

STYLE MEETS SUBSTANCE

HP ProBook 5310m Notebook PC



Windows®. Life without Walls™. HP recommends Windows 7.

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Thin and sleek
business notebook
design that
combines
performance and
affordability

Prepare to be impressed with this incredibly thin and sleek 13.3-inch diagonal notebook PC at an amazing price.

Sleek is the word

Starting at only 3.79 lb / 1.72 kg and only .93 inches thin, this incredibly sleek notebook has a sophisticated aesthetic with a durable anodized aluminum display enclosure and palm rest. With a 16:9 LED-backlit antiglare or BrightView HD⁴ display, you get improved brightness, contrast and clarity.

Power in a small package

This notebook PC is packed with a powerful, standard voltage or affordable ultra-low voltage Intel® processor, 2 MP webcam with dual-microphone array for clear web conferencing,⁵ strong security features to help protect your data, and a stylish, lightweight metal design that redefines notebook style.

Life on the move

Integrated HP Mobile Broadband powered by Gobi⁷ allows you to conveniently access the internet, company intranet, e-mail, and mission

critical information in more places than ever before.

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. Credential Manager for HP ProtectTools lets you specify how the different available security technologies will work together to provide increased protection against unauthorized access.

Built to simplify. HP QuickLook 3 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.⁹

Built to last. A durable and lightweight metal case combines an anodized aluminum display enclosure and a magnesium alloy bottom case to protect your notebook from the rigors of daily mobile use.

Built to conserve. Choose the HP ProBook 5310m with the BFR/PVC-free¹⁷ option that uses materials with lower environmental impact.



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Operating system <small>(Windows® 7 will be offered upon general availability from Microsoft)</small>	Preinstalled: Genuine Windows® 7 Professional 32 ¹ Genuine Windows 7 Home Premium 32 ¹ Genuine Windows 7 Home Basic 32 ¹ Genuine Windows Vista® Business 32 ¹⁹ Genuine Windows Vista Home Basic 32 ¹⁹ Genuine Windows® XP Professional available through downgrade rights from Windows 7 Professional ^{1,20} Genuine Windows XP Professional available through downgrade rights from Windows Vista Business ^{2,19} FreeDOS Red Flag Linux (PRC only)	Supported: Genuine Windows 7 Enterprise 32 ¹ Genuine Windows Vista® Enterprise 32 ¹⁹ Certified: SUSE Linux Enterprise Desktop 10
Processor	Intel® Core™2 Duo ³ SP9300 (2.26 GHz, 6 MB L2 cache) Intel® Celeron ³ SU2300 (1.20 GHz, 1 MB L2 cache)	
Chipset	Mobile Intel GS45 Express Chipset ICH9M-Enhanced	
Memory	DDR3 SDRAM, 1333 MHz (running at 1066 MHz), one slot supporting 1024/2048/4096 MB SODIMM ¹¹	
Internal Storage¹²	160/250/320 GB 7200 rpm SATA with HP 3D DriveGuard (supported on Windows models only); or 80/128 GB Solid State Drive	
Removable Storage¹⁴	Optional HP External USB 2.0 CD/DVD R/RW Drive	
Display	13.3-inch diagonal LED-backlit HD ⁴ (1366 x 768) (BrightView or antiglare)	
Graphics¹⁸	Mobile Intel GMA 4500MHD	
Audio/Visual	High Definition Audio, stereo speakers, combo stereo headphone/mic jack, integrated dual-microphone array; integrated 2 MP webcam	
Wireless support^{5, 6, 7, 14}	Optional HP un2420 EV-DO/HSPA Mobile Broadband Module (requires mobile network operator service); Intel 802.11 a/b/g/n draft 2.0; Broadcom 802.11 a/b/g/n draft 2.0, b/g; Bluetooth™ 2.1, HP Wireless Assistant	
Communications¹³	Marvell Ethernet (10/100/1000 NIC)	
Expansion slots	Secure Digital slot: supports SD (Secure Digital), MMC (MultiMedia Card)	
Ports and connectors	(3) USB 2.0 ports (1 powered), DisplayPort, power connector, RJ-45/Ethernet, combo stereo headphone/mic jack	
Input device	Full-sized keyboard, touchpad with scroll zone, gesture support capable	
Software	HP QuickLook 3, ⁹ HP QuickWeb, ¹⁶ HP Softpaq Download Manager, HP Recovery Manager (Windows Vista only), Roxio Creator 10 (requires separately purchased external optical drive), ¹⁴ Microsoft® Office Ready ¹⁰	
Security	HP ProtectTools, Device Access Manager, Enhanced Pre-Boot Security, HP Spare Key, HP Disk Sanitizer, ⁸ Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools, ⁸ Kensington Lock slot, McAfee Security Solution ¹⁵	
Dimensions	.93 x 12.9 x 8.7 in / 23.5 x 328 x 221 mm	
Weight	Starting at: 3.79 lb / 1.72 kg (weight will vary by configuration)	
Power	4-cell (41Whr) Lithium-Ion battery, 6-cell (62Whr) Lithium-Ion battery, 65W HP Smart AC Adapter	
Expansion Solutions¹⁴	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. 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. See <http://www.microsoft.com/windows/windows7/> for details.
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. Dual Core is a technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations.
4. HD content required to view HD images
5. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited
6. 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.
7. Gobi requires a separately purchased service contract. Check with provider for availability and coverage in your area.
8. For the use cases outlined in the DOD 5220.22-M Supplement.
9. 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. QuickLook 3 on HP ProBook s-series requires configuration with Intel and DDR3 or AMD and DDR2
10. Microsoft® Office 2007 is a trial version; functionality is reduced after 60 days. The full version is sold separately
11. Up to 1 GB may not be available with 32-bit operating systems due to system resource requirements.
12. For hard drives, GB = 1 billion bytes. Up to 15 GB of system disk is reserved for the system recovery software.
13. 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.
14. Sold separately or purchased as an optional feature.
15. 60 day trial period. Internet access required to receive updates. First update included. Subscription required for updates.
16. 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. Not available on HP ProBook s-series or HP Minis.
17. HP ProBook 5310m is BFR/PVC-free on notebooks including Broadcom WLAN that are non-WWAN; meeting the evolving definition of 'BFR/PVC-free' as set forth in the "iNEMI Position Statement on the 'Definition of Low-Halogen' Electronics (BFR/CFR/PVC-Free)". Plastic parts contain < 1000 ppm (0.1%) of bromine [if the Br source is from BFRs] and < 1000 ppm (0.1%) of chlorine [if the Cl source is from CFRs or PVC or PVC copolymers]. Power supply and power cords are not BFR/PVC-free. Service parts after purchase may not be BFR/PVC-free. Configuration is not available until 9/27/09.
18. 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
19. Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx. 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.
20. Windows 7 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.



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