

HP EliteDesk 805 G8 Desktop Mini PC (2V7P9EA)



Big power in a small package

The HP EliteDesk 805 Desktop Mini empowers your workday with the performance needed for demanding workloads. Equipped with a powerful AMD Ryzen™ processor[2], powerful graphics, and smart deployment options, this PC is perfect in small workspaces or in a home office.



Small size and space saving

Save desk space and focus on work with creative deployment options and HP Extended Range Wireless LAN.

Commanding AMD processor

Get the power you need and the results you demand from with an AMD Ryzen™ processor[2] and stunning graphics.

Work with peace of mind

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.[7]

Featuring

Windows 10 Pro

Work anywhere without compromising on performance or security with Windows 10 Pro. FREE upgrade to Windows 11 when available. [1]

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6. [3]

HP Sure Sense

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.

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click. [4]

Speed up the basics of IT management

The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager. [5]

Specifications

Form factor	Mini
Operating system	Windows 10 Pro ^[1] (Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)
Processor family	AMD Ryzen™ 5 PRO processor
Processor	AMD Ryzen™ 5 PRO 5650G (3.9 GHz base clock, up to 4.4 GHz max boost clock, 19 MB L3 cache, 6 cores) ^[6,7]
Chipset	AMD PRO 565
Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Audio	Realtek ALC3867 codec, universal audio jack with CTIA and OMTP headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
Dimensions (W x D x H)	6.96 x 6.88 x 1.33 in
Weight	1.45 kg (Exact weight depends on configuration.)
Weight	3.19 lb (Exact weight depends on configuration.)
Keyboard	HP USB 320K Keyboard
Pointing device	HP 125 Wired Mouse
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate (1 fast charging)
Expansion slots	1 M.2 2230; 2 M.2 2280 (1 M.2 slot for WLAN and 2 M.2 2280 slots for storage.)
Ports	1 external antenna connector; 1 power connector; 1 RJ-45; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4
Package dimensions (W x D x H)	49.7 x 12.8 x 22.3 cm
Package weight	2.95 kg
Network interface type	WLAN
Wireless	Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo
Power	90 W external power adapter ^[31]
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); Ivanti Management Suite; HP Cloud Recovery; HP Image Assistant Gen 4; AMD DASH; HP Manageability Integration Kit ^[20,21,23,37]
Sustainable impact specifications	75% post-consumer recycled plastic; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure, I/O strip and bezel frame
Security management	DriveLock; Hood sensor; Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP Sure Recover Gen3; HP Sure Start Gen6; HP BIOSphere Gen6; HP Client Security Manager Gen7 ^[24,25,26,27,28,29,30]
Software included	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP Privacy Settings; HP Desktop Support Utilities; HP QuickDrop; HP Easy Clean ^[18,19]
UPC number	(AB9) 196337429314; (ABU) 196188532485; (ACB) 196337429321

Top Recommended Displays, Accessories and Services

Wired Combo

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
HP 225 Wired Mouse and Keyboard Combo	286J4AA

Security Cables

HP Desktop Mini LockBox V2	3EJ57AA
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Mounting Brackets

HP B300 Bracket with Power Supply Holder	7DB37AA
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Messaging Footnotes

- [1] Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).
- [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] 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 PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
- [4] HP Sure Click 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.
- [5] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- [7] HP Wolf Security for Business requires Windows 10, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.

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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- [6] 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.
- [7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- [18] Absolute Persistence module: 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 Support Assistant: requires Windows and Internet access.
- [20] Ivanti Management Suite: subscription required.
- [21] HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- [23] AMD® PRO manageability – DASH including KVM Redirection Profile with hardware enforcement (BIOS level only).
- [24] HP BIOSphere Gen6 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 Client Security Manager Gen7 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.
- [26] HP Sure Start for AMD is available on select HP PCs with AMD processors. See product specifications for availability.
- [27] HP Sure Recover Gen3: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- [28] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
- [29] HP Drive Lock is not supported on NVMe drives.
- [30] Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified): 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).
- [31] 150 W external power adapter, up to 89% efficiency, active PFC: when ordered with a discrete graphics card.
- [37] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.

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