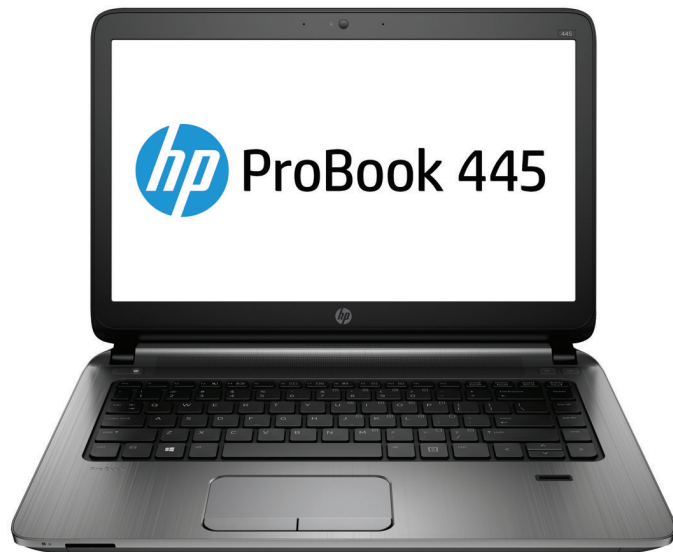# HP ProBook 445 G2 Notebook PC

Protect your data and investment with the ProBook designed to deliver impressive performance and reliability. Take on your workday with the budget friendly HP ProBook 445 G2.

Windows 10 Pro or other operating systems available

Affordable performance.

Help boost productivity and enjoy the robust performance of cost effective and energy-efficient AMD APUs[1] with optional AMD discrete graphics[2] supporting AMD Switchable Graphics[3] and optional AMD Radeon™ Dual Graphics[4] in the HP ProBook 445 G2.

Safeguard data and devices.

Help keep sensitive data secure with rock solid security features like HP Client Security,[5] and HP BIOS Protection,[6] as well as the embedded TPM 1.2.

Designed for mobility.

The soft touch paint on the LCD cover and brushed aluminum keyboard deck help you travel in style with the reliable and sleek 14-inch diagonal HP ProBook 445 G2 that withstood the 115,000 hour HP Total Test Process.

Featuring

Guard your data, device and identity with HP Client Security.[5]
HP BIOS Protection's[6] automated recovery restores a copy of the BIOS from a partition on the hard drive if crisis strikes.
With TPM 1.2 your critical data has protection with hardware-based encryption keys.
Rest easy with a ProBook that endures 115,000 hours of testing to help ensure reliability in the most demanding work environments.
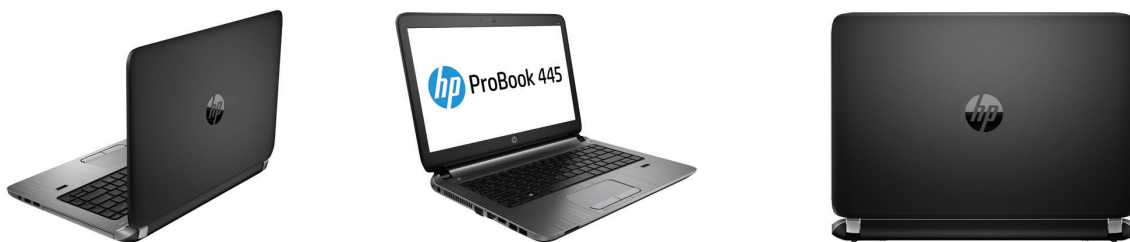Help protect your ProBook from minor spills with a backlit[7] spill-resistant keyboard.

Optional AMD discrete graphics[2] supporting AMD Switchable Graphics[3] and optional AMD Radeon™ Dual Graphics[4] on the HP ProBook 445, provide outstanding visual experiences on the HD display.
Easily share your internet connection with devices or colleagues to get productive fast.[8]
Gain faster, more reliable wireless than ever—with built-in Wi-Fi and Bluetooth® wireless technology.[9]

