Datasheet

HP 245 G7 Notebook PC

Budget friendly. Business ready.

Get connected with the value-priced HP 245 Laptop PC with the latest technology and a durable chassis that helps protect the laptop. Complete business tasks with an AMD Ryzen™ processors[2] and essential collaboration tools.

HP recommends Windows 10 Pro.

Powered for business

- Confidently complete projects with the latest technology including a powerful AMD Ryzen™ processor,[2] with optional DDR4 memory.[3]

Durable mobile design

- Rest assured that the HP 245 can keep up with mobile workstyles with a thinner and lighter design. The durable chassis protects the laptop, so it looks as professional as you do.

Well-connected

- Help secure the future of your business. PCs from HP make the most of Windows 10 Pro to protect you from today's security threats and maximize management and productivity features for business.[1]
- Sometimes in life, only a face-to-face conversation will do. Thanks to the optional HP HD Webcam with wide dynamic range (WDR), you always come off looking your best in bright and low light conditions.[3,4]
- Boot up and access apps faster with a high-speed solid-state drive or enjoy expansive storage for digital media with a high-capacity hard drive.[3,5]
- Suppress background noise including keyboard clicks with HP Noise Cancellation Software.
- Quickly connect to your wired network and peripherals in the office or at home with RJ-45 and HDMI ports. Easily back-up and move data to and from your HP 245 with the fast and convenient SD card slot.
- The firmware Trusted Platform Module (TPM) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
- Get fast connections with Gigabit LAN and an optional WLAN 802.11ac/Bluetooth® 5.0 combo.[3,6]

HP recommends Windows 10 Pro.

HP 245 G7 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1] Windows 10 Pro (National Academic only)[2] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] FreeDOS
Processor family[5]	AMD A6-Series APU processor; AMD A4-Series APU processor; AMD PRO A-Series APU processor; AMD Ryzen™ APU processor; AMD Athlon™ Gold APU processor; AMD Athlon™ Silver APU processor
Available Processors[3,4,5,24]	AMD Ryzen™ 5 3500U APU with Radeon™ Vega 8 Graphics (2.1 GHz base clock, up to 3.7 GHz max boost clock, 4 MB cache, 4 cores); AMD Ryzen™ 5 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 3300U APU with Radeon™ Vega 6 Graphics (2.1 GHz base clock, up to 3.5 GHz max boost clock, 4 MB cache, 4 cores); AMD Ryzen™ 3 2300U APU with Radeon™ Vega Graphics (2 GHz base frequency, up to 3.4 GHz burst frequency, 6 MB cache, 4 cores); AMD Ryzen™ 3 2200U APU with Radeon™ Vega Graphics (2.5 GHz base frequency, up to 3.4 GHz burst frequency, 5 MB cache, 2 cores); AMD A6-9225 APU with Radeon™ R4 Graphics (2.6 GHz base frequency, up to 3 GHz burst frequency, 1 MB cache, 2 cores); AMD A4-9125 APU with Radeon™ R3 Graphics (2.3 GHz base clock, up to 2.6 GHz max boost clock, 1 MB cache, 2 cores); AMD Athlon™ Gold 3150U APU with Radeon™ Graphics (2.4 GHz base frequency, up to 3.3 GHz burst frequency, 4 MB L3 cache, 2 cores); AMD PRO A6-8350B APU with Radeon™ R4 Graphics (3.1 GHz base frequency, up to 3.7 GHz burst frequency, 1 MB cache, 2 cores); AMD PRO A4-5350B APU with Radeon™ R3 Graphics (3 GHz base frequency, up to 3.6 GHz burst frequency, 1 MB cache, 2 cores); AMD Ryzen™ 3 3250U APU with Radeon™ Graphics (2.6 GHz base frequency, up to 3.5 GHz burst frequency, 1 MB cache, 2 cores); AMD Athlon™ Silver 3050U APU with Radeon™ Graphics (2.3 GHz base frequency, up to 3.2 GHz burst frequency, 1 MB cache, 2 cores)
Display size (diagonal)	14"[11,14]
Maximum memory	16 GB DDR4-2400 SDRAM; 8 GB DDR4-1866 SDRAM [6] Dual channel support.
Memory slots	2 SODIMM
Internal storage	128 GB up to 256 GB M.2 SATA SSD TLC [7] up to 500 GB 7200 rpm SATA [7] 500 GB up to 1 TB 5400 rpm SATA [7]
Display	14" diagonal HD SVA eDP anti-glare WLED-backlit slim-flat, 220 nits, 45% NTSC (1366 x 768) [11,14]
Available Graphics	Integrated: AMD Radeon™ R3 Graphics; AMD Radeon™ Vega Graphics; AMD Radeon™ R4 Graphics[11] (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	Dual speakers
Wireless technologies	Realtek 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo; Realtek 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo; Realtek 802.11ac (2x2) Wi-Fi® and Bluetooth® 5 Combo [8,9] (MU-MIMO supported)
Expansion slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Ports and Connectors	2 USB 3.1 Gen 1; 1 USB 2.0; 1 HDMI 1.4b; 1 RJ-45; 1 headphone/microphone combo; 1 AC power (Cables are not included.)
Input devices	Full-size island-style keyboard; Touchpad with multi-touch gesture support
Communications	Integrated 10/100/1000 GbE NIC [10]
Camera	HP TrueVision HD Camera; VGA webcam [11,12,13]
Security management	TPM 2.0; Security lock slot[16,17]
Power	HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter[19,20]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion [19]
Battery life	Up to 10 hours and 30 minutes[18]
Dimensions	33.5 x 23.4 x 1.99 cm
Weight	Starting at 1.52 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered[22]
Warranty	HP Services offer 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. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. 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.

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Accessories and services (not included)

HP Essential Backpack

The HP Essential Backpack is a great notebook carrying solution for both students and business professionals.
Product number: H1D24AA

HP 65W Smart AC Adapter

Feed your notebook with controlled servings of electricity. HP's new 65W Smart AC Adapter regulates power and offsets electrical spikes, is designed to reduce cable stress, and includes a special dongle to support current and prior HP models – perfect for replacing your notebook's power adapter or as a needed back-up.
Product number: H6Y89AA

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

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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, 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] 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.
[3] Sold separately or as an optional feature.
[4] Internet connection required and sold separately.
[5] Based HP internal testing of SSDs vs. HDDs.
[6] Wireless access point and internet access required. 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 laptop to communicate with other 802.11ac WLAN devices.

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] 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] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[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] Sold separately or as an optional feature.
[13] Internet access required.
[14] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[15] HP Support Assistant requires Windows and Internet access.
[16] 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). 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).
[17] Lock sold separately.
[18] 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.
[19] Recharges the battery up to 90% within 90 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 90% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
[20] Availability may vary by country.
[21] 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.
[22] 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.
[23] AMD Ryzen™ 5 2500U, AMD Ryzen™ 3 2200U and AMD Ryzen™ 3 2300U processors only available until July 31st, 2020.
[24] AMD Max Boost frequency performance varies depending on hardware, software and overall system configuration.

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