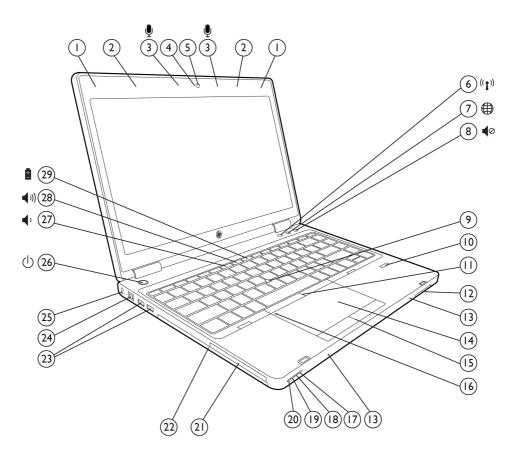
Overview

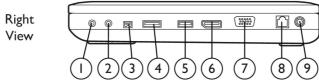


- 1. WLAN antennas
- 2. WWAN antennas (select models)
- 3. Dual-microphone array*
- 4. Webcam LED indicator (with optional webcam)
- 5. Optional 720p HD webcam
- 6. Wireless on/off button with LED indicator
- 7. HP QuickWeb button with LED indicator
- 8. Volume mute button with LED indicator
- 9. Optional pointstick
- 10. Optional HP Fingerprint Sensor
- 11. Pointstick pick buttons (with optional pointstick)
- 12. Secure Digital/MMC slot
- 13. Stereo speakers
- 14. Touchpad with scroll zone
- 15. Touchpad pick buttons

- 16. Touchpad on/off button with LED indicator
- 17. Hard drive activity / HP 3D DriveGuard LED indicator
- 18. Battery charging LED indicator
- 19. Power/standby LED indicator
- 20. Wireless on/off LED indicator
- 21. ExpressCard/54 slot or optional Smart Card Reader
- 22. Upgrade Bay (optical drive, second hard drive or weight saver)
- 23. (2) USB 2.0 ports
- 24. RJ-45/Ethernet port
- 25. Security lock slot
- 26. Power button with LED indicator
- 27. Volume down function key
- 28. Volume up function key
- 29. HP Power Assistant function key
- * Models without optional webcam have single integrated microphone on left side of display panel.

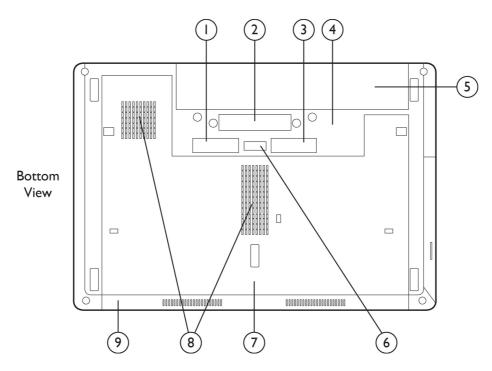


Overview



- 1. Stereo headphone/line out
- 2. Stereo microphone/line in
- 3. 1394a port
- 4. eSATA/USB 2.0 combo port
- 5. (1) USB 2.0 port

- 6. DisplayPort
- 7. VGA/external monitor connector
- 8. RJ-11/modem port
- 9. Power connector

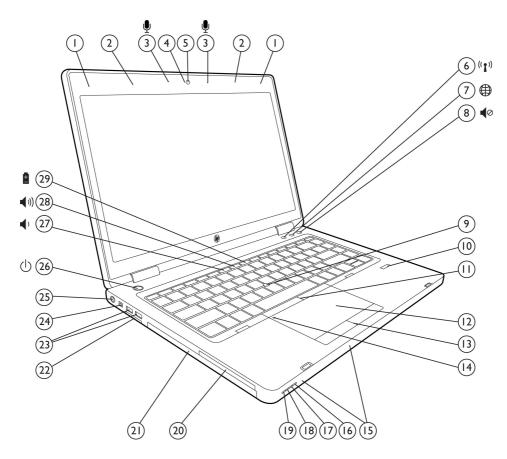


- 1. Battery release latch
- 2. Docking connector
- 3. Bottom cover release latch
- 4. SIM slot for WWAN (select models)
- 5. Battery bay

- 6. Secondary battery connector
- 7. Hard drive, memory, and wireless compartments under bottom cover
- 8. Vents
- 9. Bluetooth module compartment

HP ProBook 6460b Notebook PC

Overview



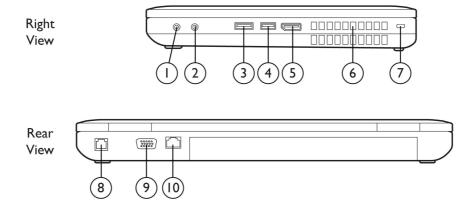
- 1. WLAN antennas
- 2. WWAN antennas (select models)
- 3. Dual-microphone array*
- 4. Webcam LED indicator (with optional webcam)
- 5. Optional 720p HD webcam
- 6. Wireless on/off button with LED indicator
- 7. HP QuickWeb button with LED indicator
- 8. Volume mute button with LED indicator
- 9. Optional pointstick
- 10. Optional HP Fingerprint Sensor
- 11. Pointstick pick buttons (with optional pointstick)
- 12. Touchpad with scroll zone
- 13. Touchpad pick buttons
- 14. Touchpad on/off button with LED indicator
- 15. Stereo speakers

- 16. Hard drive activity / HP 3D DriveGuard LED indicator
- 17. Battery charging LED indicator
- 18. Power/standby LED indicator
- 19. Wireless on/off LED indicator
- 20. ExpressCard/54 slot or optional Smart Card Reader
- 21. Upgrade Bay (optical drive, second hard drive or weight saver)
- 22. Secure Digital/MMC slot
- 23. (2) USB 2.0 ports
- 24. 1394a port
- 25. Power connector
- 26. Power button with LED indicator
- 27. Volume down function key
- 28. Volume up function key
- 29. HP Power Assistant function key



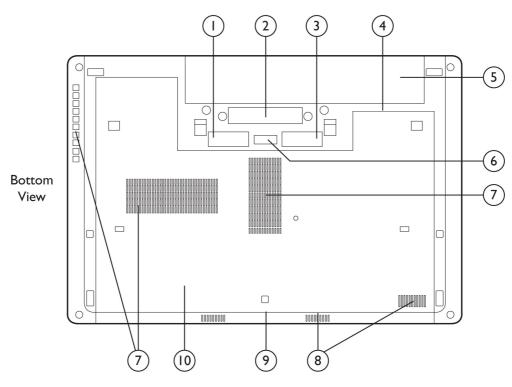
^{*} Models without optional webcam have single integrated microphone on left side of display panel.

Overview



- 1. Stereo headphone/line out
- 2. Stereo microphone/line in
- 3. eSATA/USB 2.0 combo port
- 4. (1) USB 2.0 port
- 5. DisplayPort

- 6. Vents
- 7. Security lock slot
- 8. RJ-11/modem port
- 9. VGA/external monitor connector
- 10. RJ-45/Ethernet port



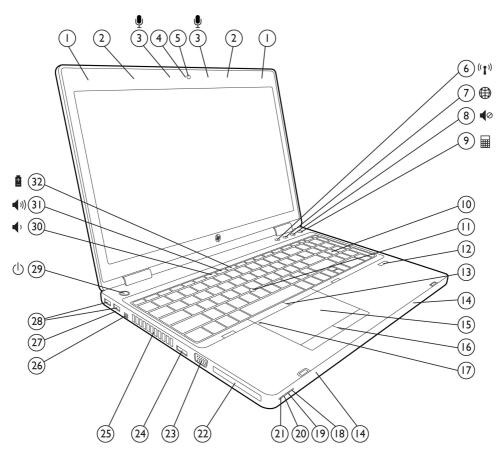
- 1. Battery release latch
- 2. Docking connector
- 3. Bottom cover release latch
- 4. SIM slot for WWAN (select models)
- 5. Battery bay
- 6. Secondary battery connector

- 7. Vents
- 8. Speakers
- 9. Bluetooth module compartment
- 10. Hard drive, memory, and wireless compartments under bottom cover



Overview

HP ProBook 6560b Notebook PC



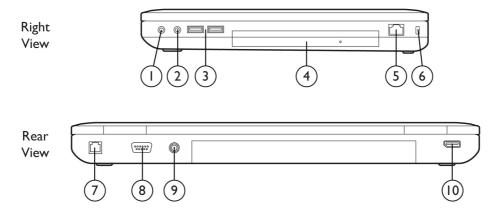
- 1. WLAN antennas
- WWAN antennas (select models)
- 3. Dual-microphone array*
- 4. Webcam LED indicator (with optional webcam)
- 5. Optional 720p HD webcam
- 6. Wireless on/off button with LED indicator
- 7. HP QuickWeb button with LED indicator
- 8. Volume mute button with LED indicator
- 9. Calculator button with LED indicator
- 10. Numeric keypad
- 11. Optional pointstick
- 12. Optional HP Fingerprint Sensor
- 13. Pointstick pick buttons (with optional pointstick)
- 14. Stereo speakers
- 15. Touchpad with scroll zone
- 16. Touchpad pick buttons

- 17. TouchPad on/off light
- 18. Hard drive activity / HP 3D DriveGuard LED indicator
- 19. Battery charging LED indicator
- 20. Power/standby LED indicator
- 21. Wireless on/off LED indicator
- 22. ExpressCard/54 slot or optional Smart Card Reader
- 23. VGA/external monitor connector
- 24. eSATA/USB 2.0 combo port
- 25. Vent
- 26. 1394a port
- 27. Secure Digital/MMC slot
- 28. (2) USB 2.0 ports
- 29. Power button with LED indicator
- 30. Volume down function key
- 31. Volume up function key
- 32. HP Power Assistant function key

^{*} Models without optional webcam have single integrated microphone on left side of display panel.

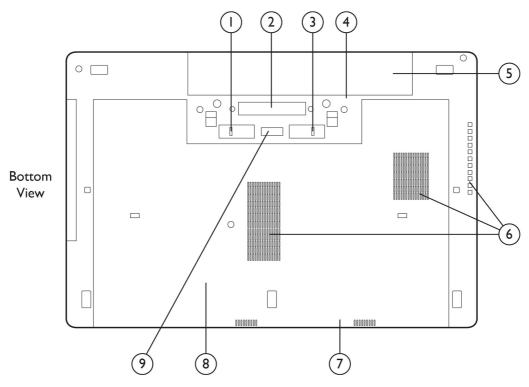


Overview



- 1. Stereo headphone/line out
- 2. Stereo microphone/line in
- 3. (2) USB 2.0 ports
- 4. Upgrade Bay (optical drive or second hard drive or weight saver)
- 5. RJ-45/Ethernet port

- 6. Security lock slot
- 7. RJ-11/modem port
- 8. Serial port
- 9. Power connector
- 10. DisplayPort



- 1. Battery release latch
- 2. Docking connector
- 3. Bottom cover release latch

- 6. Vents
- 7. Bluetooth module compartment
- 8. Hard drive, memory, and wireless compartments under bottom cover



