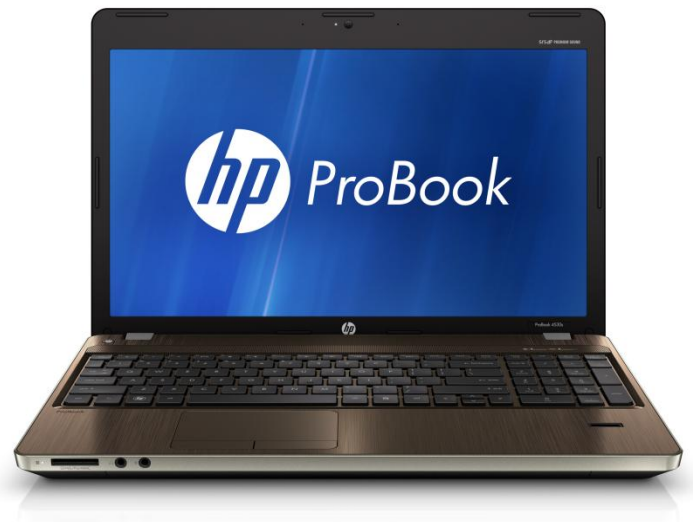




## ProBook 4330s, 4430s, 4530s and 4730s Notebook PC

Business Partner

HP's s-series business notebooks combine a great ID and metal finish with a wide breadth of security solutions, advanced multimedia features, Intel technology and display size and color options.



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

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### Durable metal design and options

Ideal for small and medium businesses, the HP ProBook s-series balances functionality with style and affordability. Durability starts with high-strength precision-formed aluminum that is deeply anodized to create a rich, smudge-resistant and wear-resistant HP DuraFinish, available in metallic gray and java colors. Also choose between a 13.3-, 14.0-, 15.6- or 17.3-inch diagonal HD<sup>1</sup> display.

### Complete set of security features

From preboot BIOS authentication to password management with credential manager and drive encryption, HP provides a complete security tool to support users' needs. HP ProtectTools<sup>11</sup> is easy to use, robust and can be centrally managed. Plus, HP Fingerprint Sensor and HP Face Recognition make it easy to log in to your PC.

### Powerful connections

With integrated WWAN<sup>12</sup> and HP Connection Manager, you can be connected in more places business takes you. With the optional 6- and 9-cell batteries<sup>10</sup> and HP Power Assistant<sup>14</sup>, you gain great battery run time in a truly mobile experience.

The new USB 3.0 connector lets you share and transfer files faster than the previous USB 2.0 connector version.

### Advanced multimedia support

The notebook comes loaded with the new ArcSoft TotalMedia Suite that allows you to play, edit and create video and audio files. Experience life in high-definition<sup>1</sup> with the HDMI port that allows you to connect directly to high-definition displays.<sup>23</sup> SRS Premium Sound seamlessly reduces background noise during video conferencing and dramatically improves the sound coming from your speakers or headphones.

### Incredible performance

The new Intel architecture features 2nd generation Intel® Core™ i7<sup>2</sup>, i5<sup>2</sup> and i3<sup>2</sup> dual-core and quad-core processors and Intel® Celeron processor.

### Built to simplify

With HP QuickWeb<sup>3</sup> you can tap into fast, convenient and more secure access to the internet, email, contacts and calendar at the touch of a button without long boot-up times.

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THE COMPUTER  
IS PERSONAL  
AGAIN.



