

# **ProBook 4525s Notebook PC** Affordable Style

Choose from two sophisticated color options in a 15.6-inch diagonal notebook with advanced multimedia support and AMD processors, featuring VISION Pro.



### Windows<sup>®</sup>. Life without Walls<sup>™</sup>. HP recommends Windows 7.

#### Stylish design and out of box productivity

Powered by AMD processors, the HP ProBook 4525s offers refined simplicity in an affordable package. The brushed aluminum finish, available in caviar or bordeaux colors, combines good looks with durability, and includes software such as Face Recognition for easy log-in, and Corel Home Office<sup>23</sup> for office productivity.

#### Advanced multimedia support

Advanced multimedia support includes a choice of discrete graphics featuring the ATI Mobility Radeon<sup>™</sup> dedicated video memory. Additionally, the notebook comes loaded with the new ArcSoft TotalMedia Suite that allows you to play, edit and create video and audio files. New "multi-media controls" for video control such as play, rewind, and fast-forward are now integrated into the keyboard, simplifying work with video and audio files. And experience life in high-definition<sup>7</sup> with the HDMI port that allows you to connect directly to high-definition displays.

# HP Professional Innovations help you focus on your business

Built to conserve. HP Power Assistant<sup>22</sup> lets you take control

with total visibility over your notebook PCs reported power consumption! This easy-to-use tool allows you to conserve power, stretch battery run-time, accurately monitor your reported power needs and report workforce power consumption.

*Built to simplify.* HP QuickLook 3<sup>12</sup> provides read and write capability of email, calendar, task and contact information in seconds at the touch of a button, without having to boot up.<sup>12</sup> And HP QuickWeb<sup>23</sup> grants access to the web in seconds... even if your notebook is turned off.

*Built to protect.* The spill-resistant keyboard helps protect sensitive electronics and key components from minor spills. And HP 3D DriveGuard helps protect your notebook's hard drive against impact or drops using a three-axis accelerometer which detects any sudden movement and initiates protective action, so your critical information is protected.

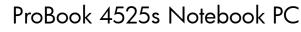


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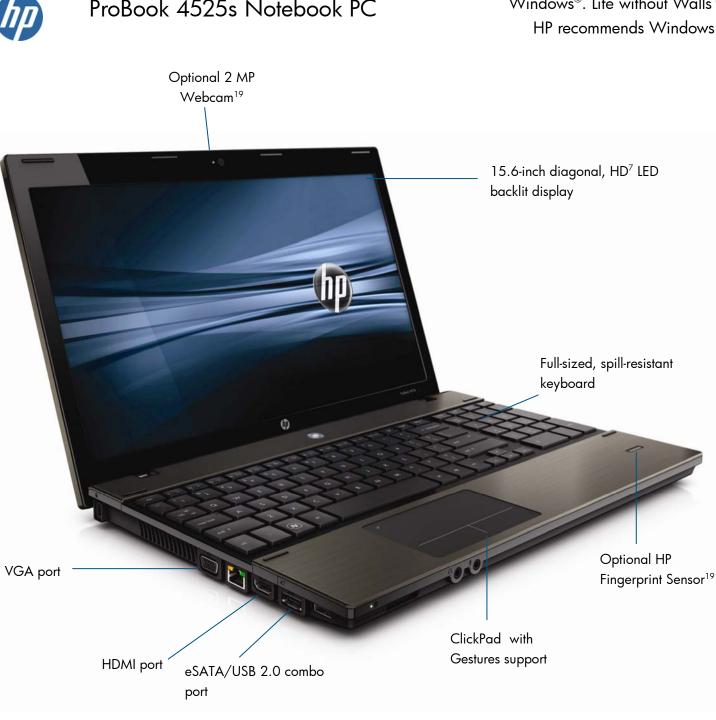
## Windows<sup>®</sup>. Life without Walls<sup>™</sup>. HP recommends Windows 7.