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Overview

- 4. SIM slot for WWAN (select models)
- 5. Battery bay

9. Secondary battery connector

At A Glance

- Genuine Windows 7 versions, SuSE Linux Enterprise Desktop 11, or FreeDOS
- All new design with bead-blast aluminum display enclosure, magnesium-reinforced chassis, wear-resistant tungsten-colored HP DuraFinish, HP DisplaySafe frame, precision latches, and keyboard in full aluminum deck
- Choice of 2nd generation Intel® Core™ i7, i5 and i3 dual-core processors, or Celeron® processor
- Intel Core i7 with vPro and Core i5 with vPro technology (optional)
- AMD Radeon™ HD 6470M discrete graphics with 512 MB dedicated video memory (HP 6460b and 6560b only)
 or integrated Intel HD Graphics 3000 (Intel HD Graphics on Celeron configurations)
- AMD Eyefinity Technology for advanced multi-monitor support (HP 6460b and 6560b only)
- Widescreen LED-backlit display
 - HP ProBook 6360b: 13.3-inch diagonal HD
 - HP ProBook 6460b: 14.0-inch diagonal HD or HD+
 - HP ProBook 6560b: 15.6-inch diagonal HD or HD+ WVA
- Easily hot dock with one of the optional HP docking stations
- Choice of primary battery to optimize run-time or weight: 9-cell (100 WHr), 6-cell (55 WHr), or 3-cell (31 WHr)
- Touchpad with scroll zone; optional pointstick
- Security features including HP ProtectTools, with central management across HP and non-HP client PCs
- HP Power Assistant allows you to conserve power, stretch battery run-time, accurately monitor your reported power need, and report workforce power consumption.
- Flexible wireless connectivity options:
 - O Optional integrated HP hs2340 HSPA+ Mobile Broadband Module connects to both HSPA and HSPA+ (UMTS) networks and provides GPS functionality
 - Optional integrated HP un2430 EV-DO/HSPA Mobile Broadband Module (Gobi 3000) (availability expected May, 2011)
 - Integrated Intel Centrino® 802.11 a/b/g/n or b/g/n, or Broadcom 802.11 a/b/g/n or b/g/n wireless LAN module
 - Bluetooth® v2.1+EDR
- Upgrade Bay for optical drive, optional second hard drive, or weight saver
- Choice of 7200 rpm user-removable hard drive up to 750 GB with HP 3D DriveGuard protection, or 128/160 GB Solid State Drive
- BFR/PVC-free*, ENERGY STAR® qualified,** and EPEAT Gold registered in the U.S. EPEAT status varies by country—please see epeat.net.

**Microsoft Windows is required for ENERGY STAR qualification.



^{*} 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 as well as the following customer-configurable internal components: ATT SIM card are not BFR/PVC-free.

Standard Features (availability may vary by country)

Processors

2nd Generation Intel Core i7 Processors

Intel Core i7-2620M Processor (2.70 GHz, 4 MB L3 cache, 2 cores/4 threads, 35W)* Up to 3.40 GHz with Intel Turbo Boost Technology

2nd Generation Intel Core i5 Processors

Intel Core i5-2540M Processor (2.60 GHz, 3 MB L3 cache, 2 cores/4 threads, 35W)* Up to 3.30 GHz with Intel Turbo Boost Technology

Intel Core i5-2520M Processor (2.50 GHz, 3 MB L3 cache, 2 cores/4 threads, 35W)*

Up to 3.20 GHz with Intel Turbo Boost Technology

Intel Core i5-2410M Processor (2.30 GHz, 3 MB L3 cache, 2 cores/4 threads, 35W)* †

Up to 2.90 GHz with Intel Turbo Boost Technology

2nd Generation Intel Core i3 Processors

Intel Core i3-2330M Processor (2.20 GHz, 3 MB L3 cache, 2 cores/4 threads, 35W)* † Intel Core i3-2310M Processor (2.10 GHz, 3 MB L3 cache, 2 cores/4 threads, 35W)* †

Intel Celeron Processor

Intel B810 Processor (1.60GHz, 2MB L3 Cache, 2 threads, 35W)*

* Intel's numbering is not a measurement of higher performance.

† Not available with vPro.

NOTE: Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

Operating System

Preinstalled Genuine Windows 7 Professional 32*

Genuine Windows 7 Professional 64* Genuine Windows 7 Home Premium 32* Genuine Windows 7 Home Premium 64*

Genuine Windows 7 Home Basic 32* (select countries)

Genuine Windows 7 Starter* (select countries and configurations)

SuSE Linux Enterprise Desktop 11

FreeDOS

Supported Genuine Windows 7 Enterprise 32*

Genuine Windows 7 Enterprise 64*
Genuine Windows 7 Ultimate 32*
Genuine Windows 7 Ultimate 64*
Genuine Windows Vista Enterprise 32**
Genuine Windows Vista Enterprise 64**
Genuine Windows Vista Business 32**
Genuine Windows Vista Business 64**
Genuine Windows Vista Basic 32**†
Genuine Windows XP Professional 32

Certified

SuSE Linux Enterprise Desktop 11



^{*} 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.

^{**} Certain Windows Vista product features require advanced or additional hardware. See: http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and

HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

http://www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit: http://www.windowsvista.com/upgradeadvisor.

† Windows Vista Home Basic will not be a configuration choice after 9/30/11.

Chipset

Mobile Intel QM67 Express Chipset (vPro configurations with select processors) Mobile Intel HM65 Express Chipset (non-vPro configurations)

Intel Core i5 with vPro/Core i7 with vPro technology capable

Intel Core i5 with vPro and Core i7 with vPro technology is a selectable feature that is available on units configured with select processors, an Intel Centrino® Advanced-N WLAN module and a preinstalled Windows operating system. It provides advances in remote manageability, security, energy efficient performance, and wireless connectivity. Intel Active Management Technology 7.0 (iAMT) offers built-in manageability and proactive security for networked notebook PCs, even when they are powered off* or when the operating system is inoperable. It can help identify threats before they reach the network, isolate infected systems, and update PCs regardless of their power state.

*Requires a Windows operating system, network hardware and software, connection with a power source, and a direct (non-VPN) corporate network connection which is either cable or wireless LAN.

NOTE: Some functionality of Intel Core i5 with vPro/Core i7 with vPro technology, such as Intel Active Management technology and Intel Virtualization technology, requires additional third- party software in order to run. Availability of future "virtual appliances" applications for Intel Core i5 with vPro/Core i7 with vPro technology is dependent on third- party software providers. Compatibility with future "virtual appliances" is yet to be determined.

Graphics

Models with discrete graphics (HP 6460b and HP 6560b only):

AMD Radeon™ HD 6470M with 512 MB dedicated DDR3 video memory

Microsoft DirectX 11 (Shader Model 5.0) and OpenGL 4.0 capable

AMD Eyefinity Technology supports up to four independent displays

when using an HP Advanced Docking station

Models with integrated graphics: Intel HD Graphics 3000

Microsoft DirectX 10.1 (Shader Model 4.1) and OpenGL 3.0 capable **NOTE:** Intel HD Graphics for configurations with Celeron processor



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

Display

Internal HP ProBook 6360b:

13.3-inch diagonal LED-backlit HD anti-glare (1366 x 768 resolution)

HP ProBook 6460b:

14.0-inch diagonal LED-backlit HD anti-glare (1366 x 768 resolution) 14.0-inch diagonal LED-backlit HD+ anti-glare (1600 x 900 resolution)

HP ProBook 6560b:

15.6-inch diagonal LED-backlit HD anti-glare (1366 x 768 resolution) 15.6-inch diagonal LED-backlit HD+ WVA anti-glare (1600 x 900 resolution)

HP Privacy Filter support

External Up to 32-bit per pixel color depth

DisplayPort supports resolutions up to 2560 x 1600, 30-bit color depth at 60

Hz, and full HD (1920 x 1080) monitors, 24-bit color depth at 120 Hz **VGA** port supports resolutions up to 2048 x 1536 at 75 Hz, and lower

resolutions at up to 100 Hz

DVI-D (single link) video signal available through DVI port in optional HP

Docking Station (sold separately)

supports resolutions up to 1600 x 1200 at both full and reduced

blanking, and 1920 x 1200 at reduced blanking

NOTE: Resolutions are dependent upon monitor capability, and resolution and

color depth settings.

Memory

Standard DDR3 PC3-10600 SDRAM (1333 MHz)

Two SODIMM slots supporting dual-channel memory

2 GB, 4 GB, and 8 GB SODIMMs

Maximum Upgradeable to 16 GB with 8 GB SODIMMs in slots 1 and 2

Dual-channel Maximized dual-channel performance requires SODIMMs of the same size and

speed in both memory slots.

NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed. Full availability of 4 GB or more of memory requires a Windows 64-bit operating system or Linux. 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 Intel 82579LM Gigabit* Network Connection (vPro configurations)
Integrated Intel 82579V Gigabit* Network Connection (non- vPro configurations)

56K V.92 modem**

- * The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility 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.
- ** Designed for downloads from 56K modem compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. Modem availability is subject to country regulatory approval.



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

Wireless Devices

Support for a broad range of secure, integrated wireless LAN and wireless WAN options featuring support for the latest industry standards. Broadband Wireless (WWAN) requires a Windows operating system and is available in select countries as a standard, factory configurable feature only. Integrated Bluetooth is also available (factory configurable only) and can be combined with any of the supported wireless LAN and wireless WAN options.

Mobile Broadband

options

Two 850/900/1575/1700/1800/1900/2100 MHz antennas integrated in the top of the display panel support current and future WWAN technologies. **NOTE:** Separately purchased mobile network operator service is required.

HP hs2340 HSPA+ Mobile

Broadband Module

Integrated mobile broadband module that provides connectivity to both HSPA and HSPA+ (UMTS) networks. It also provides standalone, Internet and network assisted GPS functionality for various mapping applications and security applications such as Computrace Pro for HP ProtectTools.

HP un2430 EV-DO/HSPA

(availability expected May,

2011)

Integrated mobile broadband module with Gobi global mobile Internet Mobile Broadband Module technology that provides connectivity to both CDMA (EVDO) and UMTS (HSPA) networks. It also provides GPS functionality for various mapping applications and security applications such as Computrace LoJack Pro Premium for HP

All 802.11 integrated wireless LAN options ProtectTools. Wi-Fi Certified*

Cisco Compatible Extensions support

Wired Equivalent Privacy (WEP) support up to 128-bit keys

Wi-Fi Protected Access (WPA) and WPA2 support

802.1x authentication support, including EAP-TLS, EAP-TTLS, PEAP-GTC,

PEAP-MSCHAPv2, and LEAP

Advanced Encryption Standard (AES) support Dual antennas integrated in the display enclosure

Intel Centrino Advanced-

N 6205 (2x2)

Integrated support for 802.11a, b, g, and n*

2 transmit, 2 receive antennas Up to 300 mbps data rate

1000 (1x2)

Intel Centrino Wireless-N Integrated support for 802.11b, g, and n*

1 transmit, 2 receive antennas

Up to 300 mbps data rate

Broadcom 43224AGN

802.11a/b/q/n WiFi Adapter

Integrated support for 802.11 a, b, g, and n

Up to 300 mbps data rate

Broadcom 4313GN

802.11b/g/n WiFi Adapter Integrated support for 802.11 b, g, and n

Up to 72 mbps data rate

HP Integrated Module with Bluetooth 2.1+EDR Wireless Technology

Bluetooth Specification v2.1+EDR compliant Works with a wide range of Bluetooth devices

*Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

Keyboard

The HP spill-resistant keyboard is designed using a thin layer of Mylar film under the keyboard and a drain system that funnels fluid through a hole in the bottom of the notebook. This minimizes the risk of damage to sensitive components underneath. The 101/102-key compatible keyboard features a full-pitch key layout with desktop keyboard features, such as the isolated inverted-T cursor control keys, editing keys, both left and right control and alt keys, 12 function keys, and 19.05 x 19.05 mm key pitch (center-to-center spacing). U.S. and International key layouts are available. Other features include hot keys for instant access to power conservation and brightness. The HP ProBook 6560b includes a separate numeric keypad.

Launch Buttons and Function Keys

Separate launch buttons provide easy access to the following features: wireless on/off, HP QuickWeb, and volume mute. The HP ProBook 6560b also features a calculator launch button. Function keys provide control of the following features: standby mode, external display, volume down, volume up, HP Power Assistant, and display brightness.

