

HP ProBook 450 G4 Notebook PC



Built for productivity, the HP ProBook 450 delivers the performance and security features essential for today's workforce. The sleek and tough design provides professionals a flexible platform to stay productive in or out of the office.

HP recommends Windows 10 Pro.



- Windows 10 Pro¹

Designed for mobility

Work in style with the powerful 15.6-inch diagonal HP ProBook 450 with a new asteroid silver design. Confidently take on the day with a PC that's designed to pass MIL-STD 810G testing², built with an aluminum reinforced keyboard.

Powerful processing

Power through projects with 7th Gen Intel® Core™ processors³ and optional NVIDIA® GeForce® discrete graphics⁴.

Safeguard data and devices

Help keep sensitive data secure with comprehensive security features like HP BIOSphere⁵ as well as the embedded TPM and an optional fingerprint reader⁶.

Immersive experience

Enjoy the rich user experience of the HP ProBook 450 with long battery life and features designed to create a stunning visual and audio experience with HP Audio Boost, HP Noise Cancellation, and options like an FHD display⁴, and an HD touch display⁴.

Featuring

- Be productive in any situation. Experience the new features of Windows 10 Pro¹ on the powerful, touch⁴ optional HP ProBook 450.
- Stand up to the workload with a ProBook that is designed to pass MIL-STD 810G testing².
- Help suppress ambient noise including keyboard clicks with HP Noise Cancellation Software.
- Help make good speakers sound great with the HP Audio Boost.
- With TPM 2.0 embedded security your critical data has protection with hardware-based encryption keys.
- Help protect your ProBook from minor spills with an optional backlit⁴ spill-resistant HP Premium Keyboard.
- Avoid surprises by tracking device health and security policy enforcement. With the HP Touchpoint Manager app, IT can quickly address risks to keep devices functional, and employees productive⁵.
- Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks⁵.

HP ProBook 450 G4 Notebook PC Specifications Table



Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Pro (National Academic only) ¹ Windows 10 Home Single Language 64 ¹ Windows 10 Home 64 (National Academic only) ¹ Windows 10 Home 64 ¹ FreeDOS 2.0
Processor Family	7th Generation Intel® Core™ i3 processor; 7th Generation Intel® Core™ i5 processor; 7th Generation Intel® Core™ i7 processor ^{2,17}
Available Processors	Intel® Core™ i7-7500U with Intel HD Graphics 620 (2.7 GHz, up to 3.5 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 core) Intel® Core™ i5-7200U with Intel HD Graphics 620 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 core) Intel® Core™ i3-7100U with Intel HD Graphics 620 (2.4 GHz, 3 MB cache, 2 core) ^{2,17}
Chipset	Chipset is integrated with processor
Maximum Memory	16 GB DDR4-2133 SDRAM (Transfer rates up to 2133 MT/s. Both slots are customer accessible/upgradeable. Supports dual channel memory.)
Memory Slots	2 SODIMM
Internal Storage	500 GB SATA HD (7200 rpm) ³ 500 GB up to 2 TB SATA HD (5400 rpm) ³ 128 GB up to 256 GB M.2 SATA SSD ³ 500 GB SATA SSHD (5400 rpm) ³ 512 GB (2 x 256 GB) SATA SSD ³
Optical Drive	DVD+/-RW SuperMulti DL; DVD-ROM ⁴ (Option of no optical drive.)
Flash Cache	8 GB
Display	15.6" diagonal HD anti-glare LED-backlit (1366 x 768); 15.6" diagonal FHD anti-glare LED-backlit (1920 x 1080); 15.6" diagonal HD touch screen (1366 x 768)
Available Graphics	Integrated: Intel® HD Graphics 620 Discrete: NVIDIA® GeForce® 930MX (2 GB DDR3 dedicated, switchable) (Integrated graphics depends on processor. NVIDIA® Optimus™ technology requires an Intel processor, plus an NVIDIA® GeForce® discrete graphics configuration and is available on Windows 10 Professional OS. With NVIDIA® Optimus™ 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).)
Audio	Integrated stereo speakers; Headphone/microphone combo jack; Integrated microphone
Wireless Technologies	Realtek 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo; Intel® Dual Band Wireless-AC 3168 802.11a/b/g/n/ac (1x1) WiFi and Bluetooth® 4.0 Combo; Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.0 Combo (non-vPro); Intel® Dual Band Wireless-AC 7265 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro) ^{4,5,6}
Communications	Realtek Ethernet (10/100/1000)
Expansion Slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Ports and Connectors	1 USB 2.0 (power port); 1 USB 3.0; 1 USB 3.0 Type-C™ port; 1 HDMI; 1 RJ-45; 1 VGA; 1 headphone/microphone combo; 1 AC power
Input Device	HP Premium Keyboard, full-sized, backlit, chiclet, spill resistant with numeric keypad; Clickpad with multitouch gestures, taps enabled as default, 3 finger flick
Camera	720p HD webcam ^{7,8}
Available Software	Buy Office, Skype, HP Mobile Connect, HP ePrint Driver, Absolute Persistence Module; HP SoftPaq Download Manager; HP 3D Driveguard; HP Recovery Manager; HP Support Assistant; HP Sure Connect; HP Touchpoint Manager; CyberLink Power2Go; CyberLink Power Media Player ^{9,10,11,12,15}
Security Management	HP Fingerprint Reader; Security lock slot; Preboot Authentication; HP Security Manager; TPM 2.0 (1.2 optional)
Power	45 W Smart AC adapter HP 3-cell, 48 Wh Long Life Li-ion ¹⁴ Up to 14 hours and 15 minutes ¹⁶
Dimensions	15.04 x 10.35 x 0.96 in (non-touch); 15.05 x 10.37 x 1.03 in (touch) 38.20 x 26.30 x 2.44 cm (non-touch); 38.22 x 26.35 x 2.61 cm (touch)

