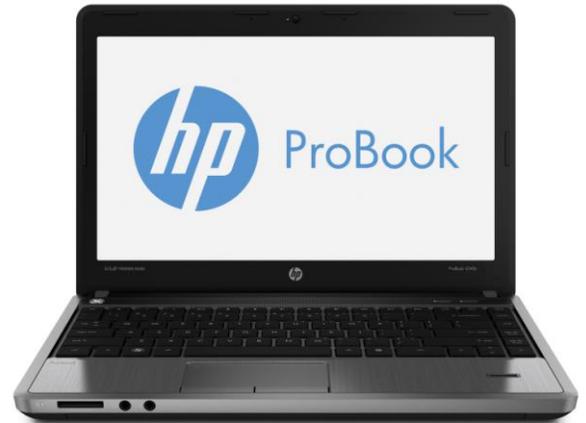


# ProBook 4540s Notebook PC

Your business partner



Optimized for Genuine Windows® 7,<sup>4</sup> this notebook is ideal for SMBs. It offers multimedia tools, easy-to-use security, and aluminum casing for added protection. Gain discrete graphics and battery-saving mode.<sup>22</sup>



HP recommends Windows® 7.

## Equipped to get the job done.

This business notebook combines Intel technology and various wireless capabilities<sup>12, 24</sup> with a 15.6-inch HD<sup>1</sup> diagonal display.

## Protection inside and out.

The aluminum casing offers extended durability to keep up with mobile use. The smudge-resistant and wear-resistant HP DuraFinish keeps the metallic gray color looking polished.

The spill-resistant keyboard helps protect sensitive electronics and key components from minor spills with a thin layer of Mylar film under the keyboard.

Accidents happen. HP 3D DriveGuard<sup>8</sup> helps protect your laptop's hard drive against impact, bumps and drops so your data has enhanced protection.

Easy-to-use yet robust security features safeguard your data from unauthorized users. From requiring a fingerprint swipe to Face Recognition,<sup>23</sup> your notebook is protected.

## Accomplish more with the right business tools

Use discrete graphics to create brilliant visuals and your PC automatically switches to battery-saving mode

when every day applications are used. AMD Dynamic Switchable Graphics make it happen without adding to your To Do list.<sup>22</sup>

Add edge to your presentations. Play, edit and create video and audio files with ArcSoft TotalMedia Suite.

Whether you're looking for a highly portable notebook, a laptop with a large display or somewhere in between, this laptop computer answers the call.

## Mix business with pleasure

Watch training videos at work and enjoy your favorite flicks at home—all thanks to the pre-loaded multimedia software. Use the HDMI port to plug into a large display at home, while running a movie downloaded to your notebook.<sup>2</sup>

Face time counts. The optional HD Webcam<sup>1,9,17</sup> helps you connect virtually to colleagues and family members when you can't be there in person. The ArcSoft Total Media Suite can be used to initiate your webcam and do personal photo editing and video recording.

After a long day at work, relax to crisp tunes coming directly from your business notebook and SRS Premium Sound.