Pointing device

Touchpad with on/off button, two-way scroll, gestures, two pick buttons Optional pointstick with two additional pointstick buttons (for a total of four)

Expansion card slots

ExpressCard/54 slot

Supports ExpressCard/54 and ExpressCard/34

or

Optional Integrated Smart Card Reader Compatible with ISO 7816 compliant Smart Cards

PC/SC interface support

(replaces ExpressCard/54

slot)

Secure Digital/MMC slot

Supports SD (Secure Digital), SDHC, SDXC, MMC (MultiMedia Card), and MMC+

Internal Storage

Hard drives

250/320/500/750 GB 7200 rpm SMART SATA II 320 GB 7200 rpm SMART SATA II Self Encrypting Drive

NOTE: These hard drives are customer removable and will withstand multiple insertion/removal cycles. Up to 10 GB is reserved for the system recovery software.

HP 3D DriveGuard

(Windows only)

The hard drive is mounted directly to the notebook frame, reducing the transmission of shock to the hard drive. Uses three-axis digital motion detection with intelligent sensitivity to help protect the hard drive during normal use from shock and vibration. The digital accelerometer temporarily halts all data transfer and parks the hard drive when abrupt motion is

detected.

Solid State Drive 128/160 GB

Upgrade Bay

Fixed 12.7 mm SATA

optical drive

Blu-ray ROM DVD+/-RW SuperMulti DL Drive

DVD+/-RW SuperMulti DL Drive

DVD-ROM Drive

Second hard drive

Weight saver

500 GB 7200 rpm SMART SATA II Hard Drive



Standard Features (availability may vary by country)

Interfaces ExpressCard/54 slot

One (or optional Smart Card Reader)

External monitor

Two - (1) DisplayPort, (1) VGA

1394a

One

Stereo microphone in

0ne

Stereo headphone/line

One

out

Power connector

One

RJ-11/modem
RJ-45/Ethernet

0ne

_

One

USB 2.0

Three on HP 6360b and HP 6460b; four on HP 6560b

eSATA/USB 2.0 combo

One

Serial port

One (HP ProBook 6560b only)

Docking connector

0ne

Secondary battery

0ne

connector

Audio/Visual S

SRS Premium Sound™

Integrated stereo speakers

Integrated microphone (dual-microphone array when equipped with optional webcam)

Button for volume mute; function keys for volume up and down

Stereo headphone/line out

Stereo microphone/line in

Optional 720p HD webcam

- HD format (widescreen)
- Supports videoconferencing and still image capture
- High quality fixed focus lens
- Video capture at various resolutions up to 1280x720 resolution (720p) and up to 30fps
- M-JPEG compression supports higher frame rates for video capture and videoconferencing
- Improved low light sensitivity
- Improved dynamic range



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

Software

Preinstalled software with Windows operating system

HP Recovery Manager HP Support Assistant

HP ProtectTools Security Manager

HP ProtectTools for Central Management

HP Hotkey Support HP QuickWeb HP Power Assistant HP Connection Manager 4.0

HP DayStarter

Microsoft Office 2010 preloaded (purchase of a Product Key required to activate a full Office 2010 suite)*

Norton Internet Security 2011**
PDF Complete Special Edition***

Intervideo WinDVD - DVD Player (select models)

Roxio Burn Secure (select models) Roxio MyDVD 10 SE (select models) HP Webcam Software (select models)

Skype

Additional software available from the web

HP SoftPaq Download Manager

HP Recovery Manager

Models shipped with Windows 7 or Windows Vista include HP Recovery Manager. HP Recovery Manager enables fast recovery of the factory preinstalled image if the system becomes corrupted or if important system files are accidentally deleted. Up to 20 GB of the hard drive is reserved for the system recovery software.



^{*} Microsoft Office 2010 Preloaded includes reduced functionality versions of Word and Excel. Purchase of Product Key required to activate full Office 2010 suite available at participating resellers/retailers and http://www.office.com.

^{**} Norton Internet Security 2011 includes 60 days of complimentary live updates; subscription required for live updates thereafter. Internet access required to receive updates.

^{***} PDF Complete Special Edition 60 day trial; purchase license afterwards for full functionality.

HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

_			• -
•	or	III	ιtν
•	cı	uı	ıty

Standard Features

HP ProtectTools Security Manager (standard modules include)

- Credential Manager
- Computrace* Pro
- Device Access Manager
- Drive Encryption
- Face Recognition (webcam configurations only)
- File Sanitizer
- Privacy Manager
- **Embedded Security**

Enhanced Pre-Boot Security (Multiuser / Multifactor)

HP SpareKey One-Step Logon

TPM 1.2 Embedded Security Chip**

HP Disk Sanitizer Security lock slot Support for Intel AT***

Optional Features

Smart Card Reader

Compatible with ISO 7816 compliant Smart Cards PC/SC interface support

(replaces ExpressCard/54

HP Fingerprint Sensor

slot)

Enhanced sensor scans the fingerprint to uniquely

identify and authenticate a person.

HP Privacy Filter Narrows viewing area so that screen data is

visible only to persons directly in front of the

monitor.

Module.

Computrace* Pro for HP **ProtectTools with GPS**

Tracking

Subscription based security solution providing the ability to track, initiate physical recovery, conduct asset management, and perform remote data delete by utilizing GPS technology. GPS functionality requires HP Mobile Broadband



^{*} The Computrace agent is shipped turned off, and must be activated by customers when they purchase a

subscription with terms ranging from one to five years. ** TPM module disabled where use is restricted by law, for example, Russia and China.

For more information on HP security solutions refer to: http://www.hp.com/products/security. *** Intel AT security requires a separately purchased Absolute Computrace service subscription and must be activated and configured. Check with Absolute for availability in your country. Intel and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom. See http://www.intel.com/technology/anti-theft/

HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

Manager with Central Management

HP ProtectTools Security HP ProtectTools Security Manager is the security platform for business notebooks and desktops. The HP ProtectTools Security Manager is an extensible client security console that delivers enhanced security capabilities through add-on software modules. The following modules are available on the hard drive (also downloadable from the web) and can be configured in Software Setup:

- Credential Manager for HP ProtectTools
- Device Access Manager for HP ProtectTools
- Drive Encryption for HP ProtectTools
- Face Recognition with Bluetooth Verification
- File Sanitizer for HP ProtectTools
- Privacy Manager for HP ProtectTools (Chat & Sign)
- Embedded Security for HP ProtectTools
- Computrace Pro for HP ProtectTools

HP ProtectTools is now capable of being centrally managed from a single control point. HP ProtectTools is management ready out of the box, in partnership with Digital Persona, and provides features that customers expect from a centrally managed security solution, such as user provisioning, credential reset, and system and network revocation . Central Management is available in two feature levels:

- Digital Persona Pro Enterprise: Designed for environments with Active Directory. For large businesses, as well as smaller businesses utilizing an active directory based infrastructure. Gives IT Managers the ability to create role based security policies, provision users, and create login policies based on passwords, biometrics or smart cards. Management features also include remote credential recovery in case the user forgets the password, loses the smart card, or cannot use the fingerprint reader for any reason. In addition, advanced auditing capabilities are also built in.
- Digital Persona Workgroup Manager: Designed for environments without Active Directory. This option can be used by smaller businesses as well as workgroups within large organizations. Workgroup Manager offers features similar to Digital Persona Pro Enterprise, but without active directory integration. Workgroup activation is built into HP ProtectTools, and activation of up to 5 seats is completely free.

Power Supply

Models with discrete graphics or quad-core processor:

External 90-watt Smart AC adapter

Models with integrated graphics and without quad-core processor:

External 65-watt Smart AC adapter

Power cord included is 6-foot (1.8 meter).

Total length including external AC adapter is 12 feet (3.66 meter).

HP Fast Charge*

*HP Fast Charge recharges your battery up to 90% within 90 minutes when the system is off. HP Fast Charge does not apply to the 9-cell primary battery, HP ST09 Extended Life Notebook Battery, or HP BB09 Ultra Extended Life Notebook Battery.



Standard Features (availability may vary by country)

Battery Primary battery HP 9-cell (100 WHr) Li-lon battery

HP 6-cell (55 WHr) Li-Ion battery HP 3-cell (31 WHr) Li-Ion battery

Optional HP Long Life

Battery

HP Long Life 6-cell (55 WHr) Battery (3-year warranty) HP Long Life 6-cell (51 WHr) Battery (1-year warranty)

Optional HP ST09

Extended Life Notebook

Battery

Optional HP BB09 Ultra Extended Life Notebook

Battery

9-cell (100 WHr) Li-Ion battery

9-cell (73 WHr) Li-Ion battery

Battery Life HP ProBook 6360b

9-cell (100 WHr) Up to 13 hours and 45 minutes **6-cell (55 WHr)** Up to 7 hours and 15 minutes

with optional Up to 17 hours and 45 minutes

HP ST09 Extended Life Notebook Battery

with optional Up to 22 hours

HP BB09 Ultra Extended Life Notebook Battery

3-cell (31 WHr) Up to 4 hours

HP ProBook 6460b*

6-cell (55 WHr) Up to 7 hours and 15 minutes

with optional Up to 20 hours and 45 minutes

HP ST09 Extended Life Notebook Battery

with optional Up to TBD hours and TBD minutes

HP BB09 Ultra Extended Life Notebook Battery

9-cell (100 WHr)3-cell (31 WHr)Up to 3 hours and 45 minutes

HP ProBook 6560b*

6-cell (55 WHr) Up to 6 hours and 45 minutes

with optional Up to 15 hours and 15 minutes

HP ST09 Extended Life Notebook Battery

with optional Up to 19 hours

HP BB09 Ultra Extended Life Notebook Battery

9-cell (100 WHr) Up to 12 hours



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Standard Features (availability may vary by country)

3-cell (31 WHr) Up to 3 hours and 15 minutes

* Configurations with integrated graphics.

NOTE: Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will

naturally decrease with time and usage. See MobileMark07 battery benchmark

www.bapco.com/products/mobilemark2007 for additional details.

System Standby Time

Up to 1 week

Power Conservation

AMD PowerPlay technology (models with discrete graphics)

Hibernation Standby

ACPI compliance

Docking and Stands

HP 90W Docking Station

HP 120W Advanced Docking Station

HP USB 2.0 Docking Station

HP Essential USB 2.0 Port Replicator

HP LAN and USB Travel Hub

NOTE: Some HP Docking stations may not support every feature of some HP Notebook models. Please refer to the individual docking station documentation for specific information about supported features.

Service and Support

HP Services offers limited 3-year, 1-year and 90-day warranty options depending on country. On-site service and warranty upgrades are also available. HP Care Pack Services extend service contracts beyond the standard warranties. 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: Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details. http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp.



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Options (availability may vary by country)

NOTE: Options/capabilities listed in the QuickSpecs represent those capabilities available through Base Units or Build to Order configurations. The various product features and capabilities will vary in terms of configurable vs. aftermarket options (AMOs). There may be options and capabilities available through CTO that are not available as AMOs.

Memory HP 1 GB (DDR3 1333 MHz) SODIMM AT911AA#xxx

HP 2 GB (DDR3 1333 MHz) SODIMM

HP 4 GB (DDR3 1333 MHz) SODIMM

HP 8 GB (DDR3 1333 MHz) SODIMM

QP013AA#xxx

HP 2 GB PC3-12800 (DDR3 1600 MHz) SODIMM

H2P63AA

HP 4 GB PC3-12800 (DDR3 1600 MHz) SODIMM

H2P64AA

HP 8 GB PC3-12800 (DDR3 1600 MHz) SODIMM

H2P65AA

NOTE: Full availability of 4 GB or more of memory requires Windows Vista Business 64-bit or Linux. 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. Due to system limitations, DDR3-1600 MHz memory will only be supported at DDR3-1333 MHz.

