Datasheet

HP EliteBook 745 G5 Notebook PC

Modern design, powerful features.

Designed for the modern mobile professional, the HP EliteBook 745 offers enterprise-grade security and manageability along with powerful collaboration features to keep you connected.

HP recommends Windows 10 Pro.

Precision design

- Ultraslim design and a powerful viewing experience on the narrow border ultra-bright display makes working comfortable in almost any light condition. Transition from the field to the office quickly with the optional HP Thunderbolt Dock G2[2].

Built on a secure foundation

- Protect your PC against the evolving malware threats, with self-healing, hardware-enforced, and manageable security solutions from HP. From the BIOS to the browser, HP Sure Start Gen4[3] and HP Sure Click[4] help secure your PC.

Crystal-clear collaboration

- Calls sound crisp and clear with advanced collaboration features like HP Noise Cancellation. Loud top-firing speakers produce rich sound. The world-facing third microphone and collaboration keys help make PC calls productive.

- Power through your day with Windows 10 Pro[1] and the powerful security, collaboration and connectivity features from HP.
- Take on your work with an efficiently powerful, highly secure, and reliable AMD Ryzen™ PRO processor[5] with Radeon™ graphics.
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click[4].
- Never wonder if someone is watching you with the added peace-of-mind that comes from the optional HP Privacy Camera[6], with a physical shutter to protect from malicious surveillance.
- Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4[5] that automatically recovers the BIOS.
- HP Sure Run extends self-healing protection[7] to the operating system to help keep your critical applications and processes running even if malware tries to shut them down.
- Instantly protect against visual hacking with the optional HP Sure View Gen2[8] integrated privacy screen. At the touch of a button your screen appears unreadable to those around you while you see your content clearly.
- Fortify your security by using multiple factors of authentication including optional fingerprint and facial recognition[9].

HP recommends Windows 10 Pro.

HP EliteBook 745 G5 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro.[1] Windows 10 Pro 64 (National Academic only)[1,2] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] FreeDOS
Processor family[5]	8th Generation AMD Ryzen™ PRO APU processor
Available Processors[3,4,5]	AMD Ryzen™ 7 PRO 2700U APU with Radeon™ Vega Graphics (2.2 GHz base frequency, up to 3.8 GHz burst frequency, 6 MB cache, 4 cores) AMD Ryzen™ 5 PRO 2500U APU with Radeon™ Vega Graphics (2 GHz base frequency, up to 3.6 GHz burst frequency, 6 MB cache, 4 cores) AMD Ryzen™ 3 PRO 2300U APU with Radeon™ Vega Graphics (2 GHz base frequency, up to 3.4 GHz burst frequency, 6 MB cache, 4 cores)
Maximum memory	32 GB DDR4-2400 SDRAM [6] Transfer rates up to 2400 MT/s. Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	256 GB up to 512 GB PCIe® NVMe™ M.2 SSD[7] 512 GB M.2 SATA FIPS 140-2 SSD[7] 128 GB up to 256 GB SATA SSD[7]
Display[12,14,15,37]	14" diagonal FHD IPS eDP LED-backlit touch screen with Corning® Gorilla® Glass 3, 220 cd/m², 67% sRGB (1920 x 1080) HP Sure View Integrated Privacy Screen 14" diagonal FHD IPS eDP + PSR anti-glare LED-backlit, 700 cd/m², 100% sRGB (1920 x 1080) 14" diagonal FHD IPS eDP + PSR anti-glare LED-backlit, 400 cd/m², 100% sRGB (1920 x 1080) 14" diagonal FHD IPS eDP anti-glare LED-backlit, 220 cd/m², 67% sRGB (1920 x 1080)
Available Graphics	Integrated: AMD Radeon™ Vega Graphics
Audio	Bang & Olufsen, dual stereo speakers, integrated multi array microphone
Wireless technologies[8,9,10]	Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™ Realtek 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™ HP lt4132 LTE/HSPA+ 4G Mobile Broadband Intel® XMM™ 7360 LTE-Advanced (Compatible with Miracast-certified devices.)
Expansion slots	1 external SIM; 1 smart card reader [14]
Ports and Connectors	2 USB 3.1 Gen 1 (1 charging); 1 USB Type-C™; 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 2.0; 1 docking connector; 1 AC power (Cables are not included.)
Input devices	HP Premium Collaboration Keyboard spill resistant with drain, optional backlit; Clickpad with multi-touch gesture support, taps enabled as default; Ambient light sensor[14]
Communications	Realtek 10/100/1000 GbE [11];
Camera[12,13,14]	HD camera; HD IR webcam
Available Software[10,16,17]	HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP JumpStart; HP Noise Cancellation Software; HP Recovery Manager; HP Support Assistant; HP Velocity; HP WorkWise; Native Miracast support; Buy Office (Sold separately)
Security management[22,23,24,25,26,27,28,29,30,31,38]	Absolute persistence module; HP BIOSphere Gen4; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Password Manager; HP Secure Erase; Microsoft Security Defender; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP SureStart Gen4; HP Client Security Gen4
Management features	HP BIOS Config Utility (BCU); HP Client Catalog; HP Driver Packs; HP System Software Manager (SSM); HP Manageability Integration Kit Gen2[19,20,21]
Power[33]	HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 65 W USB Type-C™ adapter; HP Smart 45 W External AC power adapter; HP Smart 45 W USB Type-C™ adapter
Battery type	HP Long Life 3-cell, 50 Wh Li-ion
Battery life[32]	Up to 11 hours and 30 minutes
Dimensions	12.84 x 9.22 x 0.71 in
Weight	Starting at 3.27 lb (non-touch); Starting at 3.56 lb (touch)
Energy efficiency compliance[35]	ENERGY STAR® certified and EPEAT® Gold registered
Environmental specifications[36]	Low halogen
Warranty	HP Services offers 3 year and 1 year limited warranties and 90 day software limited warranty options depending on country. 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. HP Care Pack Services are 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.

