen Full HD (1080p) WLED anti-glare display

Resolution 1920 x 1080 resolution (16:9)

Contrast ratio 1000:1 typical

Image brightness 250 nits typical

Refresh rate 5ms

Viewing angle (typical) Up to 170° horizontal/160° vertical

Tiltability of Chassis

0 degrees (full vertical, no forward lean) to 30 degrees backward

Adjustable Tilt Stand

Tilt adjustments



Standard Features

Memory	Standard	PC3-10600 DDR3 1333-MHz non-ECC SDRAM Two 200-pin SODIMM slots supporting dual channel memory 2 GB (1 x 2 GB) 3 GB (2 GB + 1 GB) 4 GB (1 x 4 GB) 4 GB (2 x 2 GB) 6 GB (1 x 2 GB + 1 x 4 GB) 8 GB (2 x 4 GB)
	Dual-channel	Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory slots. NOTE: Full availability of 4 GB or more of memory requires a 64-bit operating system. With Windows 32-bit operating systems, the amount of usable memory is dependent upon your configuration, so that above 3 GB all memory may not be available due to system resource requirements.
Communications	Integrated Realtek RTL8171EH GbE Ethernet Controller (10/100/1000 NIC)*	
	HP Wireless NIC 802.11b/g/n Mini Card (2x2)	Support for 802.11 b, g, and n Up to 300 mbps data rate Built-in antennas (2 transmit, 2 receive) * The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
IO Devices	HP USB Keyboard	104 keys plus special keys for Mute, Volume Up, Volume Down. Separate numeric keypad. Cable length 51 in (130 cm)
	HP USB Standard Value Keyboard	104, 105, 106, 107, or 109 key layout (depending upon country). Cable length 59 in (150 cm)
	HP USB Optical Scroll Mouse	Two buttons with scroll wheel acting as third button. Cable length 69 in (175 cm)
	HP Wireless Keyboard and Mouse	104 keys plus special keys for Mute, Volume Up, Volume Down. Separate numeric keypad. Two buttons with scroll wheel acting as third button.
Storage	Hard Drive	3.5-inch, 7200 rpm, 6.0 Gb/s, Smart IV SATA Hard Drive: 250 GB 320 GB 500 GB 750 GB 1 TB
	Slim Optical Drive	Slim Tray Blu-ray Combo Drive Read: 8x max DVD-ROM, 24x max CD-ROM Write: 8x max DVD±R, 6x max DVD±R DL, 8x max DVD+RW, 6x max DVD-RW, 5x max DVD-RAM, 24x max CD-R, 24x max CD-RW Slim Tray Super Multi Drive



Standard Features

I/O Slots	Half Height Mini PCIe x1 Full Height Mini PCIe x1	One (For Wireless LAN module) One (TV Tuner module)
Interfaces	6-in-1 Media Card Reader USB 2.0 USB 3.0 Stereo audio headphone jack Stereo audio line out Coaxial Cables for Tuner IR Blaster Power connector RJ-45/Ethernet	Supports Secure Digital (SD, SDHC), MultiMedia Card (MMC), xD-Picture Card, Memory Stick, Memory Stick Pro Four (rear) Two (side) One One One One One One
Audio/Visual	Integrated IDT 92HD91 Audio (Beats Audio) Integrated high-performance stereo speakers Volume control and mute buttons (on keyboard on select skus) Stereo headphone jack Stereo line out Integrated 2 MP HD (1080p), low-light webcam with two built-in microphones TV Tuners (configurable): DVB-T+PAL (HW encode), ATSC+NTSC (HW encode), PAL/DMB-T	
Software	Preinstalled software (varies by country)	Microsoft Office 2010 Starter Preloaded (purchase of a Product Key required to activate a full Office 2010 suite)* Microsoft Windows Virtual PC - XP Mozilla Firefox for HP Virtual Solutions 2011 Cyberlink PowerDVD Cyberlink Label Print Cyberlink Power 2 Go CyberLink Power Starter CyberLink Power Director PDF Complete Special Edition HP SimplePass PE 2011 Norton Internet Security 2011 (60 day)* HP Power Assistant HP Recovery Manager HP Vision Hardware Diagnostics HP Support Assistant (HPSA) Authentec SimplePass PE (to support Intel One Time Password)**
	Additional software available on optical disk	HP MyRooms (up to 3 people per meeting)
	Optional software (varies by country)	Credential Manager for HP ProtectTools HP ProtectTools Security Suite for SMB

* 60 day trial period for Norton Internet Security. Internet access required to receive updates. First update included. Subscription required for updates thereafter.

** Available on Intel Core i3, i5, and i7 cpus (not on Pentium or Celeron)



Standard Features

SMBIOS

System Management BIOS, previously known as DMI BIOS, is used to store system management information.