SPECIFICATIONS	
Operating system	Preinstalled:    Supported:      Genuine Windows® 7 Professional 321    Genuine Windows 7 Professional available through downgrade rights from Windows 7 Professional 321.3    Certified:      Genuine Windows® 7 Home Premium 321    SUSE Linux Enterprise Desktop 11      Genuine Windows® 7 Home Basic 321    SUSE Linux Enterprise Desktop 11      Genuine Windows Vista® Business 322    Genuine Windows Vista® Home Basic 322      SUSE Linux Enterprise Desktop 11    FreeDOS      Red Flag Linux (PRC only)    KPRC only)
Processor <sup>4</sup>	AMD Phenom™ II Quad-Core Mobile Processor (up to 1.6 GHz, 2 MB L2 cache), AMD Phenom™ II Triple-Core Mobile Processor (up to 1.8 GHz, 1.5 MB L2 cache), AMD Turion™ II Dual-Core Mobile Processor (up to 2.3 GHz, 2 MB L2 cache), AMD Athlon™ II Dual-Core Processor for Notebook PCs (up to 2.1 GHz, 1 MB L2 cache), AMD V-Series Single-Core Processor for Notebook PCs (up to 2.2 GHz, 512 KB L2 cache)
Chipset	Integrated graphics: AMD RS880M chipset; discrete graphics: AMD RS880MD chipset
Memory	DDR3 SDRAM, 1066/1333 MHz,* two slots supporting dual channel memory, <sup>14</sup> 1024/2048/4096 MB SODIMMs, up to 4096 MB standard and up to 8192 MB total with optional upgrade <sup>15</sup> * Memory speed is processor dependent
Internal Storage <sup>16</sup>	SATA hard drive: 250/320/500 GB 7200 rpm, with HP 3D DriveGuard
Removable Storage	Fixed 12.7-mm SATA optical drive: Blu-ray ROM DVD+/-RW SuperMulti DL LightScribe Drive, <sup>5,6</sup> DVD+/–RW SuperMulti DL LightScribe Drive, <sup>5</sup> DVD-ROM Drive <sup>5</sup>
Display	15.6-inch diagonal LED-backlit HD <sup>7</sup> (1366 x 768), 15.6-inch diagonal LED-backlit HD <sup>7</sup> (1366 x 768) BrightView
Graphics <sup>10</sup>	Integrated: ATI Mobility Radeon™ HD 4250; Discrete: ATI Mobility Radeon™ HD 530v, with 512 MB dedicated video memory with HyperMemory* support *Indicates dedicated video memory and shared system memory.
Audio/Visual	High Definition Audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated digital microphone; optional integrated 2 MP webcam <sup>21</sup>
Wireless Support <sup>8</sup>	Optional HP un2450 EV-DO/HSPA Mobile Broadband Module 2.0* with GPS support (requires mobile network operator service) <sup>17,20</sup> with HP Connection Manager 3.0; 802.11 b/g/n, b/g; Bluetooth™ 2.1, HP Wireless Assistant * Available with integrated graphics only
Communications <sup>17</sup>	Realtek Ethernet (10/100/1000 NIC), optional 56K v.92 modem
Expansion Slots	(1) ExpressCard/34 slot, Media Card Reader
Ports and Connectors	(3) USB 2.0 ports, (1) eSATA/USB 2.0 combo port, VGA, HDMI, stereo microphone in, stereo headphone/line out, power connector, RJ- 11/modem, RJ-45/ethernet
Input Device	Full-sized, spill-resistant keyboard, ClickPad with gestures support (gestures not available for Linux and FreeDOS)
Software	HP Recovery Manager (Windows 7 and Windows Vista only), HP Support Assistant, Norton Online Backup, HP QuickLook 3, <sup>12</sup> HP QuickWeb, <sup>13</sup> HP DayStarter, HP Power Assistant, <sup>22</sup> HP SoftPaq Download Manager, ArcSoft TotalMedia Suite, Skype, <sup>21</sup> WinZip trial, Corel Home Office, <sup>9</sup> HP Face Recognition
Security	HP ProtectTools, Central Management for HP ProtectTools, Optional HP Fingerprint Sensor, <sup>19</sup> Device Access Manager, Enhanced Pre-Boot Security, HP Spare Key, <sup>23</sup> HP Disk Sanitizer, <sup>11</sup> Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools, <sup>11</sup> LoJack Pro for HP ProtectTools, Kensington Lock slot, McAfee Security Solution <sup>20</sup>
Dimensions	1.07 (at front) x 13.23 x 9.15 in / 27.0 (at front) x 336 x 232.4 mm
Weight	Starting at: 5.55 lb / 2.52 kg (or 5.27 lb / 2.39 kg with no optical drive; weight will vary by configuration)
Power	6-cell (47WHr) Lithium-Ion battery, 9-cell (93WHr) Lithium-Ion battery, 90W HP Smart AC Adapter (discrete graphics), 65W HP Smart AC Adapter (integrated graphics), HP Fast Charge <sup>18</sup>
Expansion Solutions <sup>19</sup>	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.



