HP EliteDesk 800 G8 Desktop Mini PC (4D9V9PA)

The HP EliteDesk 800 Desktop Mini delivers the high-performance needed to develop complex presentations, crunch big numbers, and quickly create compelling content. Equipped with a powerful 11th Gen Intel® Processor[2], powerful graphics, and smart deployment options, this is the right PC for big jobs done in small spaces.

HP recommends Windows 10 Pro for business

Simplify your workspace
Focus on what matters with the whisper quiet and ultrasmall HP EliteDesk 800 DM.

Work uninterrupted
Multitask with ease thanks to a powerful 11th Gen Intel® processor[2], powerful graphics, speedy storage.

Protected by HP Wolf Security
HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[8]

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. [4]

Specifications

Form factor	Mini
Operating system	Windows 10 Pro 64
Processor family	11th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-11500T (1.5 GHz base frequency, up to 3.9 GHz Max Turbo Frequency, 12 MB L3 cache, 6 cores)[6,7]
Processor technology	Intel® Core™ i5 with vPro™ Technology
Chipset	Intel® Q570 (vPro®); Intel® Q570 (non-vPro®)[3]
Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Internal drive bays	One 2.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 750
Audio	Realtek ALC3205 codec, internal speaker, combo microphone/headphone jack
Minimum dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
Minimum dimensions (W x D x H)	6.97 x 6.89 x 1.35 in
Weight	1.42 kg *(Exact weight depends on configuration.)*
Weight	3.13 lb *(Exact weight depends on configuration.)*
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP Wired Desktop 320M mouse
Ports	1 headset connector; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 20Gbps signaling rate
Expansion slots	1 M.2 2230; 2 M.2 2280 *(1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage)*
Ports	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
Ports	1 USB 3.1 Gen 2
Package dimensions (W x D x H)	49.8 x 13.2 x 23.5 cm
Package weight	2.95 kg
Network interface type	WLAN
Wireless	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, vPro®
Power	90 W external power adapter, up to 89% efficiency[39]
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	HP BIOS Configuration Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Image Assistant Gen 5 (download); HP Client Management Script Library (download); Ivanti Management Suite (download)[27,28,29]
Sustainable impact specifications	35% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure, I/O strip and bezel frame
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 Sure Start Gen6; HP BIOsphere Gen6; HP Sure Admin; HP Client Security Manager Gen7; HP Sure Recover Gen4; HP Sure Run Gen4; HP Tamper Lock[30,31,32,33,34,35,37,38]
Software included	HP Noise Cancellation Software; HP Support Assistant; HP Connection Optimizer; Buy Office (sold separately); HP JumpStarts; HP Privacy Settings; HP Desktop Support Utilities; MyHP; HP QuickDrop; HP Easy Clean; HP PC Hardware Diagnostics[26]

ProductSheet | HP EliteDesk 800 G8 Desktop Mini PC (4D9V9PA)

Top Recommended Displays, Accessories and Services

Mice

HP Wired Desktop 320M Mouse	9VA80AA
HP USB 1000dpi Laser Mouse	QY778AA

Keyboard and Mouse Kits

HP Wireless Business Slim Keyboard and Mouse	N3R88AA

Keyboards

HP USB Slim Business Keyboard	N3R87AA

PC Locks

HP Master Keyed Cable Lock 10mm	T1A63AA

DDR4 Memory

HP 8GB DDR4-3200 SODIMM	13L77AA
HP 16GB DDR4-3200 SODIMM	13L75AA
HP 32GB DDR4-3200 SODIMM	13L73AA

Mounting Kits

HP Quick Release Bracket 2	6KD15AA

PC Solid State Drives

HP PCIe NVME TLC 256GB SSD M.2 Drive	1CA51AA
HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA

PC I/O Modules

HP Desktop Mini DVD ODD Module	K9Q83AA

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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.

[8] 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

[3] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled Q570 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.

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

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

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

[29] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Windows and 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.

[30] 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.

[31] 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™.

[32] HP Sure Run Gen4 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

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

[34] HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.

[35] HP Sure Start Gen6 is available on select HP PCs.

[37] HP Sure Recover Gen4 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.

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

[39] 150 W external power adapter, up to 89% efficiency, active PFC: when ordered with an AMD Radeon RX 560 with 4GB GDDR discrete graphics card.