

HP EliteDesk 800 G5 Desktop Mini PC (2X1J5US)



The ultra-powerful enterprise-class Mini is now more nimble than ever

Experience performance, security, and manageability tailored for the modern workplace with the compact HP EliteDesk 800 Desktop Mini. It's built to suit your business and budget.



HP recommends Windows 11 Pro for business

Meet the mighty Mini

Tackle demanding challenges with a 9th generation Intel® processor[4] and high-capacity storage.

Build a universe around your Mini

Expand your experience with optional HP Mini accessories[7] that simplify mounting[11] and securing your device. Save space by attaching your Mini behind an HP EliteDisplay.[9] Streamline cabling with USB-C® and optional HP Power Supply Holder.[7]

Enhanced data and device security

Get a highly secure PC reinforced by the full HP security suite. Store and lock your Mini and power cord in the optional HP Lock Box.[7]

Specifications

Form factor	Mini
Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-9500T (2.2 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB L3 cache, 6 cores) ^[6,7]
Chipset	Intel® Q370 (vPro); Intel® Q370 (non-vPro) ^[41]
Memory	8 GB DDR4-2666 SDRAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Internal drive bays	One 2.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
Minimum dimensions (W x D x H)	6.96 x 6.88 x 1.33 in
Weight	0.96 kg (Exact weight depends on configuration.)
Weight	2.13 lb (Exact weight depends on configuration.)
Keyboard	HP USB Slim Business Keyboard
Pointing device	HP USB wired optical mouse
Ports	1 external antenna connector; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 2 SuperSpeed USB 10Gbps signaling rate; 2 SuperSpeed USB 5Gbps signaling rate
Expansion slots	1 M.2 2230; 2 M.2 2230/2280 (1 M.2 slot for WLAN and 2 M.2 2230/2280 slot for storage.)
Ports	1 headphone; 1 headset connector; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB 10Gbps signaling rate; 1 SuperSpeed USB 5Gbps signaling rate (charging)
Package dimensions (W x D x H)	49.7 x 12.8 x 22.3 cm
Package weight	2.95 kg
Network interface type	WLAN
Power	65 W external power adapter, up to 89% efficiency ^[16]
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 3; HP System Software Manager (download) ^[10,23,42]
Sustainable impact specifications	Low halogen
Security management	Cover removal sensor; HP BIOSphere Gen5; HP Client Security Suite Gen 5; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Recover Gen2; HP Sure Run Gen2; HP Sure Sense; HP Sure Start Gen5; Intel® Identity Protection Technology (Intel® IPT); Power-on password (via BIOS); RAID configurations; SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; TPM 2.0 (Firmware: 7.85) endpoint security controller (Infineon SLB9670) shipped with Windows 10. Common Criteria EAL4+ Certified. FIPS 140-2 Level 2 Certified; USB enable/disable and boot control (via BIOS) ^[11,19,21,22,25,26,28,29,30,31]
UPC number	195161989834

Top Recommended Displays, Accessories and Services

EliteDisplays

HP EliteDisplay E243 23.8-inch Monitor	1FH47AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
HP EliteDisplay E273q 27-inch Monitor	1FH52A8

Mice

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

Keyboards

HP Wireless Premium Keyboard	Z9N41AA
HP USB Business Slim Keyboard	N3R87AA

PC Locks

HP Master Keyed Cable Lock 10mm	T1A63AA
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DDR4 Memory

HP 8GB DDR4-2666 SODIMM	3TK88AA
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Mounting Kits

HP Quick Release Bracket 2	6KD15AA
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PCI/O Modules

HP Desktop Mini DVD ODD Module	K9Q83AA
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Messaging Footnotes

[4] 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] Sold separately or as a configurable option.

[9] Display sold separately. See display data sheet on hp.com for mounting bracket guidance.

[11] Mounting hardware sold separately.

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. Intel's numbering 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.

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

[11] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[16] 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.

[19] 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™.

[21] HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired 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. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.

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

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

[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 Automatic Drive Lock is not supported on NVMe drives.

[28] HP Sure Start Gen5 is available on select HP PCs with Intel® processors. See product specifications for availability.

[29] Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT), used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module.

[30] RAID configuration: Is optional and does require a second hard drive.

[31] HP Sure Run Gen2: See product specifications for availability.

[41] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN card and discrete TPM 2.0 are required. See <http://intel.com/vpro>

[42] 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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