Storage	HP 250 GB Pocket Media Drive	FE477AA
---------	------------------------------	---------

HP Mobile USB DVD

XQ543AA

HP Mobile USB DVDRW

A2U57AA

HP Upgrade Bay SATA 500 GB 7200 rpm Hard Drive

LX733AA#xxx

HP Primary SATA 500 GB 7200 rpm Hard Drive

AU098AA#xxx

HP Upgrade Bay DL DVD+/-RW

LZ835AA

Expansion Solutions HP 2012 90W Docking Station A7E32AA

HP 2012 120W Advanced Docking Station A7E36AA **HP 90W Docking Station** VB041AA#xxx **HP 120W Advanced Docking Station** NZ222AA#xxx HP 2005pr USB 2.0 Port Replicator H1L07AA **HP USB 2.0 Docking Station** AY052AA#xxx HP Essential USB 2.0 Port Replicator AQ731AA#xxx **HP LAN and USB Travel Hub** BM868AA#xxx **HP Display & Notebook Stand** AW662AA#xxx **HP Adjustable Display Stand** AW663AA#xxx **HP Adjustable Dual Display Stand** AW664AA#xxx



AT912AA#xxx

HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Options (availability may vary by country)

•		
Power	HP ST09 Extended Life Notebook Battery	QK639AA
	HP BB09 Ultra Extended Life Notebook Battery	QK640AA QK642AA
	HP CCO6XL Long Life Notebook Battery	
	HP CC09 Notebook Battery	QK643AA
	HP 90W Smart AC Adapter	ED495AA#xxx
	HP 90W Smart AC/Auto/Air Combo Adapter	AJ652AA#xxx
	HP 90W Smart Auto/Truck Adapter	ED493AA
	HP 65W Slim Adapter	AX727AA#xxx
	HP 90W Slim Adapter	BT796AA#xxx
Carrying Cases	HP Basic Carrying Case	AJ078AA
	HP Business Nylon Case	BP848AA
	HP Professional Slim Top Load Case	AY530AA
Security	HP Notebook Combo Lock	AY475AA#xxx
	HP Keyed Cable Lock	BV411AA
	HP 13.3-inch Display Privacy Filter	AU649AA#xxx
	HP 14.0-inch Display Privacy Filter	AU100AA#xxx
	HP 15.6-inch Display Privacy Filter	AU103AA#xxx
Input/Output Devices	HP USB Optical Travel Mouse	RH304AA
	HP USB/PS2 Optical 2-Button Scroll Mouse	DC369A
	HP USB Keyboard & Mouse Bundle	RC465AA#xxx



Technical Specifications

System Unit Dimensions (HxWxD) HP ProBook 6360b:

1.32 in (at front) x 12.68 in x 8.66 in 33.7 mm (at front) x 322 mm x 220 mm

HP ProBook 6460b:

1.34 in (at front) x 13.31 in x 9.11 in 34.0 mm (at front) x 338 mm x 231.3 mm

HP ProBook 6560b:

1.35 in (at front) x 14.72 in x 9.86 in 34.3 mm (at front) x 374 mm x 250.5 mm

Weight HP ProBook 6360b:

Starting at 4.19 lb (1.90 kg) with hard drive, weight saver

(no optical drive), and 3-cell battery

Starting at 4.46 lb (2.02 kg) with hard drive optical drive, and 3-cell battery

Starting at 4.65 lb (2.11 kg) with hard drive optical drive,

and 6-cell battery

Starting at 5.45 lb (2.47 kg) with hard drive optical drive,

and 9-cell battery

HP ProBook 6460b:

Starting at 4.48 lb (2.03 kg) with SSD, weight saver

(no optical drive), and 3-cell battery

Starting at 4.78 lb (2.17 kg) with hard drive, optical drive,

and 3-cell battery

Starting at 4.78 lb (2.17 kg) with SSD, weight saver

(no optical drive), and 6-cell battery

Starting at 5.09 lb (2.31 kg) with hard drive, optical drive,

and 6-cell battery

Starting at 5.14 lb (2.33 kg) with SSD, weight saver

(no optical drive), and 9-cell battery

Starting at 5.45 lb (2.47 kg) with hard drive, optical drive,

and 9-cell battery

HP ProBook 6560b:

Starting at 5.50 lb (2.50 kg) with hard drive, weight saver

(no optical drive), and 3-cell battery

Starting at 5.76 lb (2.62 kg) with hard drive, optical drive,

and 3-cell battery

NOTE: Height varies depending upon where on the notebook the measurement is made. Weight varies by configuration and components. Weight includes 3-cell battery and WLAN.

Stand-Alone Power Nominal Operating Voltage 18.5 V

Requirements (AC Power) Average Operating Power Integrated graphics: TBD W

Discrete graphics: TBD W

Max Operating Power < 65 W

or

< 90 W



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Temperature	Operating*	32° to 95° F (0° to 35° C) (not writing optical)
		41° to 95° F (5° to 35° C) (writing optical)
	Non-operating	-4° to 140° F (-20° to 60° C)
Relative Humidity	Operating	10% to 90%, non-condensing
	Non-operating	5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature
Shock	Operating	125 G, 2 ms, half-sine
	Non-operating	200 G, 2 ms, half-sine
Random Vibration	Operating	0.75 grms
	Non-operating	1.50 grms
Altitude	Operating	-50 to 10,000 ft (-15.24 to 3,048 m)
(unpressurized)	Non-operating	-50 to 40,000 ft (-15.24 to 12,192 m)
Planned	UL	Yes
Industry Standard	CSA	Yes
Certifications	FCC Compliance	Yes
	ENERGY STAR®	Select models**
	EPEAT	Gold***
	ICES	Yes
	Australia / NZ A-Tick Compliance	Yes
	CCC	Yes
	Japan VCCI Compliance	Yes
	KCC	Yes
	BSMI	Yes
	CE Marking Compliance	Yes

^{*} At temperatures above 86° F (30° C), the Intel Core i3-2310M Processor may not run at maximum clock speed.

NOTE: For accessibility information on HP products, please visit: http://www.hp.com/accessibility.

Audio SRS Premium Sound



^{**} Configurations of the HP ProBook 6360b, HP ProBook 6460b and HP ProBook 6560b that are ENERGY STAR qualified are identified as HP ProBook 6360b ENERGY STAR, HP ProBook 6460b ENERGY STAR and HP ProBook 6560b ENERGY STAR on HP websites and on www.energystar.gov.

^{***} EPEAT Registered Gold in U.S. EPEAT registration varies by country. See www.epeat.net for registration status by country.

Hardware Implementation IDT 92HD87 High Definition CODEC

Touch-Sensitive Volume Volume up, volume down, and mute

Controls

Full DuplexYesMicrophone InStereoHeadphone/Line OutStereo

Integrated Microphone Yes, dual digital microphone array when equipped with optional webcam

Audio Output Quality Frequency Response 20 Hz – 20 kHz

Signal to Noise Ratio >85 dB

Total Harmonic Distortion 0.01%

Noise Floor -110 dB

Play/Record Sampling 8 kHz - 48kHz

Rate(s)

DAC 16, 20 or 24-bit **ADC** 16 or 20-bit

Integrated StereoPower Rating2 WattsSpeakersImpedance4 Ohms

Power

HP 90W Smart AC Adapter Dimensions 5.00 x 1.97 x 1.1 in (12.7 x 5.0 x 2.9 cm)

 Weight
 0.82 lb (370 g)

 Input
 100 to 240 VAC

Input Efficiency 87% min at 115 VAC

Input frequency range 47 to 63 Hz

Input AC current 1.5 A at 90 VAC, 0.75 A at 180 VAC PFC Version

2.4 A at 90 VAC, 1.2 A at 180 VAC NON PFC Version

Output Output power 90W

DC output 19.0V

Hold-up time 5 msec at 115 VAC input

Output current limit <11A, Over voltage protection- 29V max

automatic shutdown

Connector 3 pin/grounded, mates with interchangeable cords **Environmental Design** Operating temperature 32° to 104° F (0° to 40° C)

Non-operating (storage) -4° to 149° F (-20° to 65° C)

temperature

Altitude 0 to 10,000 ft (0 to 3,048 m)



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Humidity 20% to 80%

Storage Humidity 10% to 90%

EMI and Safety Certifications CE Mark - full compliance with LVD and EMC directives; Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE; MTBF- over 200,000 hours at 25°C ambient condition.

HP 65W Smart AC Adapter Dimensions 4.17 x 1.85 x 1.1 in (10.6 x 4.7 x 2.8 cm)

 Weight
 0.62 lb (280 g)

 Input
 100 to 240 VAC

Input Efficiency 87% min at 115 VAC

Input frequency range 47 to 63 Hz

Input AC current 1.7 A at 90 VAC, 0.85 A at 180 VAC

Output Output power 65W

DC output 18.5V

Hold-up time 5 msec at 115 VAC input

Output current limit <11A, Over voltage protection- 29V max

automatic shutdown

Connector 3 pin/grounded, mates with interchangeable cords **Environmental Design** Operating temperature 32° to 104° F (0° to 40° C)

Non-operating (storage) -4° to 149° F (-20° to 65° C)

temperature

Altitude 0 to 10,000 ft (0 to 3,048 m)

Humidity 20% to 80% Storage Humidity 10% to 90%

EMI and Safety Certifications CE Mark - full compliance with LVD and EMC directives; Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B,

CCC, NOM-1 NYCE; MTBF - over 200,000 hours at 25°C ambient condition.



Optional HP BB09 Ultra Extended Life Notebook Battery **Dimensions** (H x W x L) 1.2 x 5.9 x 11.4 in (3x15x29cm)

Weight (max) 1.5lb, (.682kg)
Cells/Type Lithium-Ion

Energy Voltage 11.25V

Amp-hour capacity 8.85Ah Watt-hour capacity 100Wh

Temperature Operating (Charging) 32° to 113° F (0° to 45° C)

Operating (Discharging) 14° to 122° F(-10° to 50° C) Non-operating -4° to 122° F (-20° to 50° C)

Battery Re-Charge Time System in OFF or Standby 3.5 to 5 hours

Mode

System ON 4 to 7 hours

Fuel Gauge LEDYesWarranty1 yearOptional Travel BatteryNA

Available

Optional HP STO9 Extended Life Notebook Battery **Dimensions** (H x W x L) 1.2 x 6.1 x 12 in (3x15.5x30.5cm)

Weight (max) 1.2lb, (.550kg)
Cells/Type Lithium-Ion Polymer

Energy Voltage 11.1V

Amp-hour capacity 6.6Ah Watt-hour capacity 73Wh

Temperature Operating (Charging) 32° to 113° F (0° to 45° C)

Operating (Discharging) 14° to 122° F(-10° to 50° C) Non-operating -4° to 122° F (-20° to 50° C)

Battery Re-Charge Time System in OFF or Standby 3.5 to 5 hours

Mode

System ON 4 to 7 hours

Fuel Gauge LEDYesWarranty1 yearOptional Travel BatteryNA

Available

Optional HP 6-cell (55 WHr) Long Life Battery

Dimensions (H x W x L) 0.8 x 1.8 x 8.0in (2.0 x 4.7 x 20.5cm)

Weight (max) .72lb, (.323kg)
Cells/Type Lithium-Ion

Energy Voltage 10.8V Amp-hour capacity 5.1Ah

Watt-hour capacity 55Wh

Temperature Operating (Charging) 32° to 113° F (0° to 45° C)

Operating (Discharging) 14° to 122° F(-10° to 50° C) Non-operating -4° to 122° F (-20° to 50° C)

