



AFFORDABLE CHIC

HP ProBook 4415s Notebook PC

HP recommends Windows Vista® Business

HP ProBook 4415s Notebook PC

Stylish
affordability.
14.0-inch
diagonal
LED-backlit high-
definition⁶
display,
AMD processors

An impressive combination of mobile office features make the newly-designed HP ProBook 4415s Notebook PC an affordable productivity tool.

Technology to get the job done

The HP ProBook 4415s Notebook PC boasts a sleek design that packs an array of features normally reserved for more expensive notebooks. Available in a new Merlot or glossy Noir finish with a more spacious keyboard layout, it delivers refined simplicity with a clean design using the latest AMD processors.³

With the low-profile 14.0-inch diagonal, 16:9 LED-backlit HD⁶ display, you get improved brightness, contrast and clarity from a screen that is more power-efficient than regular LCD screens.

Choose between high-performance ATI discrete graphics, featuring dedicated video memory, or integrated ATI UMA⁹ graphics that balances memory usage between graphics and the system.

Whether you're across the street or across the country, Wi-Fi CERTIFIED™ WLAN⁷ and Bluetooth® help you stay connected.

HP Professional Innovations help you focus on your business

Built to protect. Integrated, customizable security solutions help defend your network, your applications, and your data. File Sanitizer for HP ProtectTools¹⁰ can permanently delete individual files, folders and personally identifiable information from your notebook.

Built to simplify. HP QuickLook 2¹¹ provides read capability of email, calendar, task and contact information in seconds at the touch of a button, without having to boot up.

Built to last. HP 3D DriveGuard helps protect your notebook's hard drive against impact, bumps, or drops using a three-axis accelerometer which detects any sudden movement and initiates protective action, so your critical information is easily protected while you are on the move.

Built to conserve. HP Business Notebook PCs are designed to reduce their impact on the environment by eliminating or reducing substances of concern, using fewer resources, reducing energy consumption, and designing for recyclability.



