

HP ProBook 450 G7 Notebook PC (8WC04UT)



Business class power, affordably priced

Full-featured, thin, and light, the reliable HP ProBook 450 offers essential commercial features at an affordable price to every business. Automatic security solutions, powerful performance, and long battery life help keep your business productive.



HP recommends Windows 10 Pro for business

Ready to meet the demands of your day

Equipped with the latest 10th Gen Intel® processor[3], long battery life, and speedy connectivity, the multi-tasking HP ProBook 450 laptop is ready to get you through your deadline-driven workday.

Multi-layered security protection

Your growing business requires the protection of a PC with commercial-grade security features. The HP ProBook 450 is enhanced with security and privacy features from the BIOS up.

Proven reliability

The ultraslim HP ProBook 450 opens 180° and passed 19 MIL-STD 810G tests[4]. It features a durable and stylish aluminum cover that holds the near borderless display and a CNC keyboard deck.

Specifications

Operating system	Windows 10 Pro 64
Product color	Pike silver plastic
Processor family	10th Generation Intel® Core™ i7 processor (i7-10510U)
Processor	Intel® Core™ i7-10510U processor with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) ^[6,7]
Memory	16 GB DDR4-2400 SDRAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce® MX250 (2 GB DDR5 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 620
Display	39.6 cm (15.6") diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080)
Display	15.6" diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080) ^[14,15,16,17,39]
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	Stereo speakers, integrated microphone (mono or dual array)
Minimum dimensions (W x D x H)	36.49 x 25.69 x 1.9 cm
Minimum dimensions (W x D x H)	14.37 x 10.11 x 0.75 in
Weight	Starting at 2 kg (non-touch); Starting at 2.03 kg (touch) (Weight will vary by configuration.)
Weight	Starting at 4.41 lb (non-touch); Starting at 4.48 lb (touch) (Weight will vary by configuration.)
Keyboard	HP Premium Keyboard, spill-resistant with optional backlit
Pointing device	Clickpad with multi-touch gesture support
Camera	720p HD camera
Ports	1 USB 3.1 Type-C™ Gen 1 (Power delivery, DisplayPort™); 2 USB 3.1 Gen 1; 1 USB 2.0 (power port); 1 HDMI 1.4b; 1 RJ-45; 1 headphone/microphone combo; 1 AC power (HDMI cable sold separately.)
Expansion slots	1 SD (Supports SD, SDHC, SDXC.)
Wireless	Realtek 802.11ac (2x2) WLAN and Bluetooth® 5 Combo
Power	HP Smart 65 W External AC power adapter ^[30]
Battery type	HP Long Life 3-cell, 45 Wh Li-ion
Battery weight	0.49 lb
Battery weight	0.22 kg
Energy efficiency	ENERGY STAR® certified
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3 ^[19,20]
Environmental	Low halogen; TCO 5.0 Certified
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Secure Erase; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Start Gen5; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense ^[21,22,23,24,25,26,27,28,29,35,38]
UPC number	(ABA) 194721023001; (ABL) 194721023049
Warranty	HP Services offers 3-year and 1-year limited warranties and 90 day software support options depending on country and the SKU selected by the customer. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. On-site service and extended coverage is also available with HP Care Pack Services, optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc . ^[31]

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[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, branding and/or naming is not a measurement of higher performance.

[4] MIL STD 810G testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

Technical Specifications Footnotes

[6] 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. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[14] HD content required to view HD images.

[15] Sold separately or as an optional feature.

[16] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[17] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[19] HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

[20] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

[21] 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.

[22] HP Drive Lock & Automatic Drive Lock is not supported on NVMe drives.

[23] HP Fingerprint Sensor sold separately or as an optional feature.

[24] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[25] Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[26] HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[27] Windows Defender Opt in and internet connection required for updates.

[28] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[29] HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

[30] Availability may vary by country.

[31] HP Care Packs are sold separately. 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. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

[35] HP Sure Sense requires Windows 10. See product specifications for availability.

[38] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

[39] Touch-enabled display and Sure View privacy panel will lower actual brightness.

© Copyright 2020 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Core and Intel vPro are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. NVIDIA, the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. Bluetooth is a trademark owned by its proprietor and used by HP Inc. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