Battery Re-Charge Time System in OFF or Standby 2.5 hours

Mode

System ON 3 to 5 hours

Fuel Gauge LEDNoWarranty3 yearsOptional Travel BatteryYes

HP 9-cell (100 WHr) Lithium-Ion Primary battery **Dimensions** (H x W x L) 0.8 x 2.4 x 8.1in (2 x 6.6 x 20.5cm)

Weight (max) 1.1lb, (.488kg)
Cells/Type Lithium-Ion

Energy Voltage 11.25V

Amp-hour capacity 8.85Ah Watt-hour capacity 100Wh

Temperature Operating (Charging) 32° to 113° F (0° to 45° C)

Operating (Discharging) 14° to 122° F(-10° to 50° C) Non-operating -4° to 122° F (-20° to 50° C)

Battery Re-Charge Time System in OFF or Standby 3.5 to 5 hours

Mode

System ON 4 to 7 hours

Fuel Gauge LED No
Warranty 1 year
Optional Travel Battery Yes

Available

Available

HP 6-cell (55 WHr) Lithium-Ion Primary battery **Dimensions** (H x W x L) 0.8 x 1.8 x 8.0in (2.0 x 4.7 x 20.5cm)

Weight (max) .70lb, (.313kg)
Cells/Type Lithium-Ion

Energy Voltage 10.8V Amp-hour capacity 5.1Ah

Watt-hour capacity 55Wh

Temperature Operating (Charging) 32° to 113° F (0° to 45° C)

Operating (Discharging) 14° to 122° F(-10° to 50° C) Non-operating -4° to 122° F (-20° to 50° C)

Battery Re-Charge Time System in OFF or Standby 2.5 hours

Mode

System ON 3 to 5 hours

Fuel Gauge LED No
Warranty 1 year
Optional Travel Battery Yes

Available

HP 3-cell (31 WHr) Lithium-Ion Primary battery **Dimensions** (H x W x L) 0.8 x 1.8 x 8.0in (2.0 x 4.7 x 20.5cm)

Weight (max) 0.47lb, (.210kg)
Cells/Type Lithium-Ion

Energy Voltage 11.1V

Amp-hour capacity 2.8Ah Watt-hour capacity 31Wh

Temperature Operating (Charging) 32° to 113° F (0° to 45° C)

Operating (Discharging) 14° to 122° F(-10° to 50° C) Non-operating -4° to 122° F (-20° to 50° C)

Battery Re-Charge Time System in OFF or Standby 2.5 hours

Mode

System ON 3 to 5 hours

Fuel Gauge LEDNoWarranty1 yearOptional Travel BatteryYes

Available

Displays



Technical Specifications

15.6-inch LED HD (1366 x 768) anti-glare **Dimensions** (W x H) 13.54 x 7.59 in (34.4 x 19.4 cm)

Diagonal Size15.6 in (39.6cm)Surface TreatmentAnti-glareContrast Ratio300:1 (typical)

Refresh Rate 60 Hz

Brightness 200 nit (typical)

 Pixel Resolution
 Pitch
 0.252 mm

 Format
 1366 x 768

Configuration RGB Stripe

Backlight LED PPI 100 ppi

Viewing Angle ±30° Horizontal, ±10° Vertical (minimum)

30/30/20/10 (Left/Right/Down/Up) (minimum) or 45/45/35/25 (Left/Right/Down/Up) (typical)

15.6-inch LED HD+ WVA (1600 x 900) anti-glare **Dimensions** (W x H) 13.54 x 7.59 in (34.4 x 19.4 cm)

Diagonal Size 15.6 in (39.6cm)
Surface Treatment Anti-glare
Contrast Ratio 300:1 (typical)

Refresh Rate 60 Hz

Brightness 200 nit (typical)

 Pixel Resolution
 Pitch
 0.215 mm

 Format
 1600 x 900

Configuration RGB Stripe

Backlight LED PPI 118 ppi

Viewing Angle ±60° Horizontal, ± 50° Vertical (minimum) or

±70° Horizontal, ±60° Vertical (typical)



14.0-inch LED HD (1366 x

768) anti-glare **Dimensions** (W x H) 12.74 x 7.56 in (32.4 x 19.2 cm)

Diagonal Size14.0 in (35.6cm)Surface TreatmentAnti-glareContrast Ratio400:1 (typical)

Refresh Rate 60 Hz

Brightness 200 nit (typical)

 Pixel Resolution
 Pitch
 0.227 mm

 Format
 1366 x 768

Configuration

Backlight LED

112 ppi

Viewing Angle ±30° Horizontal, ±10° Vertical (minimum)

30/30/20/10 (Left/Right/Down/Up) (minimum) or 45/45/35/25 (Left/Right/Down/Up) (typical)

RGB Stripe

14.0-inch LED HD+ (1600 x Dimensions (W \times H)

PPI

900) anti-glare **Dimensions** (W x H) 12.74 x 7.56 in (32.4 cm x 19.2 cm)

Diagonal Size 14.0 in (35.6cm)

Surface Treatment Anti-glare

Contrast Ratio 300 (min)

Refresh Rate 60 Hz

Brightness 200 nits (typ)

Pixel Resolution Pitch 0.1935mm

Format 1600 x 900
Configuration RGB Stripe

Backlight LED PPI 131 ppi

Viewing Angle 30/30/20/10 (Left/Right/Down/Up) (minimum)



13.3-inch LED HD (1366 x

768) anti-glare **Dimensions** (W x H) 11.53 x 6.49 in (29.3 x 16.5 cm)

Diagonal Size13.3 in (33.8cm)Surface TreatmentAnti-glareContrast Ratio400:1 (typical)

Refresh Rate 60 Hz

Brightness 200 nit (typical)

 Pixel Resolution
 Pitch
 0.215 mm

 Format
 1366 x 768

Configuration RGB Stripe

Backlight LED
PPI 118 ppi

Viewing Angle ±30° Horizontal, ±10° Vertical (minimum)

30/30/20/10 (Left/Right/Down/Up) (minimum) or 45/45/35/25 (Left/Right/Down/Up) (typical)

Internal Storage

750 GB 7200 rpm SATA

Hard Drive

Drive Weight 0.25 lbs (115g)

Capacity 750 GB

 Height
 0.37 in (9.5 mm)

 Width
 2.75 in (70 mm)

Interface ATA-8, SATA 2.6, 3.0 Gb/s, NCQ

Transfer Rate Synchronous (maximum) 300 MB/s (Drive Capability)

Seek TimeSingle Track1.5 ms(typical reads, including settling)Average11 msMaximum22 ms

Rotational Speed 7200 rpm

Logical Blocks 1,465,149,168

Operating Temperature 32° to 140° F (0° to 60° C) [case temp]

Features ATA Security



500 GB 7200 rpm SATA Hard Drive **Drive Weight** 0.25 lbs (115g)

Capacity 500 GB

 Height
 0.37 in (9.5 mm)

 Width
 2.75 in (70 mm)

Interface ATA-8, SATA 2.6, 3.0 Gb/s, NCQ

Transfer Rate Synchronous (maximum) 300 MB/s (Drive Capability)

Seek TimeSingle Track1.5 ms(typical reads, including settling)Average11 msMaximum22 ms

Rotational Speed 7200 rpm **Logical Blocks** 976,773,168

Operating Temperature 32° to 140° F (0° to 60° C) [case temp]

Features ATA Security

320 GB 7200 rpm SATA Hard Drive **Drive Weight** 0.25 lbs (115 g)

Capacity 320 GB

 Height
 0.37 in (9.5 mm)

 Width
 2.75 in (70 mm)

Interface ATA-8, SATA 2.6, 3.0 Gb/s, NCQ

Transfer Rate Synchronous (maximum) 300 MB/s (Drive Capability)

Seek TimeSingle Track1.5 ms(typical reads, including
settling)Average11 msMaximum22 ms

Rotational Speed 7200 rpm **Logical Blocks** 625,142,448

Operating Temperature 32° to 140° F (0° to 60° C) [case temp]

Features ATA Security

HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

250 GB 7200 rpm SATA Hard Drive

Drive Weight 0.25 lbs (115g)

Capacity 250 GB

 Height
 0.37 in (9.5 mm)

 Width
 2.75 in (70 mm)

Interface ATA-8, SATA 2.6, 3.0 Gb/s, NCQ

Transfer Rate Synchronous (maximum) 300 MB/s (Drive Capability)

Seek TimeSingle Track1.5 ms(typical reads, including settling)Average11 msMaximum22 ms

Rotational Speed 7200 rpm **Logical Blocks** 488,397,168

Operating Temperature 32° to 140° F (0° to 60° C) [case temp]

Features ATA Security

160 GB 2.5-inch SATA Solid State Drive Drive Weight 78 Grams
Capacity 160 GB

Height0.276 in (7 mm)Width2.76 in (70 mm)InterfaceSATA Gen 2

Performance Maximum Sequential Read Maximum Sequential Write

250 MB/s 100 MB/s

Logical Blocks 312,581,808

Operating Temperature 32° to 158°F (0° to 70°C) [case temp] **Features** ATA Security; ATA-7; SATA 2.6; DIPM; TRIM

128 GB 2.5-inch SATA Solid State Drive

Drive Weight 75 Grams **Capacity** 128 GB

Height0.276 in (7 mm)Width2.76 in (70 mm)InterfaceSATA Gen 2

Performance Maximum Sequential Read Maximum Sequential Write

250 MB/s 140 MB/s

Logical Blocks 250,069,680

Operating Temperature 32° to 158°F (0° to 70°C) [case temp] **Features** ATA Security; ATA-7; SATA 2.6; DIPM; TRIM

Optical Drives



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

DVD-ROM Drive Access Times Random

< 140 ms CD (typical) < 160 ms DVD (typical)

Max Data Transfer Rate 24X CD-ROM

8X-DVD

Transfer Mode UDMA Mode 5
Interface Gen 1 SATA

Supported Media (read) CD-DA, CD-TEXT, CD-ROM, CD-ROM XA, MIXED MODE CD, CD-I, CD-I Bridge

(Photo-CD, Video CD), Multisession CD (Photo-CD, CD-EXTRA, Portfolio, CD-R, CD-RW), CD-R, CD-RW, DVD-ROM (DVD-5, DVD-9, DVD-10, DVD-18), DVD-R,

DVD-RW, DVD+R, DVD+RW, DVD-RAM

Supported Media (write) None Max Media Capacity (read) 8.5GB

Transport Tray Loading

DVD+/-RW SuperMulti DL Access Times
Drive

Access Times Random

<140ms CD (typical)

< 160 ms DVD (typical)

Max Data Transfer Rate 24X CD-ROM

8X DVD
24X CD-R
24X CD-RW
8X DVD+R
8X DVD+RW
8X DVD-R
6X DVD-RW

6X - DVD+R Dual Layer 6X - DVD-R Dual Layer

5X DVD-RAM

Transfer Mode UDMA Mode 5
Interface Gen 1 SATA

Supported Media (read) CD-DA, CD-TEXT, CD-ROM, CD-ROM XA, MIXED MODE CD, CD-I, CD-I Bridge

(Photo-CD, Video CD), Multisession CD (Photo-CD, CD-EXTRA, Portfolio, CD-R, CD-RW), CD-R, CD-RW, DVD-ROM (DVD-5, DVD-9, DVD-10, DVD-18), DVD-R.