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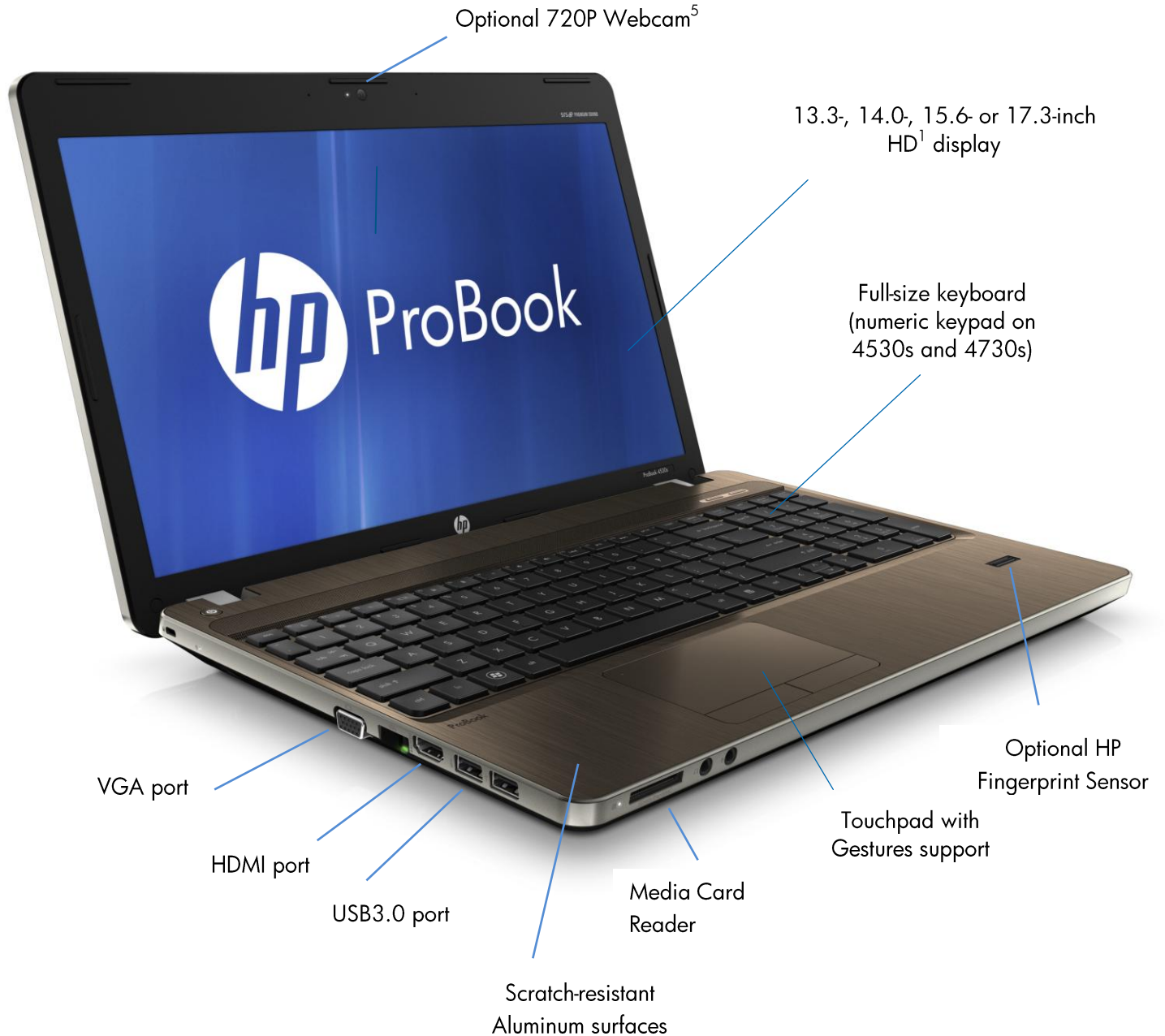
## SPECIFICATIONS