HP ProBook 445 G2 Notebook PC

Operating System	Windows 10 Pro 64[1] Windows 10 Home 64[1] Windows 8.1 Pro 64[1] Windows 8.1 64[1] Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)[2] Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro)[2] Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro)[31] Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro)[31] FreeDOS 2.0 Ubuntu Linux[3]
Processor Family	AMD A10 APU; AMD A8 APU; AMD A6 APU[4]
Processor	AMD Quad-Core A10-7300 APU with Radeon R6 Graphics (1.9 GHz, up to 3.2 GHz, 2 MB cache) AMD Quad-Core A8-7100 APU with Radeon R5 Graphics (1.8 GHz, up to 3 GHz, 2 MB cache) AMD Dual-Core A6 Pro-7050B APU with Radeon R4 Graphics (2.2 GHz, up to 3 GHz, 1 MB cache)
Chipset	AMD A76M FCH
Memory	Up to 16 GB DDR3L-1600 SDRAM Memory slots: 2 SODIMM
Internal Storage	up to 500 GB SATA (7200 rpm)[6] 320 GB up to 1.5 TB SATA (5400 rpm)[6] up to 128 GB SSD[6]
Upgrade Bay	DVD+/-RW SuperMulti DL; DVD-ROM[7]
Display	14" diagonal HD anti-glare LED-backlit (1366 x 768)[11]
Graphics	AMD Radeon R6 (AMD A10 APU configurations); AMD Radeon R5 (AMD A8 APU configurations); AMD Radeon R4 (AMD A6 APU configurations) AMD Radeon R5 M255 (A6 APU configurations, 1 or 2 GB DDR3 dedicated, switchable); AMD Radeon R7 M260DX (A10 APU configurations, 1 or 2 GB DDR3 dedicated, dual graphics); AMD Radeon R6 M255DX (A8 APU configurations, 1 or 2 GB DDR3 dedicated, dual graphics)[23,24]
Audio/Visual	DTS Sound+; Integrated stereo speakers; Integrated digital microphone (dual-microphone array when equipped with optional webcam); Function keys for microphone mute, volume up, and volume down; Headphone/microphone combo jack
Wireless Support	Realtek 802.11b/g/n (1x1); Realtek 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo; Broadcom 802.11a/b/g/n (2x2) and Bluetooth® 4.0 Combo[8]
Communications	Realtek Ethernet (10/100/1000)
Expansion Slots	1 multi-format digital media reader
Ports and Connectors	2 USB 3.0; 2 USB 2.0; 1 HDMI; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 VGA
Input Devices	Full-sized, spill resistant keyboard; Full-sized, spill resistant backlit keyboard (optional) Touchpad with gestures support, on/off button with LED indicator, two-way scroll, two pick buttons 720p HD webcam (select models)[11]
Software (Windows OS only)	Absolute Persistence; HP Device Access Manager with Just In Time Authentication; HP File Sanitizer; HP Client Security; HP BIOS Protection; HP Disk Sanitizer; HP DriveLock; HP SpareKey; HP Connection Manager; HP Wireless Hotspot; HP ePrint Driver; HP Hotkey Support; HP PageLift; HP Recovery Manager; HP Support Assistant; CyberLink PowerDVD; CyberLink YouCam BE (models with Windows 7); Foxit PhantomPDF Express; Buy Office; HP Recovery Disc Creator (models with Windows 7); HP Computrace[12,13,15,16,17,19,25,27,28,29]
Security	Standard: HP Client Security, Microsoft Defender (models with Windows 8), Drive Encryption, HP BIOS Protection, Security lock slot, TPM 1.2 Embedded Security Chip; Optional: HP Fingerprint Reader, Microsoft Security Essentials (models with Windows 7)[14,20,25,26]
Dimensions	33.92 x 24.4 x 2.31 to 2.52 cm (front to rear)
Weight	Starting at 1.89 kg
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available
Environmental Specifications	Low halogen[21]
Power	45 W Smart AC adapter; 45 W Smart AC adapter 2-prong (Japan only); 65 W Smart AC adapter; 65 W EM Smart AC adapter
Battery Type	4-cell, 44 WHr Li-ion; 4-cell, 40 WHr Long Life Li-ion
Battery Life	4-cell, 44 WHr models with hard drive: up to 5 hours and 45 minutes (integrated and discrete graphics, MM12); 4-cell, Long Life 40 WHr models with hard drive: up to 5 hours and 15 minutes (integrated and discrete graphics, MM12)[30]
Warranty	Limited 3 year, 1 year and 90 day warranty options available, depending on country, 1 year limited warranty on primary battery. Optional HP Care Pack Services are extended service contracts which go beyond your standard warranties.

