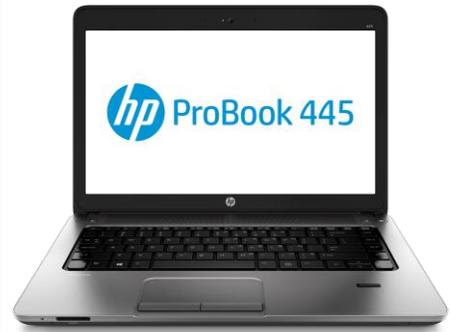




HP ProBook 445 Notebook PC

Stand up to your workload with a thin, durable HP ProBook designed to take anywhere.



HP recommends Windows.

Built to perform.

Style you can see and feel. Get the technology you trust from HP with cutting-edge style that looks and feels the way you want.

The power and performance of the HP ProBook is matched by the solid design and elegant finishes. Slim down your PC with a sleek, flat-panel display that's great to look at all day.

Super speed. Now data is faster than ever. With USB 3.0, you'll get faster transfer speeds than USB 2.0.

Make the most of virtual conferencing. DTS Sound+ and an HD webcam¹⁷ bring work to life through rich sound and video.¹⁸

Protect your work.

Stay one-step ahead of hacks and attacks. Built-in security safeguards your HP ProBook against viruses, detects possible corruption, and alerts you to unauthorized changes.

HP Client Security software suite helps you encrypt your hard drive, permanently delete unwanted or discarded data, restrict unauthorized access, and more.

Stay up and running. HP BIOS Protection offers enhanced protection against virus attacks and other security threats, and is designed to help prevent data loss and reduce downtime.¹⁹

No more remembering passwords. HP Password Manager lets you quickly log in to various online accounts.²⁰ Now your passwords can be longer and more secure.

Tough on the job.

HP ProBooks undergo challenging tests so you don't have to. During the HP Total Test Process, PCs experience 115,000 hours of performance trials to ensure they can withstand rigorous work environments.

Bumps happen. HP 3D DriveGuard helps protect your data when you're on the go by sensing sudden movement and protecting the hard drive.²¹

Sip while you work - no worries. This metal keyboard deck and spill-resistant keyboard can protect your system from minor spills.

It's all about connections.

With HP Wireless Hotspot, easily share your internet connection, helping colleagues to get online fast and improve productivity.¹⁶

Don't let the office tie you down. Work in more places with optional high-speed wireless connectivity.⁹

Put in more face time. You're ready for web chats and conferences with Skype™ pre-configured on your HP ProBook. It's almost as good as being there.^{17,18}