<b>Operating system</b>	Preinstalled: Genuine Windows® 7 Professional <sup>4</sup> Genuine Windows 7 Home Premium <sup>4</sup> Genuine Windows 7 Home Basic <sup>4</sup> (select countries) Genuine Windows 7 Starter <sup>5</sup> (select countries/configurations) Genuine Windows Vista Home Basic <sup>5</sup> (select countries) SUSE Linux Enterprise Desktop 11 FreeDOS	Supported: Genuine Windows XP Professional	Certified: SUSE Linux Enterprise Desktop
<b>Processor</b>	2 <sup>nd</sup> generation Intel® Core™ i7 mobile processors <sup>2</sup> with Turbo Boost Technology <sup>6</sup> ; 2 <sup>nd</sup> generation Intel® Core™ i5 mobile processors <sup>2</sup> with Turbo Boost Technology <sup>6</sup> ; 2 <sup>nd</sup> generation Intel® Core™ i3 mobile processors, <sup>2</sup> Intel® Celeron processor		
<b>Chipset</b>	Mobile Intel HM65 Express Chipset		
<b>Memory</b>	DDR3 SDRAM, 1333 MHz, two slots supporting dual-channel memory, <sup>7</sup> 2/4 GB SODIMMs, up to 8 GB total <sup>7</sup>		
<b>Internal Storage<sup>8</sup></b>	250/320/500/750 GB 7200 rpm SMART SATA II HDD, 250/320/500/640 GB 5400 rpm SMART SATA II HDD; HP 3D DriveGuard <sup>9</sup>		
<b>Removable Storage</b>	Fixed 12.7-mm SATA optical drive: Blu-ray R/RE DVD+/-RW SuperMulti DL Drive, <sup>10, 11</sup> Blu-ray ROM DVD+/-RW SuperMulti DL LightScribe Drive, <sup>10, 11, 20</sup> DVD+/-RW SuperMulti DL LightScribe Drive, <sup>10, 20</sup> DVD-ROM Drive, <sup>10, 20</sup> or weight saver		
<b>Display</b>	HP 4330s: 13.3-inch diagonal LED-backlit HD <sup>1</sup> anti-glare or BrightView (1366 x 768) HP 4430s: 14.0-inch diagonal LED-backlit HD <sup>1</sup> anti-glare or BrightView (1366 x 768) HP 4530s: 15.6-inch diagonal LED-backlit HD <sup>1</sup> anti-glare or BrightView (1366 x 768), 15.6-inch diagonal LED-backlit HD+ <sup>1</sup> anti-glare (1600 x 900) HP 4730s: 17.3-inch diagonal LED-backlit HD+ <sup>1</sup> anti-glare (1600 x 900)		
<b>Graphics</b>	Integrated: Intel® HD <sup>1</sup> Graphics 3000 <sup>22</sup> ; Intel® HD Graphics for Celeron (not an option on HP ProBook 4730s) <sup>24</sup> Discrete: AMD Radeon HD 6470M with 512 MG or 1 GB dedicated GDDR5 video memory (not available at product introduction) <sup>24</sup>		
<b>Audio/Visual</b>	High Definition Audio (SRS Premium Sound), stereo speakers, stereo headphone/line out, stereo microphone in, optional 720p HD Webcam, <sup>1, 10</sup> integrated dual-microphone array. (Models without optional webcam have single integrated microphone)		
<b>Wireless Support<sup>12, 13</sup></b>	Optional HP Ic2010 Mobile Broadband Module; <sup>12</sup> (only HP 4330s and 4530s UMA); Optional HP un2430 EV-DO/HSPA Mobile Broadband (planned to be available 2Q 2011); <sup>12</sup> only HP 4330s and 4530s UMA ;HP 4430s, HP 4730s: no optional WWAN 802.11b/g/n, <sup>13</sup> 802.11a/b/g/n <sup>13</sup> with BT combo card, 802.11b/g/n <sup>13</sup> with BT combo card; HP Connection Manager 4.0		
<b>Communications</b>	Integrated Realtek Ethernet (10/100/1000), optional 56K v.92 modem		
<b>Ports and Connectors</b>	(3) USB 2.0 ports, (1) USB 3.0 port, (1) VGA, (1) HDMI, (1) stereo microphone in, (1) stereo headphone/line out, (1) power connector, (1) RJ-11/modem, (1) RJ-45/ethernet		
<b>Expansion Slots</b>	(1) ExpressCard/34 slot, (1) SD 3.0 HS Media Card Reader (6-in-1)		
<b>Input Device</b>	Full-sized, spill-resistant keyboard with drains, touchpad with scroll zone and gestures support; separate numeric keypad on HP 4530s and 4730s; launch buttons (wireless on/off, HP QuickWeb <sup>3</sup> )		
<b>Software (Windows OS only)</b>	HP Power Assistant, <sup>14</sup> HP Recovery Manager, HP Support Assistant, HP QuickWeb, <sup>5</sup> Microsoft® Office 2010 Preloaded - Purchase Key, <sup>15</sup> ArcSoft Total Media Suite, HP Connection Manager 4.0, HP SoftPaq Download Manager, Norton Internet Security 2011, <sup>16</sup> Skype <sup>17</sup>		
<b>Security</b>	Standard: HP ProtectTools, <sup>9</sup> Device Access Manager, Enhanced Pre-Boot Security, HP Spare Key, HP Disk Sanitizer, <sup>18</sup> Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools, <sup>18</sup> Kensington Lock slot, Norton Internet Security 2011 Optional: HP Fingerprint Sensor		
<b>Dimensions (h x w x d)</b>	HP 4330s: 1.10 in (at front) x 12.99 in x 9.28 in / 2.79 cm (at front) x 33.0 cm x 23.50 cm HP 4430s: 1.11 in (at front) x 13.00 in x 9.27 in / 2.81 cm (at front) x 33.90 cm x 23.50 cm HP 4530s: 1.13 in (at front) x 14.76 in x 10.10 in / 2.87 cm (at front) x 37.40 cm x 25.60 cm HP 4730s: 1.15 in (at front) x 16.29 in x 11.00 in / 2.90 cm (at front) x 41.40 cm x 27.90 cm		
<b>Weight</b>	HP 4330s: Starting at 4.41 lb (2.00 kg) without optical drive; 4.70 lb (2.13 kg) with optical drive (weight will vary by configuration) HP 4430s: Starting at 4.51 lb (2.04 kg) without optical drive; 4.83 lb (2.18 kg) with optical drive (weight will vary by configuration) HP 4530s: Starting at 5.22 lb (2.36 kg) without optical drive; 5.55 lb (2.51 kg) with optical drive (weight will vary by configuration) HP 4730s: Starting at 6.44 lb (2.92 kg) without optical drive; 6.72 lb (3.05 kg) with optical drive (weight will vary by configuration)		
