

HP EliteDesk 805 G6 Small Form Factor PC (28R66UT)



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.



HP recommends Windows 10 Pro for business

Power-packed and ready to go

Take on complex workloads with an AMD Ryzen™ PRO 4000 series processor^[2], expandable memory, and powerful graphics.

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 ports.

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.

Featuring

Let nothing stand in your way

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP. ^[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.

Protect critical security processes

Keep your critical applications and processes running even if malware tries to shut them down with the self-healing protection of HP Sure Run.

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. ^[5]

Specifications

Form factor	Small form factor
Operating system	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business
Processor family	AMD Ryzen™ 7 PRO processor
Processor	AMD Ryzen™ 7 PRO 4750G (3.6 GHz base clock, up to 4.4 GHz max boost clock, 8 MB L3 cache, 8 cores) ^[6,7]
Chipset	AMD PRO 565
Memory	8 GB DDR4-3200 SDRAM (1 x 8 GB)
Memory Slots	4 DIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Internal drive bays	One 3.5" HDD convertible to two 2.5" HDD
External drive bays	1 slim ODD
Optical drive	HP 9.5 mm Slim DVD-Writer
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Audio features	Conexant CX20632 codec, universal audio jack with CTIA and OMTP headset support, audio line out rear ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	9.5 x 27 x 30.3 cm
Minimum dimensions (W x D x H)	3.84 x 10.63 x 11.93 in
Weight	4.89 kg (Exact weight depends on configuration.)
Weight	10.76 lb (Exact weight depends on configuration.)
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP Wired Desktop 320M mouse
Ports	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)
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	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
Ports	1 DisplayPort™
Package dimensions (W x D x H)	39.9 x 23 x 49.9 cm
Package weight	7.32 kg
Power	180 W internal power adapter, up to 92% efficiency, active PFC ^[31]
Energy efficiency	ENERGY STAR® certified
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]
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
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]
Software included	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP Privacy Settings; HP Desktop Support Utilities; HP QuickDrop ^[18,19]
UPC number	(ABA) 195161138317; (ABC) 195161138324

Top Recommended Displays, Accessories and Services

E-Series

HP E24 G4 FHD Monitor	9VF99AA
HP E24d G4 FHD Advanced Docking Monitor	6PA50AA
HP E27q G4 QHD Monitor	9VG82AA

Keyboard and Mouse Kits

HP Wireless Business Slim Keyboard and Mouse	N3R88AA
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Mice

HP USB Fingerprint Mouse	4TS44AA
HP USB 1000dpi Laser Mouse	QY778AA

Keyboards

HP Wireless Premium Keyboard	Z9N41AA
HP USB Slim Business Keyboard	N3R87AA

Graphics Cards

AMD Radeon RX550X 4GB LP DisplayPort Card	5LH79AA
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PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA
HP Master Keyed Cable Lock 10mm	T1A63AA

DDR4 Memory

HP 16GB DDR4-2666 DIMM	3TK83AA
HP 8GB DDR4-2666 DIMM	3TK87AA
HP 4GB DDR4-2666 DIMM	3TK85AA

PC Solid State Drives

HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA
HP TLC 256 GB SATA SSD	P1N68AA

PC SATA Hard Drives

HP 1TB 7200rpm SATA (NCQ/Smart IV) 6Gbp/s Hard Drive	QK555AA
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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] 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>.
- [5] 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.

Technical Specifications Footnotes

- [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 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.
- [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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