SPECIFICATIONS	
<b>Operating system</b>	<p><b>Preinstalled:</b>            Genuine Windows® 7 Professional 64<sup>4</sup>            Genuine Windows 7 Home Premium 64<sup>4</sup>            Genuine Windows 7 Home Basic 64<sup>4</sup>            SUSE Linux Enterprise Desktop 11            FreeDOS</p> <p><b>Supported:</b>            Genuine Windows 7 Professional 32<sup>4</sup>            Genuine Windows 7 Home Premium 32<sup>4</sup>            Genuine Windows 7 Home Basic 32<sup>4</sup>            Genuine Windows XP Pro (discrete graphics not supported)</p> <p><b>Certified:</b>            Microsoft WHQL</p>
<b>Processor</b>	3 <sup>rd</sup> Generation Intel® Core™ i7, i5, and i3; <sup>21</sup> 2 <sup>nd</sup> Generation Intel® Core™ i5 and i3; <sup>21</sup> Intel® Celeron®
<b>Chipset</b>	Mobile Intel® HM76 Express
<b>Memory</b>	DDR3 SDRAM, 1333 MHz, two slots supporting dual-channel memory, <sup>7</sup> 2/4/8 GB SODIMMs, up to 16 GB total <sup>5</sup>
<b>Internal Storage<sup>16</sup></b>	320/500/750 GB 7200 rpm SMART SATA II HDD; HP 3D DriveGuard <sup>8</sup>
<b>Removable Storage</b>	Fixed 12.7 mm SATA optical drive: DVD+/-RW SuperMulti DL Drive, <sup>9</sup> Blu-ray ROM DVD+/-RW SuperMulti DL Drive <sup>9,10</sup>
<b>Display</b>	15.6" diagonal LED-backlit HD <sup>1</sup> anti-glare (1366 x 768)
<b>Graphics</b>	Integrated: Intel HD <sup>1</sup> Graphics 4000 (3 <sup>rd</sup> Generation Intel Core i7, i5 and i3); <sup>21</sup> Intel HD <sup>1</sup> Graphics 3000 (2 <sup>nd</sup> Generation Intel Core i5 and i3, <sup>21</sup> Celeron configurations) Discrete: AMD Radeon™ HD <sup>1</sup> 7650M, with 1 or 2 GB dedicated GDDR3 video memory
<b>Audio/Visual</b>	High Definition Audio (SRS Premium Sound), stereo speakers, single integrated digital microphone or dual array microphone on models with optional HD Webcam <sup>1, 9, 17</sup>
<b>Wireless Support</b>	HP un2430 EV-DO/HSDPA Mobile Broadband Module(Gobi™ 3000); <sup>9,12,24</sup> HP hs2350 HSPA+ Mobile Broadband Module; <sup>9,12,24</sup> 802.11b/g/n <sup>13</sup> 1x1, 802.11b/g/n <sup>13</sup> 1x1 with Bluetooth® v4.0 combo, 802.11a/b/g/n <sup>13</sup> 2x2 with Bluetooth® v4.0, Intel 802.11a/b/g/n <sup>13</sup> 2x2 with Bluetooth® v4.0 (2.1 on Linux operating system)
<b>Communications</b>	Realtek 10/100/1000 Ethernet Controller
<b>Ports and Connectors</b>	2 USB 3.0 ports, 2 USB 2.0 ports, 1 HDMI 1.4a, <sup>2</sup> 1 stereo microphone input, 1 headphone/line out, 1 RJ-45 (Ethernet), 1 power connector
<b>Expansion Slots</b>	Multi-media Reader Slot supporting SD, SDHC, SDXC, MMC, MMC+, Memory Stick
<b>Input Devices</b>	Full-sized, spill-resistant keyboard, touchpad with scroll zone and gestures support; numeric keypad; power button, 2 launch buttons (Web browser, WLAN)
<b>Software (Windows OS only)</b>	<p>HP Recovery Manager; HP Support Assistant; HP Quicklaunch Buttons Software; HP Web browser; HP Power Assistant;<sup>14</sup> HP Connection Manager; HP Wireless Assistant; ArcSoft Total Media Suite; Microsoft® Office Starter: reduced-functionality Word and Excel only, with advertising, no PowerPoint or Outlook. Buy Office 2010 to use the full-featured software;<sup>15</sup> WinZip Basic; Evernote; Adobe® Flash; Skype-ready,<sup>26</sup> PDF Complete Corporate Edition</p> <p>Custom Integration Services provides tailor-made, turnkey solutions for Business Ready PCs.</p>
<b>Security</b>	<p>Standard: HP ProtectTools, Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools,<sup>25</sup> HP ProtectTools Security Manager,<sup>8</sup> HP SpareKey, File Sanitizer for HP ProtectTools,<sup>19</sup> Pre-Boot Security, HP Face Recognition,<sup>18</sup> HP Disk Sanitizer,<sup>19</sup> Lock slot</p> <p>Optional: Intel® AT (requires a Computrace subscription),<sup>3</sup> HP Fingerprint reader</p>
<b>Dimensions (w x d x h)</b>	14.76 x 10.09 x 1.13 in 37.5 x 25.6 x 2.8 cm (at front)
<b>Weight<sup>11</sup></b>	Starting at 5.45 lb (2.47 kg) with optical drive (weight will vary by configuration)
<b>Power</b>	9-cell (93 WHr) Lithium-Ion battery, 6-cell (47 WHr) Lithium-Ion battery; 90W HP Smart AC Adapter (discrete graphics) or 65W HP Smart AC Adapter (integrated graphics); HP Fast Charge <sup>16</sup>
<b>Expansion Solutions<sup>9</sup></b>	HP USB 2.0 Docking Station, HP Essential USB Port Replicator, HP LAN and USB Travel Hub
<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>9,20</sup> are extended service contracts which go beyond your standard warranties. For more details visit: <a href="http://hp.com/go/lookuptool">hp.com/go/lookuptool</a>

