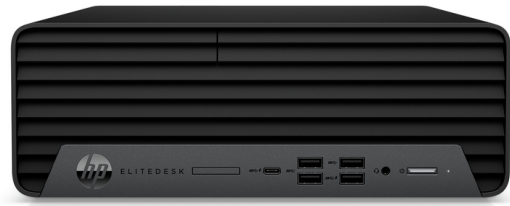# HP EliteDesk 805 G6 Small Form Factor PC

Power for your workforce

Modern office users require smaller form factors that can keep up with serious workloads. The redesigned HP EliteDesk 805 Small Form Factor answers the requirement for robust power and expansion in a highly secure small form factor PC.

*Product image may differ from actual product

HP recommends Windows 11 Pro for business

Power-packed and ready to go

- Take on complex workloads with an 8-core[3] AMD Ryzen™ PRO 4000 series processor[2] using Zen core 7nm technology and memory speed up to 3200 MT/s. An optional NVIDIA® Quadro P400 graphics card[3] lets you multi-task on up to six monitors.[3]

Customize to fit your needs

- The HP EliteDesk 805 SFF has enormous expandability with two bays and two half-height slots. Plus, there are three M.2 slots,11 USB ports and plenty of configurable port options.[3]

Work with peace of mind

- Security features from HP and manageability features from AMD create an always-on, always-acting, resilient defense that is easily managed. Simplify device management with AMD DASH and support for full-featured hardware KVM.

Built for the changing workplace

- The stylishly redesigned HP EliteDesk 805 SFF accommodates today's smaller workspaces with HP Run Quiet Design and options like HP Extended Range Wireless LAN.[4]

- Customize your display connection with a configurable rear I/O port featuring your choice of VGA, DisplayPort™, HDMI or USB-Type C® with DisplayPort™.[3]

- 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.[4]

- HP Sure Admin, a modern BIOS management tool, eliminates the need for a password or BIOS configuration utility in the OS by creating a digital signature that allows IT administrators to securely manage BIOS settings over a network.[5]

- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen6, the self-healing BIOS that automatically recovers itself from attacks or corruption.[6]

- Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run Gen3.[7]

- Help protect your PC from websites and attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.[8]

- HP Sure Recover Gen3 ensures fast, secure, and automated recovery that can be paused or retried over a LAN or Wi-Fi® network connection.[9]

- 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.[10]

