

**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.

Featuring**Let nothing stand in your way**

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP. ^[1]

High performance, high portability

Help speed up demanding business applications with a 10th Gen quad-core Intel® Core™ processor. ^[3]

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS - HP Sure Start Gen5 automatically recovers the BIOS from malware, rootkits, or corruption.

HP Sure Sense

Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click. ^[2]

Specifications

Operating system	Windows 10 Pro 64
Product color	Pike silver plastic
Processor family	10th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-10210U processor with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores) ^[6,7]
Memory	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Optical drive	Not included
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 Spill-resistant Backlit Keyboard
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 45 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 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	(ABE) 194850688683; (ACB) 195122032593; (AKC) 194850673221; (BED) 194850621161
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]

Top Recommended Displays, Accessories and Services

Value Displays

HP P244 23.8-inch Monitor	5QG35A7
HP P244 23.8-inch Monitor	5QG35A8
HP P244 23.8-inch Monitor	5QG35AA
HP P244 23.8-inch Monitor	5QG35U9
HP P224 21.5-inch Monitor	5QG34A7
HP P224 21.5-inch Monitor	5QG34A8
HP P224 21.5-inch Monitor	5QG34AA
HP P224 21.5-inch Monitor	5QG34U9

EliteDisplays

HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76U9

Docking Stations

HP USB-C Mini Dock	1PM64AA
HP USB-C Dock G5	5TW10AA
HP USB-C/A Universal Dock G2	5TW13AA

Cases

HP 15.6 Business Top Load	2SC66AA
HP Recycled Series 15.6-inch Top Load	5KN29AA

Backpacks

HP 17.3 Business Backpack	2SC67AA
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Keyboard and Mouse Kits

HP Slim USB Keyboard and Mouse	T6T83AA
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Mice

HP Comfort Grip Wireless Mouse	H2L63AA
HP 3-button USB Laser Mouse	H4B81AA

AC Adapters

HP 65W USB-C Slim Travel Power Adapter	3PN48AA
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Power Adapters

HP 65W USB-C Power Adapter	1HE08AA
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PC Locks

HP Sure Key Cable Lock	6UW42AA
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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 and/or software 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] HP Sure Click 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.

[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/kpc. 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.

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