

HP EliteDesk 800 G6 Tower PC (1D2X2EA)



Take on your most demanding projects

The redesigned HP EliteDesk 800 Tower is the new definition of performance and expandability in a business-class tower PC. Featuring powerful components, enormous expansion, and strong security, this PC handles your biggest enterprise workloads.



HP recommends Windows 11 Pro for business

Lead with power and performance

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

Expansion that extends your investment

The HP EliteDesk 800 TWR 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

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]

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.^[4]

Specifications

Form factor	Tower
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	10th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-10700 (2.9 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores) ^[6,7]
Processor technology	Intel® Core™ i7 with vPro® Technology
Chipset	Intel® Q470 (vPro®) ^[4]
Memory	16 GB DDR4-2933 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)	37 x 30.8 x 16.8 cm
Weight	9.86 kg (Exact weight depends on configuration.)
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP USB wired optical mouse
Ports	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 signaling rate (15W output, DisplayPort™ 1.2)
Package dimensions (W x D x H)	29.9 x 47.8 x 51.7 cm
Package weight	11.34 kg
Network interface	Integrated Intel® I219LM GbE LOM
Network interface type	WLAN
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (supporting gigabit data rate)
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP System Software Manager (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Driver Packs; HP Image Assistant Gen 5 (download) ^[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	(ABT) 195697424830; (ABV) 195697754234; (ACB) 196068316778
Manufacturer 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.

Top Recommended Displays, Accessories and Services

Storage

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

HP Wireless Premium Keyboard	Z9N41AA
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Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
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Messaging Footnotes

[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.

[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>.

[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.

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>.

[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.

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