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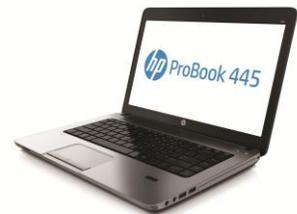
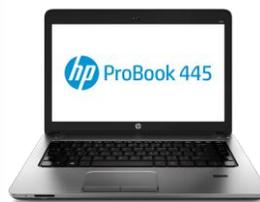
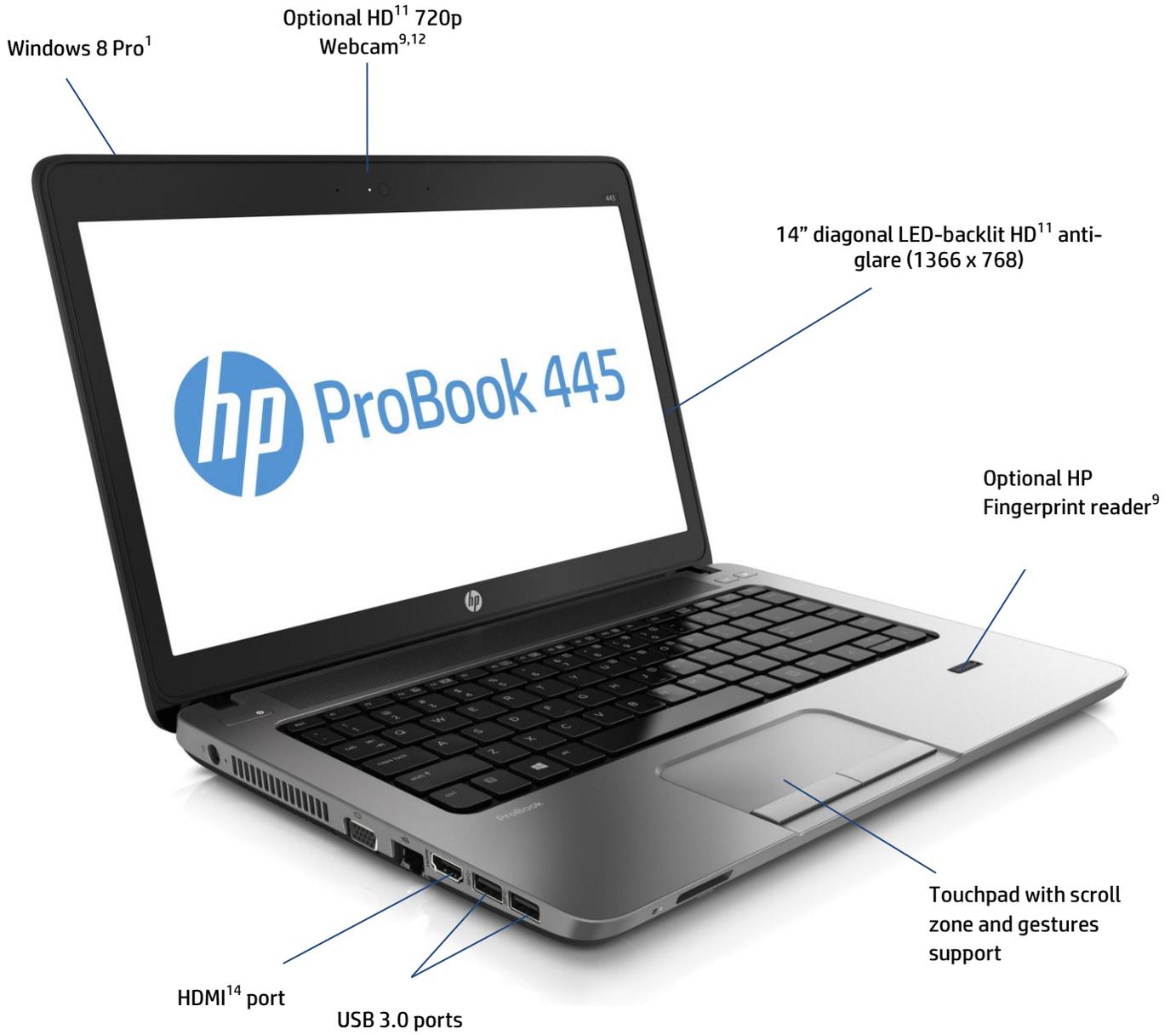
SPECIFICATIONS