 $\mathsf{Windows}^{\texttt{B}}.$  Life without  $\mathsf{Walls}^{\texttt{TM}}.$ HP recommends Windows 7.







- 1. This 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. S http://www.microsoft.com/windows/windows-7/ for details.
- Certain Windows Vista product features require advanced or additional hardware. See <u>www.microsoft.com/windowsvista/getready/hardwarereqs.mspx</u> and <u>www.microsoft.com/windowsvista/getready/capable.mspx</u> 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 <u>www.windowsvista.com/upgradeadvisor</u>.
- 3. Windows® XP Professional is preinstalled on this system and includes end user rights and media for Windows 7 Professional. You may only use one version at a time. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- 4. 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/quad/triple-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. This notebook pc does not support the over-clocking feature.
- 5. 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 2.6GB single-sided/5.2 GB double-sided – version 1.0 media. Don't copy copy-right protected materials.
- 6. 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. Models with integrated graphics require Windows 7 or Vista to support the Blu-Ray DVD drive; models with discrete graphics support it with either Windows 7, Windows Vista or Windows XP.
- 7. HD content required to view HD images.
- 8. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
- 9. Corel Home Office 60-day trial version included. Functionality is limited afterwards. Full version requires purchase.
- 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.
  For the use cases outlined in the DOD 5220.22-M Supplement.
- 12. HP QuickLook 3 is accessible when the notebook is off in Windows XP, Windows Vista or Windows 7-based systems; not supported from hibernation. Timing may vary depending on the system configuration. To enable the feature following the removal of the battery, reboot the notebook prior to subsequent use.
- 13. HP QuickWeb is accessible when the notebook is off in Windows XP, Windows Vista or Windows 7-based systems; not supported from hibernation. Internet access required. Timing may vary depending on the system configuration. To enable the feature following the removal of the battery, reboot the notebook prior to subsequent use
- 14. Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory slots.
- 15. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
- 16. For hard drives, GB = 1 billion bytes. Up to 8 GB (for XP) , 10 GB (for Vista) or 15 GB (for Windows 7) of system disk is reserved for the system recovery software.
- 17. 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.
- 18. HP Fast Charge recharges your primary battery up to 90% within 90 minutes when the system is off. Fast Charge Technology does not apply to 9 cell primary battery.
- 19. Sold separately or purchased as an optional feature.
- 20. 60 day trial period. Internet access required to receive updates. First update included. Subscription required for updates.
- 21. Internet access required.
- 22. Power calculations and cost calculations are estimates. Results will vary based on variables, which include information provided by the user, time PC is in different power states (on, standby, hibernate, off), time PC is on battery or AC, hardware configuration, variable electricity rates and utilities provider. HP advises customers to use information reported by HP Power Assistant for reference only and to validate impact in their environment. Environmental calculations were based on U.S. EPA eGrid 2007 data found at <u>www.epa.gov/egrid/</u>. Regional results will vary.
- 23. Requires initial user setup.

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