HP ProBook 450 G5 Notebook PC

Power, style and value, just what your growing business needs.

Full-featured, thin, and light, the HP ProBook 450 lets professionals stay productive in the office and on the go. Stylish design, linear precision, and subtle curvature plus optional Quad Core[2] performance and long battery life make this ProBook essential for today's workforce.

HP recommends Windows 10 Pro.

Powerful processing

- Get through your deadline-driven, multitasking day with optional 7th Gen Intel® Core™ i3/i5[3] or 8th Gen Core™ i5/i7 Quad Core™ processors[2] and optional NVIDIA® GeForce® discrete graphics[4].

Stylish and durable ultraslim design

- The HP ProBook 450 delivers stylish design to every business. An ultraslim chassis in a refined new natural silver finish includes a keyboard deck made of durable premium stamped aluminum.

Designed for docking

- Quickly transition to desktop productivity with a single cable that supports docking via USB-C™ which allows you to connect multiple external displays[4], a power source, and a gigabit network connection through optional docks[4].

Immersive experience

- Experience vivid audio engagement and an easy conferencing experience with the Skype for Business™ Certified HP ProBook 450 with HP Audio Boost, HP Noise Cancellation.

- Experience the new features of Windows 10 Pro[1] on the thin, light, touch[4] optional HP ProBook 450.
- Fortify your security by using multiple factors of authentication including fingerprints and facial recognition.
- Get the best of both worlds with dual solid-state and hard drive storage options from HP.
- Battery life that gets you through the workday and beyond. Fast charge 90% in 90 minutes[5].
- Stay connected with self-healing wireless driver technology and support for the latest global 4G LTE wireless broadband technology[6].
- Stand up to the workload with a ProBook that is designed to pass MIL-STD 810G testing[7].
- Help suppress ambient noise including keyboard clicks with HP Noise Cancellation.
- Help make good speakers sound great with the HP Audio Boost.

HP ProBook 450 G5 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro. [1] Windows 10 Home 64 [1] FreeDOS 2.0
Processor family [5]	7th Generation Intel® Core™ i5 processor (i5-7200U); 8th Generation Intel® Core™ i5 processor (i5-8250U); 8th Generation Intel® Core™ i3 processor (i3-8130U); 8th Generation Intel® Core™ i7 processor (i7-8550U)
Available Processors [3,4,5]	Intel® Core™ i3-8130U with Intel® UHD graphics 620 (2.2 GHz base frecuency, up to 3.4 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i3-7100U with Intel® HD Graphics 620 (2.4 GHz, 3 MB cache, 2 cores); Intel® Core™ i7-8550U with Intel® UHD graphics 620 (1.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Core™ i5-8250U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores)
Chipset	Chipset is integrated with processor
Display size (diagonal)	15.6" [12,14]
Maximum memory	16 GB DDR4-2400 SDRAM [6] SODIMM slots are customer accessible/upgradeable; Supports dual channel memory
Memory slots	2 SODIMM
Internal storage	up to 1 TB SATA (5400 rpm) [7] up to 500 GB SATA (7200 rpm) [7] up to 512 GB M.2 PCIe NVMe TLC SSD [7,8] up to 256 GB M.2 PCIe NVMe SSD [7,8] up to 256 GB M.2 SATA TLC SSD [7]
Display	39.6 cm (15.6") diagonal HD touch screen, 220 cd/m2, 45% sRGB (1366 x 768); 39.6 cm (15.6") diagonal FHD UWVA anti-glare flat LED backlit, 220 cd/m2, 45% sRGB (1920 x 1080); 39.6 cm (15.6") diagonal HD SVA anti-glare LED-backlit, 220 cd/m2, 45% sRGB (1366 x 768) [12,14]
Available Graphics	Integrated: Intel® UHD Graphics 620; Intel® HD Graphics 620; Intel® HD Graphics 520; Intel® HD Graphics [12] Discrete: NVIDIA® GeForce® 930MX (2 GB DDR3 dedicated, switchable) [33]
Audio	2 Integrated stereo speakers; Integrated dual-microphone array
Wireless technologies	Realtek 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo; Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro™); HP lt4132 LTE/HSPA+ 4G Mobile Broadband; HP lt4210 LTE/HSPA+ 4G Mobile Broadband [9,10]
Expansion slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Ports and Connectors	1 USB 3.1 Type-C™ Gen 1 (Power Delivery, DisplayPort™); 2 USB 3.0; 1 USB 2.0 (power port); 1 HDMI 1.4b; 1 VGA; 1 RJ-45; 1 AC power; 1 headphone/microphone combo jack [11]
Input devices	HP Premium Keyboard; Full-size chiclet keyboard with numeric keypad, optional backlit Clickpad with image sensor, multi-touch gestures enabled, taps enabled as default
Communications	Realtek RTL8111HSH Gigabit Ethernet
Camera	HD camera; HD IR webcam [12,13]
Available Software	Native Miracast Support; HP LAN Protection; HP Velocity; HP 3D DriveGuard 6 (Windows required); HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP JumpStart; HP Support Assistant; HP Noise Cancellation Software; Buy Office; Bing search for IE11; HP Connection Optimizer [21,22,23]
Security management	HP BIOSphere Gen4; HP DriveLock and Automatic DriveLock; HP Client Security Gen3; TPM 2.0 [27,28,29,30,31,32,34]
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Management Integration Kit for Microsoft System Center Configuration Manager; LANDESK Management [24,25,26]
Power	45 W HP Smart AC adapter [17]
Battery type	HP 3-cell, 48 Wh Long Life Li-ion [16]
Battery life	Up to 14 hours and 30 minutes [15]
Dimensions	37.6 x 26.41 x 2.08 cm (non-touch); 37.6 x 26.41 x 2.28 cm (touch)
Weight	Starting at 2.1 kg (Weight varies by configuration and components)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® Gold [19]
Environmental specifications	Low halogen [20]
Warranty	1-year limited warranty (upgrades available, sold separately), 1-year warranty on primary battery