Security

Lock slot
Optional HP ProtectTools Security Software Suite
Optional HP Credential Manager

Power Supply

External 87% efficient, 150W 19V/7.9A power supply for UMA graphics cards
External 87% efficient, 180W for MXM graphics cards

Service and Support

On-site Warranty^{Note 1} Three 3-3-3- parts onsite limited warranty delivers three year of on-site, next business-day^{Note 2} service for parts and labor and includes free telephone support^{Note 3} 24 x 7. Global coverage^{Note 2} ensures that any product purchased in one country and transferred to another non-restricted country will remain fully covered under the original warranty and service offering. One-year onsite and labor are not available in all countries. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/lookuptool>. Additional HP Care Pack Services information by product is available at: <http://www.hp.com/hps/carepack>.

NOTE 1: Terms and conditions may vary by country. Certain restrictions and exclusions apply. Other warranty variations may be offered in your region.

NOTE 2: On-site service may be provided pursuant to a service contract between HP and an authorized HP third-party provider, and is not available in certain countries. Global service response times are based on commercially reasonable best effort and may vary by country.

NOTE 3: Technical telephone support applies only to HP-configured Compaq and third-party HP-qualified hardware and software. Toll-free calling and 24 x 7 support may not be available in some countries.



Technical Specifications - System

System Unit	Dimensions (WxDxH)	21.64 x 8.09 x 17.22 in (including stand) 54.97 x 20.54 x 43.75 cm (including stand) 21.64 x 2.59 x 14.81 in (without stand) 54.97 x 6.57 x 37.61 cm (without stand)										
	Weight	23.35 lbs (10.59 kg) (UMA) 23.92 lbs (10.85 kg) (MXM)										
	Packaging Dimensions (WxDxH)	24.68 x 9.92 x 19.76 in 62.7 x 25.2 x 50.2 cm										
	Shipping Weight	28.79 lbs (13.06 kg)										
	Stand-Alone Power Requirements	<table border="0"> <tr> <td>Electrical Ratings</td> <td>100-240 V, 50/60 Hz, 2.0 A</td> </tr> <tr> <td>Idle Operating Power</td> <td>Integrated graphics: 30W</td> </tr> <tr> <td>Max Operating Power</td> <td><150W for systems with UMA graphics cards <180W for systems with MXM graphics cards</td> </tr> </table>	Electrical Ratings	100-240 V, 50/60 Hz, 2.0 A	Idle Operating Power	Integrated graphics: 30W	Max Operating Power	<150W for systems with UMA graphics cards <180W for systems with MXM graphics cards				
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	Temperature	<table border="0"> <tr> <td>Operating</td> <td>41° to 95° F (5° to 35° C)</td> </tr> <tr> <td>Non-operating</td> <td>-22° to 149° F (-30° to 65° C)</td> </tr> </table>	Operating	41° to 95° F (5° to 35° C)	Non-operating	-22° to 149° F (-30° to 65° C)						
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	Relative Humidity	Operating 15% to 80% @ 26° C										
	Altitude (unpressurized)	<table border="0"> <tr> <td>Operating</td> <td>0 to 6,562 ft (0 to 2000 m)</td> </tr> <tr> <td>Non-operating</td> <td>0 to 15,000 ft (0 to 4,572 m)</td> </tr> </table>	Operating	0 to 6,562 ft (0 to 2000 m)	Non-operating	0 to 15,000 ft (0 to 4,572 m)						
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	Industry Standard Certifications	<table border="0"> <tr> <td>UL</td> <td>Yes</td> </tr> <tr> <td>CSA</td> <td>Yes</td> </tr> <tr> <td>FCC Compliance</td> <td>Yes</td> </tr> <tr> <td>ENERGY STAR®</td> <td>Yes (for Windows OS only)</td> </tr> <tr> <td>EPEAT</td> <td>Silver* (for Windows OS only)</td> </tr> </table>	UL	Yes	CSA	Yes	FCC Compliance	Yes	ENERGY STAR®	Yes (for Windows OS only)	EPEAT	Silver* (for Windows OS only)
UL	Yes											
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	Environmental	<table border="0"> <tr> <td>BFR/PVC Free</td> <td>Yes (External accessories, including power supplies, power cords, and peripherals are not BFR/PVC-free.)</td> </tr> <tr> <td>Arsenic free display glass</td> <td>Yes</td> </tr> <tr> <td>Leakage current meets NFPA99</td> <td>Yes</td> </tr> <tr> <td>TAA Compliant</td> <td>Yes</td> </tr> </table>	BFR/PVC Free	Yes (External accessories, including power supplies, power cords, and peripherals are not BFR/PVC-free.)	Arsenic free display glass	Yes	Leakage current meets NFPA99	Yes	TAA Compliant	Yes		
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