<b>Power</b>	HP 4330s/4430s/4530s: 9-cell (93 WHr) Lithium-Ion battery, 6-cell (47 WHr) Lithium-Ion battery HP 4730s: 8-cell (73 WHr) Lithium-Ion battery 90W HP Smart AC Adapter (discrete graphics) or 65W HP Smart AC Adapter (integrated graphics), HP Fast Charge <sup>14</sup>		
<b>Expansion Solutions<sup>7</sup></b>	HP USB 2.0 Docking Station, HP Essential USB Port Replicator		
<b>Warranty</b>	Limited 3-year, 1-year and 90-day warranty options available, depending on country, 1-year limited warranty on primary battery. Optional HP Care Pack Services <sup>21</sup> 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. HD content required to view HD images.
2. 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. See [www.intel.com/info/em64t](http://www.intel.com/info/em64t) for more information. Dual/Quad Core is designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefit. Not all customers or software applications will necessarily benefit from use of this technology. Intel's numbering is not a measurement of higher performance.
3. HP QuickWeb is accessible when the notebook is off in Windows based systems. Internet access is 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.
4. This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. Not all features are available in all editions of Windows 7. See <http://www.microsoft.com/windows/windows7/> for details.
5. Certain Windows Vista product features require advanced or additional hardware. See [www.microsoft.com/windowsvista/getready/hardwarereqs.mspx](http://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](http://www.windowsvista.com/upgradeadvisor).
6. Intel® Turbo Boost 2.0 technology requires a PC with a processor with Intel Turbo Boost 2.0 capability. Intel Turbo Boost 2.0 performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
7. Maximum memory capacities require 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.
8. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 10 GB (for Vista) or 15 GB (for Windows 7) of system disk is reserved for the system recovery software.
9. Microsoft Windows required.
10. Sold separately or as an optional feature.
11. 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. In order for some Blu-ray titles to play, they may require an HDMI digital connection and your display may require HDCP support. HDDVD disks cannot be played on this drive. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs; discs burned with this drive may not be compatible with many existing singlelayer DVD drives and players. LightScribe creates a monochrome image. LightScribe media required and sold separately.
12. Wireless use requires separately purchased service contract. Check with your local vendor for coverage area and availability in your area. Connection and speeds will vary due to location, environment, network conditions, and other factors.
13. Wireless access point and Internet service required. Availability of public wireless access points limited.
14. 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 [www.epa.gov/egrid/](http://www.epa.gov/egrid/). Regional results will vary. Microsoft Windows required.
15. Environmental calculations were based on U.S. EPA eGrid 2007 data found at [www.epa.gov/egrid/](http://www.epa.gov/egrid/). Regional results will vary. Microsoft Windows required. 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 [www.office.com](http://www.office.com).
16. Internet access required. This product may include Norton or McAfee software. First 60 days included. Subscription required for live updates afterward.
17. Internet access required.
18. For the use cases outlined in the DOD 5220.22-M Supplement.
19. Fast Charge Technology recharges your battery up to 90% within 90 minutes when the system is off. Fast Charge Technology does not apply to 9-cell batteries. When the PC is powered on, charge time may increase and will vary based on the workload of the notebook PC.
20. As HD DVD 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. In order for some HD-DVD titles to play, they may require an HDMI digital connection and your display may require HDCP support. Blu-ray disks cannot be played on this drive. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs; discs burned with this drive may not be compatible with many existing singlelayer DVD drives and players. LightScribe creates a monochrome image. LightScribe media required and sold separately.
21. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [www.hp.com/go/lookuptool](http://www.hp.com/go/lookuptool).
22. Intel HD 3000 not available with Celeron processors. Celeron models include Intel® HD graphics.
23. HDMI cable sold separately.
24. Power Express Switchable Graphics requires discrete graphics, planned to be available in May 2011. All s series (except 4730s) ship with UMA graphics. Because the HP ProBook 4730s comes only with discrete graphics, it will be available after initial production.

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