HP ProBook 445 G7 Notebook PC

Business class power, affordably priced

Full-featured, thin, and light, the reliable HP ProBook 445 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

- Get through your deadline-driven, multi-tasking day using the HP ProBook 445, available optional advanced AMD Ryzen™ 4000 series quad-core processors[2,3] and a long battery life.

Multi-layered security protection

- Your growing business requires the protection of a PC with commercial-grade security features. The HP ProBook 445 is enhanced with security and privacy from the BIOS up.

Proven reliability

- The ultraslim HP ProBook 445 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.

- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start for AMD the self-healing BIOS that automatically recovers from attacks or corruption without IT or user intervention.

- 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.

- Get peace-of-mind with a built-in HP Privacy Camera that blocks the lens of your camera.

- Instantly block prying eyes by making your screen appear dark and unreadable from the side with optional HP Sure View Gen3.

- Help protect your PC from websites and attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.

- Fortify your security by using multiple factors of authentication including optional fingerprint and facial recognition.

- Simplify securing your PC. HP Client Security Manager Gen5 offers a single interface to set up and manage your PC's powerful security features.

- Cover more ground and improve connectivity while on Wi-Fi® with HP Extended Range Wireless LAN that allows greater distance from transmission point and fast data throughput at shorter ranges.

- Long battery life will get you through a day of meetings and the HP Fast Charge will get up to 50% battery life in just 30 minutes of charging.

HP ProBook 445 G7 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] FreeDOS
Processor family[6]	AMD Ryzen™ APU processor
Available Processors[3,4,5,6]	AMD Ryzen™ 7 4700U APU with AMD Radeon™ Graphics (2 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 8 cores); AMD Ryzen™ 5 4500U APU with AMD Radeon™ Graphics (2.375 GHz base clock, up to 4 GHz max boost clock, 8 MB L3 cache, 6 cores); AMD Ryzen™ 3 4300U APU with AMD Radeon™ Graphics (2.7 GHz base clock, up to 3.8 GHz max boost clock, 4 MB L3 cache, 4 cores)
Maximum memory	16 GB DDR4-3200 SDRAM [7] Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	256 GB up to 512 GB PCIe® NVMe™ Value M.2 SSD[8] up to 512 GB PCIe® NVMe™ M.2 SSD TLC[8] up to 128 GB M.2 SATA SSD TLC[8] up to 1 TB 5400 rpm SATA[8] up to 500 GB 7200 rpm SATA[8]
Display	35.56 cm (14") diagonal FHD eDP+PSR anti-glare LED-backlit flat, 1000 nits, 72% NTSC (1920 x 1080); 35.56 cm (14") diagonal FHD IPS eDP anti-glare LED-backlit slim, 250 nits, 45% NTSC (1920 x 1080); 35.56 cm (14") diagonal HD SVA eDP anti-glare LED backlit slim, 220 nits, 45% NTSC (1366 x 768) [11,14]
Available Graphics	Integrated: AMD Radeon™ Graphics[11] (Support HD decode, DX12, HDMI 1.4.)
Audio	Stereo speakers, integrated microphone (mono or dual array)
Wireless technologies	Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™; Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® with Bluetooth® 5 Combo [9]
Expansion slots	1 SD (Supports SD, SDHC, SDXC.)
Ports and Connectors	2 USB 3.1 Gen 1; 1 USB 3.1 Type-C® Gen 1 (Power delivery, DisplayPort™); 1 USB 2.0 (power port); 1 Stereo headphone/microphone combo jack; 1 RJ-45; 1 HDMI 1.4; 1 AC power (HDMI cable sold separately.)
Input devices	HP Premium Keyboard, full-size island-style, spill resistant and optional backlit[12]; Clickpad with multi-touch gesture support;
Communications	Realtek 10/100/1000 GbE NIC [10];
Camera	720p HD camera; IR Camera [11,13]
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense; BIOS Update via Network; Master Boot Record Security; Support for chassis padlocks and cable lock devices[18,19,20,21,23,24,25,26]
Fingerprint reader	Fingerprint reader (select models)
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3[16,17]
Power	HP Smart 65 W External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 65 W USB Type-C® adapter[27]
Battery type	HP Long Life 3-cell, 45 Wh Li-ion
Dimensions	32.42 x 23.77 x 1.8 cm
Weight	Starting at 1.6 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 Gold[29]
Environmental specifications	Low halogen; TCO 8.0 Certified[30]
Warranty	1 year standard parts and labor limited warranty (1-1-0), depending on country (upgrades available). 1 year limited warranty on primary battery.

HP ProBook 445 G7 Notebook PC

Accesories and services (not included)

HP USB-C Mini Dock

Be productive on the go with streamlined, pocket-sized port expansion that's fashionable and functional. The HP USB-C™ Mini Dock has a modern, textured design and packs pass-through charging[1] and data, video, network, and device connectivity[2] into a compact, portable dock. Be productive on the go with streamlined, pocket-sized port expansion that's fashionable and functional. The HP USB-C™ Mini Dock has a modern, textured design and packs pass-through charging[1] and data, video, network, and device connectivity[2] into a compact, portable dock.
Product number: 1PM64AA

HP 17.3 Business Backpack

Keep your hands free and your notebook safe with the HP 17.3 Business Backpack, designed to go with you in and out of the office and on the road. It has lockable1 zippers, a secure RFID pocket, and room for your device up to 17.3" diagonal, phone, accessories, and so much more. HP's best combination of business features, functionality and value for mainstream business applications
Product number: 2SC67AA

HP Thunderbolt Dock 120W G2

Reinvent docking and boost productivity with our most versatile Thunderbolt™ dock, the small, sophisticated HP Thunderbolt Dock G2. Designed for workspace flexibility and network manageability[1], it delivers USB-C™[2] device connectivity and optional integrated audio.[3] HP's best combination of business features, functionality and value for mainstream business applications
Product number: 2UK37AA

HP 3 year Next Business Day Onsite Hardware Support for Notebooks

Receive 3 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.
Product number: U9VF3E

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Messaging Footnotes

[2] Quad-core processor sold separately or as an optional feature.

[3] 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. AMD's numbering is not a measurement of clock speed.

[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.

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

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

[7] Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory.

[8] HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at purchase. It is only available on non-touch models and is designed to function in landscape orientation.

[9] 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.

[10] Sold separately or as an optional feature.

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

[12] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.

[13] Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

Technical Specifications Footnotes

[1] Not all features are available in all editions or versions of Window. 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] Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see https://aka.ms/ProEducation for Windows 10 Pro Education feature information.

[3] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

[4] 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. AMD's numbering is not a measurement of clock speed.

[5] AMD Max Burst frequency performance varies depending on hardware, software and overall system configuration.

[6] 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.

[7] Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.

[8] 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.

[9] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft 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 802.11ax devices. Only available in countries where 802.11ax is supported.

[10] The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

[11] HD content required to view HD images.

[12] Backlit keyboard is an optional feature.

[13] Sold separately or as an optional feature.

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

[15] HP Support Assistant requires Windows and Internet access.

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

[17] HP Client Security Manager Gen6 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

[18] 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.

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

[20] 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).

[21] 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.

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

[24] 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.

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

[26] HP Fingerprint Reader sold separately or as an optional feature.

[27] Availability may vary by country.

[28] 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.

[29] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[30] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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