DVD-RW, DVD+R, DVD+RW, DVD-RAM

Supported Media (write) CD-R, CD-RW, DVD+R, DVD+RW, DVD-R, DVD-RW, DVD-RAM, DVD+R DL, DVD-R

DL

Max Media Capacity (read) 8.5 GB

Max Media Capacity 8.5

(write)

8.5 GB

Transport Tray Loading



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Blu-ray ROM DVD+/-RW SuperMulti DL Drive

Access Times

Random

<190 ms CD-ROM (typical)

< 180ms DVD-ROM (typical)

<230 ms BD-ROM (typical)

Max Data Transfer Rate

8X DVD-ROM 24X CD-R 16X CD-RW 8X DVD+R 8X DVD+RW 8X DVD-R

6X DVD-RW

24X CD-ROM

4X - DVD+R Dual Layer 4X - DVD-R Dual Layer

5X DVD-RAM 6X BD-ROM

Transfer Mode UDMA Mode 5 Interface Gen 1 SATA

Supported Media (read) CD-DA, , CD-TEXT, CD-ROM, CD-ROM XA, MIXED MODE CD, CD-I, CD-I Bridge

(Photo-CD, Video CD), Multisession CD (Photo-CD, CD-EXTRA, Portfolio, CD-R, CD-RW), CD-R, CD-RW, DVD-ROM (DVD-5, DVD-9, DVD-10, DVD-18), DVD-R,

DVD-RW, DVD+R, DVD+RW. DVD-RAM, BD-ROM, BD-R, BD-RE

CD-R, CD-RW, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW, DVD-**Supported Media** (write)

RAM

Max Media Capacity (read) 50.0 GB **Max Media Capacity** 8.5GB

(write)

Transport Tray Loading

Security

HP Fingerprint Sensor

(optional)

Mobile Voltage Operation 3.0V-3.6V Single Supply

 $32^{\circ} - 158^{\circ}F (0^{\circ} - 70^{\circ}C)$ **Operating Temperature**

Current Consumption @

3.3V Less than 25 mA hardware finger detection

Advanced Power Management

Less than 70 mA peak imaging and scrolling

High-Rate Image Capture Up to 240 image frames /sec **ESD Resistance** IEC 61000-4-2 Level 4 (±15KV)

Detection Matrix 192 x 16 Pixels

9.7 mm x 0.81 mm

500 ppi High-Resolution Images



Communications

Intel® 82579LM Gigabit Network Connection

Power

Ethernet Features 10 Mbit/s opera

10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14) 100 10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14) 100 Mbit/s operation (100BASE-TX; IEEE 802.3u; IEEE 802.3 clauses 21-30) 1000 Mbit/s operation (1000BASE-T; IEEE 802.3ab; IEEE 8023. Clauses 40)

Auto-Negotiation (Automatic Speed Selection)

Full Duplex Operation at all Speeds, Half Duplex operation at 10 and 100

Mbit/s

IEEE 802.1p QoS (Quality of Service) Support

IEEE 802.1q VLAN support

IEEE 802.3x Flow Control (IEEE 802.3 clauses 31-32; configurable)

IEEE 802.3az EEE(Energy Efficient Ethernet)

Jumbo Frame 9K

Auto MDI/MDIX Crossover cable detection ACPI compliant - multiple power modes

ManagementEnergy Detect Low Power Mode(Green Ethernet)PerformanceTCP/IP/UDP Checksum Offload (configurable)

Features Protocol Offload(ARP & NS)

Large send offload and Giant send offload

Receiving Side Scaling MACSec Offload (802.3ae)

Intel vPro iSCSI Boot

Manageability Wake-on-LAN from standby and hibernation (Magic Packet and Microsoft

Wake-Up Frame); Wake-on-LAN from off (Magic Packet only)

PXE 2.1 Remote Boot

Statistics Gathering (SNMP MIB II, Ethernet-like MIB, Ethernet MIB (802.3x,

clause 30))

Comprehensive diagnostic and configuration software suite

Virtual Cable Doctor for Ethernet cable status

Interface PCI Express 1.1 x1 to fully support ASPM LOs/L1 and CLKREO.

NOTE: Intel 82579 PCIe interface is not PCIe compliant. It operates at half of

PCIe specification V1.1 (2.5GT/S) speed.

NIC Device Driver Name Intel 82579LM/82579V Ethernet Network Connection



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Intel® 82579V Gigabit Network Connection **Ethernet Features**

Power

10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14) 100 10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14) 100 Mbit/s operation (100BASE-TX; IEEE 802.3u; IEEE 802.3 clauses 21-30) 1000 Mibt/s operation (1000BASE-T; IEEE 802.3ab; IEEE 8023 clauses 40)

Auto-Negotiation (Automatic Speed Selection)

Full Duplex Operation at all Speeds, Half Duplex operation at 10 and 100

Mbit/s

IEEE 802.1p QoS (Quality of Service) Support

IEEE 802.1q VLAN support

IEEE 802.3x Flow Control (IEEE 802.3 clauses 31-32; configurable)

IEEE 802.3az EEE(Energy Efficient Ethernet)

Jumbo Frame 9K

Auto MDI/MDIX Crossover cable detection
ACPI compliant - multiple power modes

ManagementEnergy Detect Low Power Mode(Green Ethernet)PerformanceTCP/IP/UDP Checksum Offload (configurable)

Features Protocol Offload (ARP & NS)

Large send offload and Giant send offload

Receiving Side Scaling

Manageability Wake-on-LAN from standby and hibernation (Magic Packet and Microsoft

Wake-Up Frame); Wake-on-LAN from off (Magic Packet only)

PXE 2.1 Remote Boot

Statistics Gathering (SNMP MIB II, Ethernet-like MIB, Ethernet MIB (802.3x,

clause 30))

Comprehensive diagnostic and configuration software suite

Virtual Cable Doctor for Ethernet cable status

Interface Intel PCI Express-Base 1.1 x1 to fully support ASPM LOs/L1 and CLKREQ

NOTE: Intel 82579 PCIe interface is not PCIe compliant. It operators at half of

PCIe specification V1.1 (2.5GT/S) speed.

NIC Device Driver Name Intel 82579LM/82579V Ethernet Network Connection

V.92 56K Data/Fax Modem Form Factor

MDC 1.5 Daughtercard

Power Management

Support

APM Revision 1.2, ACPI

Approvals/ Certifications UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other

Countries

Data Mode Capabilities V.92 data

V.8bis V.80

V44, V.42bis, MNP5 (Compression)
V.42 (LAPM, MNP2-4) (Error Correction)

Optional symbol rates:

2800, 3429

Asymmetric Symbol rates

Synchronous primary channel data signaling rates:



Technical Specifications

3600, 31200

Automatic rate re-negotiation

V.34 V.32bis V.32 V.23 V.22bis V.22 V.21 Bell 212A Bell 103J

Fax Mode Capabilities

TIA/EIA-578-B (Class 1)

T.30, T.4 (Group 3)

V.17 V.29 V.27ter V.21 Channel 2 T.31

Command Set V.250 (Partial)

TIA-602

Identification: +GMI, +GMM, +GMR Port control: +IPR, +ICF, +IFC, +ILRR

Modulation: +MS, +MR, +MA

Error control: +ES, +ER, +EB, +ESR, +ETBM

Data compression: +DS, +DR

V.251

HP un2430 EV-DO/HSPA Mobile Broadband Module Technology/Operating

Bands

GSM/GPRS/EDGE: 850MHz(Cell), 900MHz(EGSM), 1800MHz(DCS), 1900MHz

(PCS)

UMTS/WCDMA with receive diversity: 2100MHz (UTRA FDD Band I), 1900MHz (UTRA FDD Band II), AWS (UTRA FDD Band IV), 900MHz(UTRA FDD Band VIII),

850MHz (UTRA FDD Band V)

1xEVDO/1xRTT with receive diversity: 850MHz (Band Classo-Cell), 1900MHz

(Band Class1-PCS)

Wireless Protocol

Standards

GSM/GPRS/EDGE: Class A, Multi-slot class 10 operation, coding schemes CS1 -

CS4 and MSC1 - MSC9.

UMTS/WCDMA: Release 99 and Release 6

CDMA: 1xEVDO Release 0 and Release A, IS-95A, IS-95B, IS-856, IS-2000

Wireless Parametric

Standards

Meets or exceeds TIA/EIA IS-98-D

Maximum Data Rates UMTS (HSPA) - 14.4 Mbps (Download), 5.76Mbps (Upload)

CDMA (EVDO Release A) - 3.1 Mbps (Download), 1.8 Mbps (Upload)

GPS Standalone GPS enabled

gps0neXTRATM™

GPS Bands L1 - 1575.42 MHz

Maximum Output Power GSM/GPRS/EDGE: 32dBm (+/-1)

WCDMA: 24dBm (+0.7/-2.3) CDMA: 24dBm (+0.7/-2)



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Maximum Power

2750mA (peak); 1100mA (average)

Consumption

Power Consumption, Idle 20 mA

Not Connected

Power Management USB selective suspend

Integrated notebook wireless button

Dual high efficiency 5 band antennae with spatial diversity, mounted in the **Antenna Type**

display enclosure

Form Factor PCI-Express MiniCard, USB 2.0 interface

Weight 11.5 g

Dimensions (Length x

Width x Thickness)

2.01 x 1.18 x 0.18 in (51 x 30 x 5 mm)

Voltage, Operating 3.3v +/- 10%

-22° to 158° F (-30° to 70° C) (full RF performance) Temperature, Operating -22° to 167° F (-30° to 75° C) (reduced RF performance) (from TIA/EIA/IS-98-D)

Temperature, Non--40° to 185° F (-40° to 85° C)

operating, 96 hours (from MIL-STD 202 Method 108)

Humidity, Non-operating 95% relative humidity for 48 hours @ 185° F (85° C) (non-condensing)

Configuration Utilities

LED Activity LED Off - Radio Off;

Solid LED On - Radio On

HP Connection Manager

HP hs2340 HSPA+ Mobile Technology/Operating **Broadband Module**

Bands

GSM/GPRS/EDGE: 850MHz(Cell), 900MHz(EGSM), 1800MHz(DCS), 1900MHz (PCS)

UMTS/WCDMA with receive diversity: 2100MHz (UTRA FDD Band I), 1900Mhz (UTRA FDD Band II), 900Mhz(UTRA FDD Band VIII), 850 MHz (UTRA FDD Band V) GSM/GPRS/EDGE: Class B, Multi-slot class 10 operation, coding schemes CS1 -

Wireless Protocol Standards

CS4 and MSC1 - MSC9.

UMTS/WCDMA: Release 99 and Release 7

Advanced Receiver Type 3i

Wireless Parametric

Standards

Complies with 3GPP specifications

Maximum Data Rates

UMTS (HSPA) - 21 Mbps (Download), 5.76Mbps (Upload)

GPS

Standalone, A-GPS (Internet- and Network assisted)

GPS Bands 1575.42 MHz (± 1.023 MHz)

Maximum Output Power GSM/EDGE

> GSM850 & GSM900 bands GPRS: +33 dBm ± 2 dBm (class 4) EGPRS: +27 dBm ± 3 dBm (class E2)

DCS1800 & PCS1900 bands GPRS: +30 dBm ± 2 dBm (class 1)

EGPRS: +26 dBm +4 / -3 dBm (class E2)



Technical Specifications

UMTS

UTRA FDD Bands

+24 dBm +4 / -3 dBm (class 3)

Maximum Power Consumption

2000mA (peak); 600mA (average)

Power Consumption,

Sleep Mode

5 mA

Power Management USB selective suspend

Integrated notebook wireless button

Antenna Type Dual high efficiency 5 band antennae with spatial diversity, mounted in the

display enclosure

Form Factor PCI-Express MiniCard, USB 2.0 interface

Weight < 12 g

Dimensions (Length x Width x Thickness)

2.01 x 1.18 x 0.18 in (51 x 30 x 5 mm)

Voltage, Operating 3.3v +/- 9%

Temperature, Operating 14° to 149° F (-10° to 65° C) (full RF performance)

14° to 167° F (-10° to 75° C) (reduced RF performance)

Temperature, Non- -22° to 185° F (-30° to 85° C) operating, 96 hours (from

MIL-STD 202 Method 108)

Humidity, Non-operating 85% relative humidity for 48 hours @ 185° F (85° C) (non-condensing)

Configuration Utilities

LED Activity LED Off - Radio Off;

Solid LED On - Radio On

HP Connection Manager

Intel Centrino Wireless-N Wireless LAN Standards

1000

eless LAN Standards IEEE 802.11b

IEEE 802.11g IEEE 802.11n*

* In countries where 802.11n is not allowed, this capability is not enabled.