HP EliteDesk 805 G6 Small Form Factor PC Specifications Table

*Product image may differ from actual product

Available Operating Systems	Windows 11 Pro[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] Windows 11 Home Single Language – HP recommends Windows 11 Pro for business[1] Windows 10 Pro[1] Windows 10 Home – HP recommends Windows 11 Pro for business[1] Windows 10 Home Single Language – HP recommends Windows 11 Pro for business[1] FreeDOS (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[3]	AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor; AMD Ryzen™ 7 PRO processor
Available Processors[3,35]	AMD Ryzen™ 7 PRO 4750G with Radeon™ Graphics (3.6 GHz base clock, up to 4.4 GHz max boost clock, 8 MB L3 cache, 8 cores); AMD Ryzen™ 5 PRO 4650G with Radeon™ Graphics (3.7 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 6 cores); AMD Ryzen™ 3 PRO 4350G with Radeon™ Graphics (3.8 GHz base clock, up to 4.0 GHz max boost clock, 4 MB L3 cache, 4 cores)
Chipset	AMD PRO 565
Form factor	Small form factor
Maximum memory	128 GB DDR4-3200 SDRAM [4] Transfer rates up to 3200 MT/s.
Memory slots	4 DIMM
Internal storage	500 GB up to 2 TB 7200 rpm SATA[5] up to 2 TB 5400 rpm SATA[5] up to 500 GB SATA SED Opal 2 HDD[5] up to 500 GB 7200 rpm SATA FIPS SED[5] 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD[5] 128 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD[5] 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD[5]
Optical drive	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM [10]
Available Graphics	Integrated: AMD Radeon™ Graphics Discrete: AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ RX 550X Graphics (4 GB GDDR5 dedicated)[9,12]
Audio	Realtek ALC3867 codec, universal audio jack with CTIA headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Expansion slots	1 M.2 2230; 1 PCIe x16; 2 M.2 2280; 1 PCIe x4 (1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage)
Ports and Connectors	Front: 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate (1 fast charging) ; Rear: 1 audio-out; 1 power connector; 1 RJ-45; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB Type-A 480Mbps signaling rate; 2 DisplayPort™ 1.4[36] ; Optional Ports: Add-on card: 1 serial and PS/2 ports combination; 1 5-in-1 SD media card reader; Add-on port: 1 serial; Flex IO port – choose one of the following options: DisplayPort™ 1.4, HDMI 2.0, VGA, 1 serial, 2 SuperSpeed USB Type-A 5Gbps signaling rate, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (15W output, DisplayPort™ 1.2)[6,9]
Input devices	HP Wired Desktop 320K Keyboard; HP PS/2 Business Slim Keyboard; HP Wireless Business Slim Keyboard and mouse combo; HP USB Business Slim SmartCard CCID Keyboard[17,22]; HP USB Fingerprint Mouse; HP PS/2 mouse; HP USB optical mouse; HP Wired Desktop 320M mouse[17,22];
Communications	LAN: Realtek RTL8111FP [15]; WLAN: Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo ;
Drive Bays	1 slim ODD; One 3.5" HDD convertible to two 2.5" HDD [40]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH;
Software	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP Privacy Settings; HP Desktop Support Utilities; HP QuickDrop; [18,19]
Available software	HP Smart Support[43]
Security management	Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; HP DriveLock and Automatic DriveLock; HP Client Manager Gen 6; HP Sure Recover Gen3; HP Sure Run Gen3; HP Sure Start Gen6; HP BIOsphere Gen6;[7,24,25,26,27,28,29,30]
Management features	HP BIOS Configuration Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 3; HP Cloud Recovery; HP Image Assistant Gen 4; AMD DASH[20,21,23,37]
Power	180 W internal power supply, up to 90% efficiency, active PFC; 210 W internal power supply, up to 92% efficiency, active PFC[31]
Dimensions	9.5 x 27 x 30.3 cm
Weight	4.89 kg (Exact weight depends on configuration.)
Ecolabels	ENERGY STAR® certified; EPEAT® 2019 registered where applicable[32]
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 40% post-consumer recycled plastic; Recycled plastic cushions; Low Halogen; 80 Plus® Platinum power supplies available[33,34,38,39,41,42]
Warranty	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

HP EliteDesk 805 G6 Small Form Factor PC

Accessories and services (not included)

HP 5 year Next Business Day Onsite Hardware Support for Desktops

Receive 5 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: U7899E

HP EliteDesk 805 G6 Small Form Factor PC

Messaging Footnotes

[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] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
[5] HP Sure Admin requires Windows 10 and HP BIOS.
[6] HP Sure Start Gen6 is available on select HP PC.
[7] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
[8] 8. HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
[9] HP Sure Recover Gen3 is available on select HP PCs and requires an open 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. Network based recovery using Wi-Fi is only available on PC's with Intel Wi-Fi Module.
[10] HP Sure Sense requires Windows 10.

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 .
[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] Actual transfer rate will vary and is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible / upgradeable.
[5] For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows) of system disk is reserved for the system recovery software.
[6] Only one option card can be configured at a time.
[7] HP Sure Sense requires Windows 10 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, 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.
[8] 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.
[9] Sold separately or as an optional feature.
[10] HD-DVD disks cannot be played on the DVD-ROM drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.
[11] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.
[12] AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated): not available in all regions.
[15] Standard integrated.
[16] Intel® Wi-Fi 6 AX200 and Bluetooth® 5 Combo: not available in all regions.
[17] HP USB Business Slim Antimicrobial Keyboard and Antimicrobial USB Mouse not available in China.
[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.
[22] HP USB Hardened Mouse, HP PS/2 Mouse, HP USB and PS/2 Washable Mouse: are not available in all regions.
[23] AMD DASH support with KVM (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 Gen5 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 Gen2: See product specifications for availability. Requires an open, wired network connection. 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.
[32] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[33] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[34] Percentage of ocean-bound plastic contained in each component varies by product.
[35] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
[36] One Type A SuperSpeed USB 5Gbps with wake from keyboard.
[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.
[38] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[39] Plastic cushions are made from >90% recycled plastic.
[40] 2.5" HDD requiring adapter supplied from factory only.
[41] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[42] Fiber cushions made from 100% recycled wood fiber and organic materials.
[43] HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit http://www.hp.com/smart-support

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