# ProBook 4540s Notebook PC

HP recommends Windows® 7.

Genuine Windows® 7 Professional<sup>4</sup>

HD webcam (optional)<sup>1,9,17</sup>

15.6" HD<sup>1</sup> diagonal display

Full-size keyboard  
and numeric keypad

HP Fingerprint Sensor<sup>9</sup>

VGA port

HDMI 1.4 port<sup>2</sup>

USB3.0 ports

Scratch-resistant  
Aluminum surfaces

Media Card Reader

Touchpad with  
Gestures support



1. HD content required to view HD images.
2. HDMI cable sold separately.
3. Intel® AT security requires a separately purchased Absolute Computrace service subscription and must be activated and configured. Check with Absolute for availability in your country. Intel and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom. See [intel.com/technology/anti-theft](http://intel.com/technology/anti-theft)
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 [microsoft.com/windows/windows-7](http://microsoft.com/windows/windows-7) for details.
5. 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.
6. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 15 GB (for Windows 7) of system disk is reserved for the system recovery software.
7. Dual Channel is only supported when the system is configured with DDR2 symmetric memory (i.e. 2x256).
8. Microsoft Windows required.
9. Sold separately or as an optional feature.
10. 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. HD-DVD 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 single-layer DVD drives and players.
11. Weight varies by configuration and components.
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 [epa.gov/egrid](http://epa.gov/egrid). Regional results will vary. Microsoft Windows required.
15. 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 [office.com](http://office.com).
16. Fast Charge Technology recharges your battery up to 90% within 90 minutes when the system is off. Fast Charge Technology does not apply to the 9-cell battery. When the PC is powered on, charge time may increase and will vary based on the workload of the notebook PC.
17. Internet access required.
18. Microsoft Windows and webcam required.
19. For the use cases outlined in the DOD 5220.22-M Supplement.
20. 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 [hp.com/go/lookuptool](http://hp.com/go/lookuptool).
21. Multi-Core is 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. Intel's numbering is not a measurement of higher performance.
22. AMD Dynamic Switchable Graphics technology requires either an AMD "A" series APU or an Intel processor, plus an AMD Radeon™ discrete graphics configuration and is available on Windows® 7 Professional, Home Premium, and/or Home Basic OS. With AMD Dynamic Switchable Graphics technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).
23. Requires Microsoft Windows and webcam, as well as user's mobile phone set up.
24. WWAN is sold separately on the HP ProBook 4540s Notebook PCs. 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.
25. In order to deploy and receive updated policies, the client needs to be connected to the network server and requires separately purchased DigitalPersona Pro software. System access may not prevent users from logging into the system on the first attempt if policy updates haven't yet been received and applied. Requires Microsoft Windows.
26. Internet connection is required.

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