Weight	Starting at 4.49 lb Starting at 2.04 kg (Lowest weight configuration. Weight will vary by configuration. See QuickSpecs.)
Environmental	Low halogen ¹³
Energy Efficiency Compliance	ENERGY STAR® certified configurations available; EPEAT® Gold registered. EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

HP ProBook 450 G4 Notebook PC

Accessories and services (not included)

HP 3005pr USB 3.0 Port Replicator



Everything you need every day, ready with one simple connection. The HP 3005pr USB 3.0 Port Replicator is our ultimate platform-independent hot desking solution. Get online, make up to six of your everyday USB devices immediately available, and expand your productivity with connection to two external displays—all through one USB 3.0 cable.^{1,2,3}

Product number: H1L08AA

HP Stylish USB Keyboard and Mouse



Built for everyday ease of use, the HP Stylish USB Keyboard and Mouse boasts an impressively sleek and durable design that complements your HP Business Notebook.

Product number: H4B80AA

HP Notebook Power Bank



Boost your notebook's¹ uptime and charge your everyday USB devices at the same time with the portable, chargeable HP Notebook Power Bank.

Product number: N9F71AA

HP Essential Keyed Cable Lock



Add an extra layer of security to your notebook with the HP Essential Keyed Cable Lock, designed for any notebook with a standard lock slot.

Product number: T0Y14AA

HP Essential Backpack



The HP Essential Backpack is a great notebook carrying solution for both students and business professionals.

Product number: H1D24AA

Messaging Footnotes

- ¹ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- ² MIL STD 810G testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- ³ Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ⁴ Sold separately or as an optional feature.
- ⁵ HP BIOSphere features may vary depending on the PC platform and configurations.
- ⁶ HP Touchpoint Manager supports Android™, iOS and Windows operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information. Touchpoint Manager requires purchase of a subscription. Out-of-band HP only Wipe, Lock, Unlock and reporting of BIOS boot error codes is available on select HP EliteBooks and select HP Elite x2 devices requires an internet connection, Intel® vPro™ technology and functions in S3/Sleep, S4/Hibernate and S5/Soft Off power states. SATA drives are wiped. The remote wipe of Self Encrypting Drives that have hardware encryption active is not supported. Some features require a Pro subscription.

Technical Specifications Footnotes

- ¹ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- ² Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ³ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
- ⁴ Double-layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players. Note that this drive cannot read or write to 2.6 GB single-sided/5.2 GB double-sided – version 1.0 media. Don't copy copy-right protected materials.
- ⁵ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac 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 802.11ac WLAN devices.
- ⁶ Mobile Broadband requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, and in all regions.
- ⁷ HD content required to view HD images.
- ⁸ Internet access required.
- ⁹ Skype is not offered in China.
- ¹⁰ HP Mobile Connect is only available on preconfigured devices with WWAN. For geographic availability refer to www.hp.com/go/mobileconnect.
- ¹¹ 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 www.hp.com/go/eprintcenter).
- ¹² Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
- ¹³ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ¹⁴ Battery is internal and not replaceable by customer.
- ¹⁵ CyberLink Power Media Player only available with optical drive.
- ¹⁶ Windows 10/MM14 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See www.bapco.com for additional details.
- ¹⁷ Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.

Sign up for updates
hp.com/go/getupdated

Learn more at
hp.com

© Copyright 2016 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Bluetooth is a trademark of its proprietor and used by HP Inc. under license. Intel and Core are trademarks of Intel Corporation in the U.S. and other countries. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum NVIDIA, GeForce and Optimus are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. All other trademarks are the property of their respective owners.

4AA6-6622ENUC, October 2016