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Operating system	Preinstalled: Genuine Windows Vista® Business 32 ¹ Genuine Windows Vista® Home Basic 32 ¹ Genuine Windows Vista® Home Premium 32 ¹ Genuine Windows Vista® with downgrade to Genuine Windows® XP Professional custom installed ^{1,2} FreeDOS SuSE Linux Red Flag Linux (PRC only)	Supported: Genuine Windows Vista® Business 64 ¹ Certified: SuSE Linux Enterprise Desktop 10
Processor	AMD Turion™ X2 Ultra Dual-Core Mobile Processor ³ (up to 2.4 GHz, 2 MB L2 cache) AMD Turion™ X2 Dual-Core Mobile Processor ³ (up to 2.3 GHz, 1 MB L2 cache) AMD Athlon™ X2 Dual-Core Processor for Notebook PCs ³ (up to 2.2 GHz, 1 MB L2 cache) AMD Sempron Processor for Notebook PCs ³ (up to 2.1 GHz, 512 KB L2 cache)	
Chipset	AMD RS780MN Chipset, AMD RX781 Chipset	
Memory	DDR2 SDRAM, 800 MHz, two slots supporting dual channel memory, 1024/2048/4096 MB SODIMMs, up to 8192 MB total	
Internal Storage¹⁴	160/250/320/500 GB 5400 rpm SATA HDD, 160/250 GB 7200 rpm SATA HDD; (with HP 3D DriveGuard)	
Removable Storage	Fixed 12.7-mm SATA optical drive: Blu-ray ROM DVD+/-RW SuperMulti DL LightScribe Drive, ⁵ DVD+/-RW SuperMulti DL LightScribe Drive, ⁴ DVD-ROM Drive	
Display	14.0-inch diagonal LED-backlit HD ⁶ (1366 x 768), 14.0-inch diagonal LED-backlit HD ⁶ (1366 x 768) BrightView	
Graphics⁹	ATI Radeon HD 3200 integrated graphics, ATI Mobility Radeon™ HD 4330 discrete graphics, with 512 MB dedicated video memory (1024 MB HyperMemory*) *Indicates dedicated video memory and shared system memory. 512 MB dedicated video memory.	
Audio/Visual	High Definition Audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated microphone; optional integrated 2 MP webcam	
Wireless support^{7,8}	Broadcom 802.11 a/b/g/n draft 2.0, b/g; Bluetooth™ 2.0, HP Wireless Assistant	
Communications¹⁵	Marvell Ethernet (10/100/1000 NIC), optional 56K v.92 modem	
Expansion slots	(1) ExpressCard/34 slot, Media Card Reader	
Ports and connectors	(4) USB 2.0 ports, VGA, HDMI, stereo microphone in, stereo headphone/line out, power connector, RJ-11/modem, RJ-45/ethernet	
Input device	Full-sized keyboard, touchpad with scroll zone	
Software	HP Recovery Manager, HP QuickLook 2, ¹¹ HP SoftPaq Download Manager, Roxio Creator Business (for optional DVD+/-RW and DVD/CDRW drives)	
Security	HP ProtectTools, Device Access Manager, Enhanced Pre-Boot Security, HP Spare Key, HP Disk Sanitizer, ¹⁰ Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools, ¹⁰ Kensington Lock slot, McAfee Security Solution ¹⁸	
Dimensions	1.22 (at front) x 13.2 x 9.15 in / 31.0 (at front) x 336 x 232.4 mm	
Weight	Starting at: 5.0 lb / 2.27 kg (or 4.5 lb / 2.04 kg with no optical drive; weight will vary by configuration)	
Power	6-cell (47WHr) Lithium-Ion battery, 90W HP Smart AC Adapter (Discrete), 65W HP Smart AC Adapter, HP Fast Charge ⁷	
Expansion Solutions¹⁷	HP USB 2.0 Docking Station, HP Essential USB Port Replicator, HP Basic Adjustable Stand	
Warranty	Limited 1-year and 90-day warranty options available, depending on country, 1-year limited warranty on primary battery. Optional HP Care Pack Services are extended service contracts which go beyond your standard warranties. For more details visit: http://www.hp.com/go/lookuptool .	

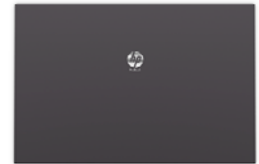
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1. Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.
2. Windows Vista Business disk may be included for future upgrade if desired. To qualify for this downgrade an end user must be a business (including governmental or educational institutions) and is expected to order at least 25 customer systems with the same custom image.
3. This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Dual-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary.
4. Double-layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players. LightScribe media required and sold separately. LightScribe creates a monochrome image. Note that DVD-RAM cannot read or write to 2.6 GB single-sided/5.2 GB double-sided – version 1.0 media. Don't copy copy-right protected materials.
5. As Blu-Ray is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. HD-DVD movies cannot be played on this device.
6. HD content required to view HD images
7. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited
8. The specifications for the 802.11n WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11n WLAN devices.
9. Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by programs.
10. For the use cases outlined in the DOD 5220.22-M Supplement.
11. HP QuickLook 2 is accessible when the notebook is off or in hibernation from Windows XP or Vista. Timings may vary depending on the system configuration.
12. Dual Channel is only supported when the system is configured with DDR2 symmetric memory (i.e. 2x256).
13. 32-bit operating systems can only address ~3.2 GB. To fully utilizing memory configurations of 4GB or more, a 64-bit operating system is required.
14. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8 GB (for XP) and 10 GB (for Vista) of system disk is reserved for the system recovery software.
15. The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
16. HP Fast Charge recharges your primary battery up to 90% within 90 minutes when the system is off.
17. Sold separately or purchased as an optional feature.
18. 60 day trial period. Internet access required to receive updates. First update included. Subscription required for updates.



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