HP ProBook 445 G2 Notebook PC

Recommended Accessories and Services

HP U160 15.6-inch LED Backlit Monitor

Adding a second screen to your notebook just got radically simpler with the lightweight HP U160 15.6-inch LED Backlit Monitor. Increase your productivity with a portable companion display that quickly opens into its own tilt-adjustable stand and easily connects to your notebook with one USB cable. Share presentations across a table or desk wherever you work. The adjustable stand quickly converts back into a carrying case so you can stow and go.
Product number: D4T56AA

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.
Product number: H1L08AA

HP USB Essential Keyboard and Mouse

The HP USB Essential Keyboard/Mouse Bundle is designed to help you customize your desktop work space when you park your notebook at the office.
Product number: H6L29AA

HP 3-year Travel Next Business Day Notebook Only Service

This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit www.hp.com/go/cpc.
Product number: UL653E

HP ProBook 445 G2 Notebook PC

Footnotes

[1] This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary. AMD's model numbering is not a measurement of clock speed.

[2] Sold separately or as an optional feature.

[3] AMD Dynamic Switchable Graphics technology requires either an AMD "A" series APU or an Intel processor, plus an AMD Radeon™ discrete graphics configuration and is not available on FreeDOS and Linux OS. With AMD Dynamic Switchable Graphics 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).

[4] AMD Radeon™ Dual Graphics requires an AMD "A" series APU plus optional AMD Radeon™ discrete graphics configuration and is available on Windows 7 and Windows 8. Linux OS supports manual switching which requires restart of X-Server to engage and/or disengage the discrete graphics processor for dual graphics capabilities. Additional hardware (e.g. Blu-ray drive, HD or 10-bit monitor, TV tuner, wirelessly enabled HDTV) and/or software (e.g. multimedia applications) are required for the full enablement of some features. HD Video display requires an HD video source

[5] Requires Windows.

[6] HP tools partition with HP BIOS required for automatic recovery.

[7] Backlit keyboard is expected to be available in Summer, 2014 as an optional feature.

[8] The wireless hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your plan for details.

[9] Wireless + Bluetooth combos is an optional add- on feature and requires wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

Technical specifications disclaimers

[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.microsoft.com.

[2] This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

[3] Fingerprint reader, TPM, AMD Dual Graphics are not supported with Linux.

[4] 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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[6] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 8.1/10) is reserved for system recovery software.

[7] 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.

[8] Wireless is an optional add- on feature and requires wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

[11] HD content required to view HD images.

[12] The HP Wireless Hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.1 or HP Connection Manager for Windows 7.

[13] ePrint requires an Internet connection to HP web-enabled printer. HP ePrint account registration required. For a list of eligible printers, supported documents and image types, and for complete details, see wwwhp.com/eprint

[14] HP Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.

[15] The Computrace agent is shipped turned off, and must be activated by customers when they purchase a subscription. Subscriptions can be purchased for terms ranging from one to multiple years. Service is limited, check with Absolute for availability outside the U.S.

[16] File Sanitizer is for the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled.

[17] HP PageLift requires Windows 8.

[19] HP Support Assistant: internet access required

[20] Microsoft Security Essentials on Windows 7 only. Internet access required.

[21] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

[23] AMD Radeon™ Dual Graphics requires an AMD "A" series APU plus optional AMD Radeon™ discrete graphics configuration and is available on Windows 8.1, Windows 8.1 Pro, Windows 7 Professional, Windows 7 Ultimate, Windows 7 Home Premium, and/or Windows 7 Home Basic OS. Linux OS supports manual switching which requires restart of X-Server to engage and/or disengage the discrete graphics processor for dual graphics capabilities. Additional hardware (e.g. Blu-ray drive, HD or 10-bit monitor, TV tuner, wirelessly enabled HDTV) and/or software (e.g. multimedia applications) are required for the full enablement of some features. HD Video display requires an HD video source

[24] AMD Dynamic Switchable Graphics technology requires either an AMD "A" series APU or an Intel processor, plus optional AMD Radeon™ discrete graphics configuration and is not available on FreeDOS and Linux OS. With AMD Dynamic Switchable Graphics 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).

[25] HP Client Security Manager requires Windows.

[26] Microsoft Defender requires internet access.

[27] Disk Sanitizer is for the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Requires Windows.

[28] DriveLock does not support Self Encrypting HDs (SEDs) if the encryption PIN is enabled.

[29] BIOS Absolute Persistence module is shipped turned off, and will be activated when customers purchase and activate a subscription. Service may be limited. Check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[30] Windows 8 MobileMark12 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

[31] This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

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