Product Name	HP ProBook 445 G1 Notebook PC
Operating system	Preinstalled: Windows 8 Pro 64 ¹ Windows 7 Professional 64 (available through downgrade rights from Windows 8 Pro 64) ² Windows 8 64 ¹ Windows 7 Professional 64 ³ Windows 7 Home Premium 64 ³ Windows 7 Home Basic 64 ³ SUSE Linux Enterprise Desktop 11 FreeDOS
Accelerated Processing Unit	AMD Elite Quad-Core A8 Accelerated processor ²³ ; AMD Elite A6, A4 Accelerated processor ²³
AMD Controller Hub (Chipset)	AMD A76M FCH
Memory	DDR3L SDRAM, 1600 MHz, two slots supporting dual-channel memory, 2/4/8 GB SODIMMs, up to 16 GB total ⁷
Internal Storage	500 GB 7200 rpm SMART SATA II HDD; ⁸ 320/500/750 GB/1 TB ²² 5400 rpm SMART SATA II HDD ⁸
Removable Storage	Fixed 9.5 mm SATA optical drive: DVD+/-RW SuperMulti DL Drive; ⁹ DVD-ROM and option of no optical drive
Display	14" diagonal LED-backlit HD ¹¹ anti-glare (1366 x 768)
Graphics⁵	Integrated graphics AMD Elite Quad-Core A8-5550M APU with AMD Radeon™ HD 8550G Graphics AMD Elite Quad-Core A8-4500M APU with AMD Radeon™ HD 7640G Graphics ²² AMD Elite A6-5350M APU with AMD Radeon™ HD 8450G Graphics AMD Elite A6-4400M APU with AMD Radeon™ HD 7520G Graphics ²² AMD Elite A4-5150M APU with AMD Radeon™ HD 8350G Graphics AMD Elite A4-4300M APU with AMD Radeon™ HD 7420G Graphics ²² Discrete graphics AMD Radeon™ HD 8750M, with 1 or 2 GB dedicated DDR3 video memory Dual graphics⁴ AMD Elite Quad-Core A8-5550M APU with AMD Radeon HD 8550G and HD 8750M Graphics AMD Elite Quad-Core A8-4500M APU with AMD Radeon HD 7640G and HD 8750M Graphics ²² AMD Elite A6-5350M APU with AMD Radeon HD 8450G and HD 8750M Graphics AMD Elite A6-4400M APU with AMD Radeon™ HD 7520G and HD 8750M Graphics ²²
Audio/Visual	DTS Sound+, stereo speakers, single integrated digital microphone or dual array microphone on models with optional 720p HD ¹¹ Webcam ^{9,12}
Wireless Support	802.11 b/g/n 1x1, ^{9,24} 802.11 b/g/n 1x1 + Bluetooth® 4 Combo ^{9,24} (Linux support Bluetooth 2.1 only)
Communications	Realtek 10/100/1000 Ethernet Controller
Ports and Connectors	2 USB 3.0 ports, 2 USB 2.0 ports, 1 HDMI 1.4a, ¹⁴ 1 stereo microphone input, 1 headphone/line out, 1 RJ-45 (Ethernet), 1 VGA port, 1 power connector
Expansion Slots	Multi Media Reader Slot supporting SD, SDHC, SDXC, Memory Stick, MSXC
Input Devices	Full-sized, spill-resistant keyboard, touchpad with scroll zone and gestures support, power button, 2 launch buttons (Wireless on/off and speaker mute), Function Keys (without media control)
Software (Windows OS only)	HP Wireless Hotspot, ^{1b} Cyberlink Media Suite, HP ePrint, ^b HP Hotkey support, HP 3D DriveGuard, Winzip, PDF Complete Corporate Edition, Skype ready ¹⁵ , HP Recovery Manager, Evernote, HP Support Assistant, Buy Office
Security	Standard: HP Client Security, Microsoft Security Essentials (Win 7), Microsoft Defender (Win 8), HP Drive Encryption, Security Lock slot Optional: HP Fingerprint reader ⁹
Dimensions (w x d x h)	13.35 x 9.41 x 0.88 in (at front) 33.90 x 23.90 x 2.24 cm (at front)
Weight	Starting at 4.33 lb (1.97 kg) without optical drive (Weight will vary by configuration.) Starting at 4.62 lb (2.1 kg) with optical drive (Weight will vary by configuration.)
Power	9-cell (93 WHr) Lithium-Ion battery; 6-cell (47 WHr) Lithium-Ion battery; Fast Charge ¹⁰ ; 90W Smart AC Adapter
Expansion Solutions	Optional: HP 3005pr USB 3.0 Port Replicator, ⁹ HP 2005pr USB 2.0 Port Replicator ⁹
Warranty	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 ^{9,13} are extended service contracts which go beyond your standard warranties. For more details visit: http://www.hp.com/go/cpc .



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1. Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See <http://www.microsoft.com> for details.
2. This system is preinstalled with Windows® 7 Pro software and also comes with a license and media for Windows 8 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
3. 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/windows-7/> for details.
4. AMD Radeon™ Dual Graphics requires an AMD “A” series APU plus an AMD Radeon™ discrete graphics configuration.
5. 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 8 Pro, Windows 8, Windows 7 Professional, Windows 7 Home Premium and/or Windows 7 Home Basic OS.
Not available on Linux or FreedDOS. 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).
6. Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades
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 16 GB (for Windows 7) and 36 GB (for Windows 8) of system disk is reserved for the system recovery software.
9. Sold separately or as an optional feature.
10. 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.
11. HD content required to view HD images.
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. 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/cpc
14. HDMI cable sold separately.
15. Skype Ready. Skype is not offered in China.
16. The wireless hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your for plan details. Requires Windows.
17. Optional webcam required.
18. Internet access required.
19. HP Tools partition with an HP BIOS required for automatic recovery. Business Desktops do not support this HP BIOS Protection auto-recovery feature.
20. Requires Internet Explorer. Not all websites and applications may be supported.
21. Microsoft Windows required.
22. Planned to be available in June 2013.
23. 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. Multi core processing with AMD technology is designed to improve performance of this system. Given the wide range of applications available, performance will vary. AMD’s numbering is not a measurement of clock speed.
24. Wireless access point and internet service required and sold separately. Availability of public wireless access points is limited.

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