HP recommends Windows 10 Pro.

HP EliteBook 745 G5 Notebook PC

Accessories and services (not included)

HP 65W Slim AC Adapter		Be productive with the HP Slim 65W Combo Adapter, which can power your HP Business Notebook or Ultrabook™. Product number: H6Y82AA
HP 3 year Next Business DayOnsite Hardware Supportw/Accidental Damage Protection-G2 for Notebooks HP 3 year Next Business Day Onsite Hardware Support w/Accidental Damage Protection-G2 for Notebooks		When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day Onsite Service with Accidental Damage Protection, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work. Product number: UC282E (for 1 year platforms), UF631E (for 3 year platforms)

HP recommends Windows 10 Pro.

HP EliteBook 745 G5 Notebook PC

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] Thunderbolt not supported on 700 series only supports USB-C.
[3] HP Sure Start Gen5 is available on HP EliteBook products equipped with AMD 8th generation processors.
[4] HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer and Chromium™. Check http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW for all compatible platforms as they become available.
[5] 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.
[6] HP Privacy Camera only available on non-touch screens equipped with HD or IR camera and must be installed at the factory.
[7] HP Sure Run is available on HP Elite products equipped with Intel® or AMD® 8th generation processors.
[8] HP Sure View integrated privacy screen is an optional feature available on EliteBook 745 G5 PCs equipped with non-touch screens and WWAN and must be configured at purchase.
[9] Sold separately or as an optional feature.

Technical Specifications Footnotes

[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.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] 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] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[5] NOTE: 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.
[6] 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.
[7] 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.
[8] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.
[9] WWAN module is optional and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
[10] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast.
[11] 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.
[12] HD content required to view HD images.
[13] Internet access required.
[14] Sold separately or as an optional feature.
[15] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[16] HP ePrint Drive requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Print times and connection speeds may vary.
[17] HP Support Assistant requires Windows and Internet access.
[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://www8.hp.com/us/en/ads/clientmanagement/overview.html
[21] Ivanti Management Suite subscription required.
[22] HP BIOSphere Gen4 features may vary depending on the PC platform and configurations. Requires Intel® or AMD 8th generation processors.
[23] Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on Elite platforms with BIOS version F.03 or higher.
[24] 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.
[25] HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.
[26] HP Password Manager requires Internet Explorer or Chrome or FireFox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
[27] HP Fingerprint Sensor sold separately or as an optional feature.
[28] Windows Defender Opt in and internet connection required for updates.
[29] RAID configuration is optional and does require a second hard drive.
[30] 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.
[31] HP Sure Start Gen4 is available on HP Elite products equipped with 8th generation Intel® or AMD processors.
[32] Windows 10 MM14 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.
[33] Availability may vary by country.
[34] 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] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.
[36] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[37] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase.
[38] HP Drive Lock is not supported on NVMe™ drives.

Sign up for updates hp.com/go/getupdated

Copyright © 2019 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.

AMD is a trademark of Advanced Micro Devices, Inc. Intel vPro is a trademark or registered trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries. USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

4AA7-2121, 4AA7-2121, 2019 May 8