

# HP EliteDesk 800 G6 Desktop Mini PC (20J45UT)



## Power and performance without compromise in an ultra-small package

Get to work fast with the compact, high-performance HP EliteDesk 800 Desktop Mini. It's designed for the open office with improved acoustics to help you focus, HP Extended Range Wireless LAN[3] that quickly cuts through network clutter, and scalable features for your specific deployment.



HP recommends Windows 10 Pro for business

### **Evolving with the modern workplace**

Reclaim your desk with a PC you can install behind your HP monitor.[6] Connect fast in busy spaces with HP Extended Range Wireless LAN.[3] Enjoy whisper quiet operation with HP Run Quiet Design.

### **Lead with power and performance**

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

### **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. [4]

### **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

<b>Form factor</b>	Mini
<b>Operating system</b>	Windows 10 Pro 64
<b>Processor family</b>	10th Generation Intel® Core™ i7 processor
<b>Processor</b>	Intel® Core™ i7-10700T (2.0 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores) <sup>[6,7]</sup>
<b>Chipset</b>	Intel® Q470 (vPro™); Intel® Q470 (non-vPro™) <sup>[3]</sup>
<b>Memory</b>	16 GB DDR4-2933 SDRAM (1 x 16 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	512 GB PCIe® NVMe™ TLC SSD
<b>Internal drive bays</b>	One 2.5" HDD
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 630
<b>Minimum dimensions (W x D x H)</b>	17.7 x 17.5 x 3.4 cm
<b>Minimum dimensions (W x D x H)</b>	6.97 x 6.89 x 1.35 in
<b>Weight</b>	1.42 kg (Exact weight depends on configuration.)
<b>Weight</b>	3.13 lb (Exact weight depends on configuration.)
<b>Keyboard</b>	HP Wired Desktop 320K Keyboard
<b>Pointing device</b>	HP Wired Desktop 320M mouse
<b>Ports</b>	1 power connector; 1 RJ-45; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate
<b>Expansion slots</b>	1 M.2 2230; 2 M.2 2242/2280 (1 M.2 slot for WLAN and 2 M.2 2242/2280 slot for storage.)
<b>Ports</b>	1 headset connector; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate
<b>Ports</b>	1 USB Type-C®
<b>Package dimensions (W x D x H)</b>	49.8 x 13.2 x 23.5 cm
<b>Package weight</b>	2.95 kg
<b>Network interface type</b>	WLAN
<b>Wireless</b>	Intel® Wi-Fi 6 AX201 (2x2) Wi-Fi® and Bluetooth® M.2 combo card, vPro™
<b>Power</b>	65 W external power adapter <sup>[39]</sup>
<b>Management features</b>	HP BIOS Config 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 <sup>[27,28,29]</sup>
<b>Sustainable impact specifications</b>	Low halogen
<b>Security management</b>	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 Recover Gen3; HP Sure Run Gen3; HP Sure Start Gen6; HP BIOSphere Gen6; HP Client Security Manager Gen6 <sup>[30,31,32,33,34,35,36,37,38]</sup>
<b>Software included</b>	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Wake on WLAN; HP Desktop Support Utilities <sup>[26]</sup>
<b>UPC number</b>	(ABA) 195122667122; (ABC) 195122667139

## Top Recommended Displays, Accessories and Services

### EliteDisplays

HP EliteDisplay E243 23.8-inch Monitor	1FH47A8
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 E243p 23.8-inch Sure View Monitor	5FT13A8
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13AA

### 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 USB Slim Business Keyboard	N3R87AA
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### PC Locks

HP Desktop Mini LockBox V2	3EJ57AA
HP Master Keyed Cable Lock 10mm	T1A63AA

### Mounting Kits

HP Quick Release Bracket 2	6KD15AA
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### Brackets/Bezels/Panels

HP B300 Bracket with Power Supply Holder	7DB37AA
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### PCI/O Modules

HP Desktop Mini I/O Module	K9Q84AA
HP Desktop Mini DVD ODD Module	K9Q83AA

## 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] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.

[4] 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.

[6] HP monitor sold separately.

## Technical Specifications Footnotes

[3] 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.

[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 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 Gen3 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](https://bit.ly/2PrLT6A_SureClick) for complete details.

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

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

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

[37] 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.

[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.

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