

# STYLE MEETS SUBSTANCE

HP ProBook 5310m Notebook PC



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

## HP ProBook 5310m Notebook PC

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 HD<sup>4</sup> 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,<sup>5</sup> 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 Gobi<sup>7</sup> 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.<sup>9</sup>

*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-free<sup>17</sup> option that uses materials with lower environmental impact.



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<b>Operating system</b> <small>(Windows® 7 will be offered upon general availability from Microsoft)</small>	<b>Preinstalled:</b> Genuine Windows® 7 Professional 32 <sup>1</sup> Genuine Windows 7 Home Premium 32 <sup>1</sup> Windows® XP Professional (available through downgrade rights from Genuine Windows 7 Professional <sup>2</sup> ) FreeDOS	<b>Supported:</b> Genuine Windows 7 Enterprise 32 <sup>1</sup> Genuine Windows Vista® Enterprise 32 <sup>19</sup>  <b>Certified:</b> SUSE Linux Enterprise Desktop 10
<b>Processor</b>	Intel® Core™2 Duo <sup>3</sup> SP9300 <sup>20</sup> (2.26 GHz, 6 MB L2 cache) Intel® Celeron <sup>3</sup> SU2300 <sup>20</sup> (1.20 GHz, 1 MB L2 cache)	
<b>Chipset</b>	Mobile Intel GS45 Express Chipset ICH9M-Enhanced	
<b>Memory</b>	DDR3 SDRAM, 1333 MHz (running at 1066 MHz), one slot supporting 2048/4096 MB SODIMM <sup>11</sup>	
<b>Internal Storage<sup>12</sup></b>	160/250/320 GB 7200 rpm SATA with HP 3D DriveGuard (supported on Windows models only); or 128 GB Solid State Drive	
<b>Removable Storage<sup>14</sup></b>	Optional HP External USB 2.0 CD/DVD R/RW Drive	
<b>Display</b>	13.3-inch diagonal LED-backlit HD <sup>4</sup> (1366 x 768) (BrightView or antiglare)	
<b>Graphics<sup>18</sup></b>	Mobile Intel GMA 4500MHD	
<b>Audio/Visual</b>	High Definition Audio, stereo speakers, combo stereo headphone/mic jack, integrated dual-microphone array; integrated 2 MP webcam	
<b>Wireless support<sup>5, 6, 7, 14</sup></b>	Optional HP un2450 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	
<b>Communications<sup>13</sup></b>	Marvell Ethernet (10/100/1000 NIC)	
<b>Expansion slots</b>	Secure Digital slot: supports SD (Secure Digital), MMC (MultiMedia Card)	
<b>Ports and connectors</b>	(3) USB 2.0 ports (1 powered), DisplayPort, power connector, RJ-45/Ethernet, combo stereo headphone/mic jack	
<b>Input device</b>	Full-sized keyboard, touchpad with scroll zone, gesture support capable	
<b>Software</b>	HP QuickLook 3, <sup>9</sup> HP QuickWeb, <sup>16</sup> HP Softpaq Download Manager, HP Recovery Manager (Windows Vista only), Roxio Creator 10 (requires separately purchased external optical drive), <sup>14</sup> Microsoft® Office Ready <sup>10</sup>	
<b>Security</b>	HP ProtectTools, Device Access Manager, Enhanced Pre-Boot Security, HP Spare Key, HP Disk Sanitizer, <sup>8</sup> Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools, <sup>8</sup> Kensington Lock slot, McAfee Security Solution <sup>15</sup>	
<b>Dimensions</b>	.93 x 12.9 x 8.7 in / 23.5 x 328 x 221 mm	
<b>Weight</b>	Starting at: 3.79 lb / 1.72 kg (weight will vary by configuration)	
<b>Power</b>	4-cell (41WHr) Lithium-Ion battery, 6-cell (62WHr) Lithium-Ion battery, 65W HP Smart AC Adapter	
<b>Expansion Solutions<sup>14</sup></b>	HP USB 2.0 Docking Station, HP Essential USB Port Replicator, HP Basic Adjustable Stand	
<b>Warranty</b>	Limited 1-year warranty, 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: <a href="http://www.hp.com/go/lookuptool">http://www.hp.com/go/lookuptool</a> .	

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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/windows-7/> for details.
2. Windows 7 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 or Windows 7 based systems. Timing may vary depending on the system configuration. Not available on HP ProBook s-series with DDR2 or HP Minis.
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. 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.
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 or Windows 7 based systems. Timing may vary depending on the system configuration. Not available on HP ProBook s-series with DDR2 or HP Minis.
17. HP ProBook 5310m is BFR/PVC-free on notebooks including Broadcom WLAN that are non-WWAN (where available). Power supply and power cords are not BFR/PVC-free. Service parts after purchase may not be BFR/PVC-free.
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.msp](http://www.microsoft.com/windowsvista/getready/hardwarereqs.msp). 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](http://www.windowsvista.com/upgradeadvisor).
20. Intel's numbering is not a measurement of higher performance.



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June 2009