Interoperability Wi-Fi certified

Cisco Compatible Extensions Program compliant with Microsoft Windows

Vista and XP (details at: http://www.hp.com/go/notebooks/WLAN)

Frequency Band 2.4 GHz

Antenna Structure 1 transmit; 2 receive (1x2)

Data Rates 802.11b: 1, 2, 5.5, 11 Mbps

802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n: many possible data rates, ranging from 6 Mbps to 300 Mbps,

depending on the combination of Bandwidth, Modulation Coding Scheme, and

Guard Interval used, as defined in IEEE 802.11n specification

Modulation Direct Sequence Spread Spectrum

DBPSK, DQPSK, CCK, OFDM, BPSK, QPSK, 16-QAM, 64-QAM

Security¹ Authentication: WPA and WPA2, 802.1x (EAP_TLS, TTLS, PEAP, LEAP, EAP-



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

FAST)

Authentication Protocols: PAP, CHAP, TLS, GTC, MS-CHAP, MS-CHAPv2

Encryption: 64 and 128-bit WEP, AES-CCMP, CKIP, TKIP

Support for Cisco Security Features (proven compatibility with Cisco Aironet infrastructure products through the Cisco Compatible Extensions Program

Version 4) with Microsoft Windows Vista and XP only.

Sub-channels Multinational support with frequency bands and channels compliant to local

regulations.

Media Access Protocol CSMA/CA (Collision Avoidance) with ACK

Network Architecture Ad-hoc (Peer to Peer)

Models Infrastructure (Access Point Required)

Roaming IEEE 802.11 compliant roaming between 2.4GHz band Access Points

Output Power (for CCK and 15 dBm typical

OFDM)²

Power Consumption Transmit: 1.4 Watts (average, with one spatial streams)

Receive: 1.3 Watts (average with two receive chains)

Idle mode³: 30 mW (average) Radio off: 20 mW (max)

Power Management ACPI compliant power management

802.11 compliant power saving mode

Receiver Sensitivity⁴ 54 Mbps: -74 dBm, 6 Mbps: -91 dBm

Antenna Connections 2 U.FL type connectors, 50 ohm nominal impedance

Form Factor PCI-Express Half-MiniCard

Weight 0.0075 lb (3.4 g)

Dimensions 0.12 x 1.06 x 1.18 in (3.1 x 26.8 x 30.0 mm)

Operating Voltage 3.3V +/- 9%

Temperature Operating 32° to 176° F (0° to 80° C)

Non-operating -40° to 176° F (-40° to 80° C)

Humidity Operating 10% to 90% (non-condensing)

Non-operating 5% to 90% (non-condensing)

Altitude Operating 0 to 10,000 ft (3,048 m)

Non-operating 0 to 50,000 ft (15,240 m)

LED Activity LED Off - Radio OFF; Solid LED On - Radio ON

1. Check latest software/driver release for updates on supported security features.

- 2. Maximum output power may vary by country according to local regulations.
- 2. Maximum output power may vary by country according to tocat regulation
- 3. In Power Save Polling mode and on battery power.
- 4. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CCK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).
- 5. WLAN supplier's client utility is required for Cisco Compatible Extensions support with Microsoft Windows XP. WLAN may also be compatible with certain third-party software supplicants. WLAN supplier IHV extensions required for Cisco Compatible Extensions support for Microsoft Windows Vista.



Technical Specifications

Intel Centrino Advanced-N Wireless LAN Standards IEEE 802.11a

6205

IEEE 802.11b IEEE 802.11g IEEE 802.11n*

* In countries where 802.11n is not allowed, this capability is not enabled.

Interoperability Wi-Fi certified

Cisco Compatible Extensions Program compliant with Microsoft Windows

Vista and XP (details at: http://www.hp.com/go/notebooks/WLAN)

Frequency Band 2.4 GHz and 5GHz

Antenna Structure 2 transmit; 2 receive (2x2)

Data Rates 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11b: 1, 2, 5.5, 11 Mbps

802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n: 66 possible data rates, ranging from 6 Mbps to 300 Mbps, depending on the combination of Bandwidth, Modulation Coding Scheme, and Guard

Interval used, as defined in IEEE 802.11n specification

Modulation Direct Sequence Spread Spectrum

DBPSK, DQPSK, CCK, OFDM, BPSK, QPSK, 16-QAM, 64-QAM

Security¹ Authentication: WPA and WPA2, 802.1x (EAP_TLS, TTLS, PEAP, LEAP, EAP-

FAST)

Authentication Protocols: PAP, CHAP, TLS, GTC, MS-CHAP, MS-CHAPv2

Encryption: 64 and 128-bit WEP, AES-CCMP, CKIP, TKIP

Support for Cisco Security Features (proven compatibility with Cisco Aironet infrastructure products through the Cisco Compatible Extensions Program

Version 4) with Microsoft Windows Vista and XP only.

Sub-channels Multinational support with frequency bands and channels compliant to local

regulations.

Media Access Protocol CSMA/CA (Collision Avoidance) with ACK

Network Architecture Ad-hoc (Peer to Peer)

Models Infrastructure (Access Point Required)

Roaming IEEE 802.11 compliant roaming between 2.4GHz band Access Points

Output Power (for CCK and 17 dBm max

OFDM)²

Power Consumption Transmit: 2.3 Watts (max, with two spatial streams)

Receive: 1 Watt (max with two spatial streams)

Idle mode³: 35 mW (average) Radio off: 20 mW (max)

Power Management ACPI compliant power management

802.11 compliant power saving mode

Receiver Sensitivity⁴ 54 Mbps: -76 dBm, 6 Mbps: -92 dBm

Antenna Connections 2 U.FL type connectors, 50 ohm nominal impedance



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Form Factor PCI-Express Half-MiniCard

Weight 0.0075 lb (3.4 g)

Dimensions 0.12 x 1.06 x 1.18 in (3.1 x 26.8 x 30.0 mm)

Operating Voltage 3.3V +/- 9%

Temperature Operating 32° to 176° F (0° to 80° C)

Non-operating -40° to 176° F (-40° to 80° C)

Humidity Operating 10% to 90% (non-condensing)

Non-operating 5% to 90% (non-condensing)

Altitude Operating 0 to 10,000 ft (3,048 m)

Non-operating 0 to 50,000 ft (15,240 m)

LED Activity LED Off - Radio OFF; Solid LED On - Radio ON

1. Check latest software/driver release for updates on supported security features.

2. Maximum output power may vary by country according to local regulations.

3. In Power Save Polling mode and on battery power.

4. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CCK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

 WLAN supplier's client utility is required for Cisco Compatible Extensions support with Microsoft Windows XP. WLAN may also be compatible with certain third-party software supplicants. WLAN supplier IHV extensions required for Cisco Compatible Extensions support for Microsoft Windows Vista.

Broadcom 43224AGN 802.11a/b/g/n WiFi Adapter Wireless LAN Standards IEEE 802.11a

IEEE 802.11b
IEEE 802.11g
IEEE 802.11n*

Interoperability Wi-Fi certified (802.11abg only)

Cisco Compatible Extensions Program compliant (802.11abg only) with

Microsoft Windows Vista and XP (details at: http://www.hp.com/go/notebooks/WLAN)

Frequency Band 2.4 GHz and 5 GHz

Data Rates 802.11b: 1, 2, 5.5, 11 Mbps

802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n: 6, 6.5, 9, 12, 13, 13.5, 18, 19.5, 24, 26, 27, 36, 39, 40.5, 48, 52, 54,

58.5, 65, 78, 81, 104, 108, 117, 121.5, 130, 135, 162, 216, 243, 270, 300 Mbps

Frequency Support 20 MHz: 2.4 GHz and 5 GHz bands

40 MHz: 2.4 GHz and 5 GHz bands

Modulation Direct Sequence Spread Spectrum

DBPSK, DQPSK, CCK, OFDM, BPSK, QPSK, 16-QAM, 64-QAM

Security¹ Supports 64- and 128-bit WEP, WPA, WPA2, hardware-accelerated AES,

802.1x authentication types EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-MSCHAPv2,

LEAP, EAP-FAST.

Support for Cisco Security Features (proven compatibility with Cisco Aironet infrastructure products through the Cisco Compatible Extensions Program

Version 4) with Microsoft Windows Vista and XP only.



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Sub-channels Multinational support with frequency bands and channels compliant to local

regulations.

Media Access Protocol CSMA/CA (Collision Avoidance) with ACK

Network Architecture Ad-hoc (Peer to Peer)

Models Infrastructure (Access Point Required)

Roaming IEEE 802.11 compliant roaming between access points

Output Power (for CCK)² 17 dBm, nominal Output Power (for OFDM; 15 dBm, nominal

power varies by data rate)2

Power Consumption Idle associated: 250 mW

Idle unassociated: 150 mW

Transmit/Receive 20 MHz channel: 2.0 W (max) Transmit/Receive 40 MHz channel: 2.0 W (max)

Power Management ACPI compliant power management

802.11 compliant power saving mode

Receiver Sensitivity³ 270 Mbps: -61dBm, , 54 Mbps: -72 dBm, 11 Mbps: -85 dBm , 1 Mbps: -92 dBm

Antenna type High efficiency dual band antenna with spatial diversity, mounted in the

display enclosure

Form Factor PCI-Express Half-MiniCard

Weight 0.013 lb (6 g)

Dimensions 0.19 x 1.06 x 1.18 in (4.75 x 26.8 x 30 mm)

Operating Voltage 3.3v +/- 10%

Altitude

Temperature Operating 14° to 149° F (-10° to 65° C)

Non-operating -40° to 176° F (-40° to 80° C)

Humidity Operating 10% to 90% (non-condensing)
Non-operating 5% to 95% (non-condensing)

Operating 0 to 10,000 ft (3,048 m)

Non-operating 0 to 50,000 ft (15,240 m)

LED Activity LED Off - Radio OFF; Solid LED On - Radio ON

1. Check latest software/driver release for updates on supported security features.

2. Maximum output power may vary by country according to local regulations.

3. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CCK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

4. WLAN supplier's client utility is required for Cisco Compatible Extensions support with Microsoft Windows XP. WLAN may also be compatible with certain third-party software supplicants. WLAN supplier IHV extensions required for Cisco Compatible Extensions support for Microsoft Windows Vista.

Broadcom 4313GN 802.11b/g/n WiFi Adapter Wireless LAN Standards IEEE 802.11b

IEEE 802.11g
IEEE 802.11n

Interoperability Wi-Fi certified

Cisco Compatible Extensions Program compliant with Microsoft Win7, Vista

and XP (details at: http://www.hp.com/go/notebooks/WLAN)



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Frequency Band 2.4 GHz

Data Rates 802.11b: 1, 2, 5.5, 11 Mbps

802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n: 6.5, 7.2, 13, 14.4, 19.5, 21.7, 26, 28.9, 39, 43.3, 52, 57.8, 58.5, 65,

72.2Mbps

Frequency Support 20 MHz: 2.4 GHz bands

Modulation Direct Sequence Spread Spectrum

DBPSK, DQPSK, CCK, OFDM, BPSK, QPSK, 16-QAM, 64-QAM

Security¹ Supports 64- and 128-bit WEP, WPA, WPA2, hardware-accelerated AES,

802.1x authentication types EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-MSCHAPv2,

LEAP, EAP-FAST.

