

HP EliteDesk 800 G6 Small Form Factor PC (63Y07AW)



All the power, neatly packaged

The redesigned HP EliteDesk 800 Small Form Factor delivers high performance and broad expandability in a compact business-class SFF PC. Featuring powerful components, and strong security, this small PC handles big workloads.



HP recommends Windows 11 Pro for business

Lead with power and performance

High-performance users will enjoy highly responsive performance with a 10th Gen Intel® Core™ processor.^[2]

Expansion that extends your investment

The HP EliteDesk 800 SFF has enormous expandability with five bays and four full-height slots. Plus, there are three additional M.2 slots, and 11 USB ports.

Work with peace of mind

Security features from HP work together to create an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

Featuring

Windows 11

Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

Fast performance, connectivity, and responsiveness

Get the exceptional combination of responsive performance, connectivity and speed with a 10th Gen Intel® Core™ processor that lets you launch, create, and connect fast and reliably.^[2]

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.^[1]

Specifications

Form factor	Small form factor
Operating system	Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade) ^[1,2]
Processor family	10th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-10500 (3.1 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores) ^[6,7]
Processor technology	Intel® Core™ i5 with vPro® Technology
Chipset	Intel® Q470 (vPro®) ^[4]
Memory	16 GB DDR4-2666 MHz RAM (1 x 16 GB)
Memory Slots	4 DIMM
Internal Storage	512 GB PCIe® NVMe™ TLC M.2 SSD
Internal drive bays	One 2.5" HDD; Two 3.5" HDD
External drive bays	1 slim ODD; One 5.25" ODD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Audio	Realtek ALC3867 codec, universal audio jack with CTIA headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	33.8 x 30.8 x 10 cm
Minimum dimensions (W x D x H)	13.3 x 12.13 x 3.94 in
Weight	6.13 kg (Exact weight depends on configuration.)
Weight	13.51 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 (charging); 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate
Expansion slots	1 M.2 2230; 1 PCIe 3.0 x16; 1 PCIe 3.0 x16 (wired as x4); 2 PCIe 3.0 x1; 2 M.2 2230/2242 (1 M.2 slot for WLAN and 2 M.2 2230/2242 slot for storage)
Ports	1 audio-out; 1 power connector; 1 RJ-45; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB Type-A 480Mbps signaling rate; 2 DisplayPort™ 1.4; 1 SuperSpeed USB Type-C® 10Gbps (15W output, DisplayPort™ 1.2)
Ports	1 HDMI 2.0
Package dimensions (W x D x H)	39.9 x 49.9 x 23 cm
Package weight	9 kg
Power	260 W internal power supply, up to 90% efficiency, active PFC ^[34]
Energy star certified	ENERGY STAR® certified
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Image Assistant Gen 5 ^[22,23,24]
Sustainable impact specifications	Low halogen
Security management	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; HP DriveLock and Automatic DriveLock; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP Client Manager Gen 6; HP Sure Recover Gen3; HP Sure Run Gen3; HP Sure Start Gen6; HP BIOSphere Gen6 ^[25,26,27,28,29,30,31,32,33]
Software included	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Privacy Settings; HP Desktop Support Utilities ^[21]

UPC number

(A2K) 196548037834; (A2N) 196548037841; (A2Q) 196548037858; (AB0) 196548037865; (AB1) 196548037872;
(AB2) 196548037889; (AB4) 196548037896; (AB5) 196548037919; (AB6) 196548037902; (AB7) 196548037926;
(AB8) 196548037933; (AB9) 196548037940; (ABA) 196548037957; (ABB) 196548037971; (ABC) 196548037964;
(ABD) 196548037995; (ABE) 196548037988; (ABF) 196548038015; (ABG) 196548038008; (ABH) 196548038022;
(ABJ) 4573595768595; (ABM) 196548038046; (ABN) 196548038039; (ABT) 196548038077; (ABU) 196548038053;
(ABV) 196548038084; (ABY) 196548038060; (ABZ) 196548038091; (AC4) 196548038114; (AC8) 196548038121;
(ACB) 196548038107; (ACF) 4573595768601; (ACH) 196548038138; (ACJ) 196548038145; (ACQ) 196548038176;
(AK4) 196548100170; (AK8) 196548038190; (AKC) 196548038152; (AKD) 196548038183; (AKE) 196548038220;
(AKH) 196548038213; (AKL) 196548038206; (AKQ) 196548038237; (AKS) 196548038268; (AR6) 196548038244;
(ARE) 196548038282; (B10) 196548038251; (B1R) 196548038275; (BCM) 196548038336; (BED) 196548038305;
(UUF) 196548038367; (UUG) 196548038329; (UUQ) 196548038374; (UUW) 196548038381; (UUZ) 196548038350

Top Recommended Displays, Accessories and Services

Keyboards

HP Wireless Premium Keyboard	Z9N41AA
------------------------------	---------

PC Locks

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

PC SATA Hard Drives

HP 1TB 7200rpm SATA (NCQ/Smart IV) 6Gbp/s Hard Drive	QK555AA
--	---------

Messaging Footnotes

[1] 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.

[2] Multicore 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

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>.

[2] This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

[4] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled Q370 chipset or higher and vPro enabled WLAN card are required. Some functionality, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with future "virtual appliances" is yet to be determined.

[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[21] HP Support Assistant: Requires Windows and Internet access.

[22] HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

[23] 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>.

[24] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

[25] HP Sure Sense requires Windows 10 Pro or Enterprise.

[26] 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.

[27] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[28] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation 26PCs with select Intel® or AMD processors.

[29] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[30] HP Client Security Manager Gen6 requires Windows and is available on the select HP Elite and Pro PCs.

[31] HP Sure Start Gen6 is available on select HP PCs with Intel processors.

[32] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

[33] HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[34] Performance PCA requires 350W Power Supply.

© Copyright 2023 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel®, Pentium, the Intel logo, Intel Core, Thunderbolt™, vPro®, Optane™, and Core Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Bluetooth® is a trademark of its proprietor, used by HP Inc. under license. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. Adobe PDF is a trademark of Adobe Systems Incorporated. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. NVIDIA, the NVIDIA logo, Quadro, and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the US. and other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. All other trademarks are the property of their respective owners.