Support for Cisco Security Features (proven compatibility with Cisco Aironet infrastructure products through the Cisco Compatible Extensions Program

Version 4) with Microsoft Windows Vista and XP only.

Sub-channels Multinational support with frequency bands and channels compliant to local

regulations.

Media Access Protocol CSMA/CA (Collision Avoidance) with ACK

Network Architecture

Ad-hoc (Peer to Peer)

Models

Infrastructure (Access Point Required)

Roaming IEEE 802.11 compliant roaming between access points

Output Power (for CCK)² 17 dBm, nominal Output Power (for OFDM; 15 dBm, nominal

power varies by data rate)²

Power Consumption Idle associated: 250 mW avg (CLKREQ enabled)

Idle unassociated: 425 mW avg

Transmit/Receive 20 MHz channel: 5.5 W (max)

Power Management ACPI compliant power management

802.11 compliant power saving mode

Receiver Sensitivity³ 72.2 Mbps: -71dBm

Antenna type High efficiency dual band antenna with spatial diversity, usually mounted in

the display enclosure

Form Factor PCI-Express Half-MiniCard

Weight 0.013 lb (6 g)

Dimensions 0.19 x 1.06 x 1.18 in (4.75 x 26.8 x 30 mm)

Operating Voltage 3.3v +/- 10%

Temperature Operating 14° to 149° F (-10° to 65° C)

Non-operating -40° to 176° F (-40° to 80° C)

Humidity Operating 10% to 90% (non-condensing)

Non-operating 5% to 95% (non-condensing)

Altitude Operating 0 to 10,000 ft (3,048 m)

Non-operating 0 to 50,000 ft (15,240 m)

LED Activity LED Off - Radio OFF; Solid LED On - Radio ON

1. Check latest software/driver release for updates on supported security features.



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

- 2. Maximum output power may vary by country according to local regulations.
- 3. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CCK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).
- 4. WLAN supplier's client utility is required for Cisco Compatible Extensions support with Microsoft Windows XP. WLAN may also be compatible with certain third-party software supplicants. WLAN supplier IHV extensions required for Cisco Compatible Extensions support for Microsoft Windows Vista and Win7.

HP Integrated Module with Bluetooth 2.1+EDR Wireless Technology **Bluetooth Specification** 2.1+EDR Compliant

Dimensions 1.18 x 0.26 x 0.13 in (30 x 6.5 x 3.25 mm)

Frequency Band 2402 to 2480 MHz

Number of Available 79 (1 MHz) available channels

Channels

Data Rates and

3 Mbps data rate; throughput up to 2.17 Mbps

Throughput Synchronous Connection Oriented links up to 3, 64 kbps, voice channels

Asynchronous Connection Less links 2178.1 kbps/177.1 kbps asymmetric or

1306.9 kbps symmetric

Transmit Power -6 dBm to 4 dBm (Bluetooth Class II)

Receiver Sensitivity Better than -80 dBM at 0.1 % raw bit error rate

Power Consumption Peak (Tx) 264 mW

Peak (Rx) 231 mW

Sleep < 1 mW

Antenna Internally integrated within module

Range Up 33 ft (10 m)
Electrical Interface USB 2.0 compliant

Microsoft Windows Plug and Play compliant

Bluetooth Software

Supported

Microsoft Windows Bluetooth Software

Broadcom Bluetooth for Windows

Link Topology Point to Point, Multipoint Pico Nets up to 7 slaves

Security Full support of Bluetooth Security Provisions

Power Management Microsoft Windows ACPI, and USB Bus Support

Self configurable to optimize power conservation in all operating modes,

including Standby, Hold, Park, and Sniff

Certifications All necessary regulatory approvals for supported countries, including:

FCC (47 CFR) Part 15C, Section 15.247 & 15.249

ETS 300 328, ETS 300 826 Low Voltage Directive IEC950

UL, CSA, and CE Mark

Temperature Operating -4° to 158° F (-20° to 70° C)

Non-operating -40° to 176° F (-40° to 80° C)

Humidity Operating 10% to 90%

Non-operating 5% to 95%



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Altitude Operating 15,000 ft (4,572 m) Non-operating 40,000 ft (12,192 m)

Bluetooth Profiles Serial Port Profile (SPP)1

Supported Service Discovery Application Profile (SDAP)

Dial-Up Networking (DUN)1,2

Generic Object Exchange Profile (GOEP)^{1,2}

Object Push Profile (OPP)^{1,2} File Transfer Profile (FTP) Synchronization Profile (SYNC)

Hard Copy Cable Replacement (HCRP)^{1,2} Personal Area Networking Profile (PAN)1,2 Human Interface Device Profile (HID)1,2,3

FAX Profile (FAX)

Basic Imaging Profile (BIP)² Headset Profile (HSP) Hands Free Profile (HFP)

Advanced Audio Distribution Profile (A2DP)

- 1. indicates the profile is supported by Microsoft Windows XP SP2
- 2. indicates the profile is part of Windows Vista

Environmental Data

Eco-Label Certifications

This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- US Energy star
- IT ECO declaration
- EPEAT Gold

System Configuration

The configuration used for the Energy Consumption and Declared Noise Emissions data for these models are based on a "Typically Configured Notebook"

HP ProBook 6360b Notebook PC

Energy Consumption	115 VAC	230 VAC	100 VAC
Normal Operation	8.35 W	8.95 W	8.33 W
Sleep (Energy Star low power mode)	1.08 W	1.24 W	1.07 W
Off	0.65 W	0.77 W	0.64 W
Heat Dissipation*	115 VAC	230 VAC	100 VAC
Normal Operation	28.5 BTU/hr	30.6 BTU/hr	28.4 BTU/hr
Sleep	4 BTU/hr	4.2 BTU/hr	4 BTU/hr
Off	2.2 BTU/hr	3 BTU/hr	2.1 BTU/hr

^{*} Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.



Technical Specifications

Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)

System Fan Off	Sound Power	Sound Pressure
	(LWAd, bels)	(LpAm, decibels)
Idle	3.2	27.5
Fixed Disk	3.3	28.0
(random writes)		

System fan is usually off except when charging the battery

Batteries

This battery(s) in this product comply with EU Directive 2006/66/EC

Batteries used in the product do not contain:

- Mercury greater the 5ppm by weight
- Cadmium greater than 10ppm by weight

The battery type and chemistry used in the product is:

CR2032 (coin cell), Li-ion

6-cell high capacity Lithium-Ion battery (optional 8 cell available)

Additional information

This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive – 2002/95/EC.

This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.

This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).

This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see: www.epeat.net

Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

This product contains 0% post consumer recycled plastic (by wt.)

This product is greater than 91.7% recycle-able when properly disposed of at end of life.

Packaging Materials

- External:
 - Corrugated 509 g
- Internal:
 - Polypropylene low-density 6 g
 - Molded Pulp 198 g
- The Corrugated Carton packaging material is made from 80% recycled content.
- The Paper / Cardboard packaging material is made from 80% recycled content.



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

 The Polyethylene low densitypackaging material is made from 80% recycled content

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

HP ProBook 6460b Notebook PC

Energy Consumption	115 VAC	230 VAC	100 VAC
Normal Operation	11.57 W	12.11 W	11.45 W
Sleep (Energy Star low power mode)	1.23 W	1.31 W	1.14 W
Off	0.56 W	0.62 W	0.51 W
Heat Dissipation*	115 VAC	230 VAC	100 VAC
Normal Operation	40 BTU/hr	41 BTU/hr	39 BTU/hr
Sleep	4 BTU/hr	4 BTU/hr	4 BTU/hr
Off	2 BTU/hr	2 BTU/hr	2 BTU/hr

^{*} Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)

System Fan Off	Sound Power	Sound Pressure
	(LWAd, bels)	(LpAm, decibels)
Idle	3.3	26.7
Fixed Disk (random writes)	3.4	30.2

System fan is usually off except when charging the battery

Batteries This battery(s) in this product comply with EU Directive 2006/66/EC

Batteries used in the product do not contain:



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Mercury greater the 5ppm by weight

Cadmium greater than 10ppm by weight

The battery type and chemistry used in the product is:

CR2032 (coin cell), Li-ion

6-cell high capacity Lithium-Ion battery (optional 8 cell available)

This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive – 2002/95/EC.

This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.

This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).

This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see: www.epeat.net

Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

This product contains 0% post consumer recycled plastic (by wt.)

This product is greater than 95.1% recycle-able when properly disposed of at end of life.

Packaging Materials

- External:
 - Corrugated Paper 500 g
 - CANON bags-several layers 5 g
- Internal:
 - Polypropylene 15 g
 - Molded Pulp 180 g
- The Corrugated Paper packaging material is made from 80% recycled content.
- The CANON bags-several layers packaging material is made from 80% recycled content.
- The Polypropylene packaging material is made from 80% recycled content.
- The Molded Pulp packaging material is made from 80% recycled content.

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.





HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

HP ProBook 6560b Notebook PC

Energy Consumption	115 VAC	230 VAC	100 VAC
Normal Operation	9.71 W	9.81 W	9.65 W
Sleep (Energy Star low power mode)	0.81 W	0.90 W	0.80 W
Off	0.56 W	0.64 W	0.55 W
Heat Dissipation*	115 VAC	230 VAC	100 VAC
Normal Operation	33.4 BTU/hr	33.5 BTU/hr	33 BTU/hr
Sleep	3 BTU/hr	3 BTU/hr	3 BTU/hr
Off	2 BTU/hr	2 BTU/hr	2 BTU/hr

^{*} Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)

System Fan Off	Sound Power	Sound Pressure
	(LWAd, bels)	(LpAm, decibels)
Idle	2.9	24
Fixed Disk (random writes)	3.8	32

System fan is usually off except when charging the battery

Batteries

This battery(s) in this product comply with EU Directive 2006/66/EC

Batteries used in the product do not contain:

- Mercury greater the 5ppm by weight
- Cadmium greater than 10ppm by weight

The battery type and chemistry used in the product is:

CR2032 (coin cell), Li-ion

6-cell high capacity Lithium-Ion battery (optional 8 cell available)

Additional information This product is in compliance with the Restrictions of Hazardous Substances

(RoHS) directive - 2002/95/EC.

This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC.



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).

This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see: www.epeat.net

Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

This product contains 0% post consumer recycled plastic (by wt.)

This product is greater than 95.2% recycle-able when properly disposed of at end of life.

Packaging Materials

- External:
 - Corrugated carton 375 g
 - Paper/cardboard 310 g
- Internal:
 - O Polyethylene low density solid 22 g
- The Corrugated cartonr packaging material is made from 80% recycled content.
- The Paper/Cardboard- packaging material is made from 80% recycled content.
- The Polyethylene low density solid packaging material is made from 80% recycled content.

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (for reference of these limits please refer to the HP General Specification of the Environment:

(http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
- Nickel finishes that release greater than 0.5 micro-grams/cm²/week, measured according to EN 1811:1998, are not used on any product surface designed to be frequently handled or touched by users.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Hewlett-Packard Corporate Environmental Information

For more information about HP's commitment to the environment: Global Citizenship Report

http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html

Environment website

http://www.hp.com/environment

Eco-label certifications

http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html

ISO 14001 certificates:

http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html



HP ProBook 6360b Notebook PC, HP ProBook 6460b Notebook PC, and HP ProBook 6560b Notebook PC

Technical Specifications

Copyright © 2012 Hewlett-Packard Development Company, L.P.

All rights reserved. Microsoft, Windows, Windows 7, Windows Vista and Windows XP are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries. Intel, Core, and Celeron are registered trademarks or trademarks of Intel Corporation in the U.S. and/or other countries. Bluetooth is a registered trademark of Bluetooth SIG, Inc., in the U.S. and other countries. All other product names mentioned herein may be trademarks of their respective companies.

The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind. The warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

