



# HP EliteDesk 800 G5 Small Form Factor PC (7PF06ET)

## Overview

### Security, manageability, and performance in a modern compact design



Powered for the enterprise, the high-performance HP EliteDesk 800 SFF features superb expandability and strong security required by today's high-productivity workforce in a stylish space-saving chassis designed for the modern workplace.

### Lead with power and performance

High-performance users will enjoy highly responsive performance with 9th Gen Intel® Core™ processors.[4]

### Strong security, powerful manageability

Get powerful protection and simplified management from secure and manageable PCs. HP Sure Start Gen5[2] protects against BIOS attacks while the HP Manageability Integration Kit[7] allows you to easily manage devices.

### Expansion that extends your investment

The HP EliteDesk 800 SFF has enormous expandability with four bays and four half-height slots. Plus, there are three additional M.2 slots and 11 USB ports all in a compact form factor.

# Features

## Let nothing stand in your way

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP.<sup>[3]</sup>

## 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.<sup>[5]</sup>

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

*[4] 95W processor is an optional feature. 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] HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.*

*[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>.*

*[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.*

## Specifications

<b>Form factor</b>	Small form factor
<b>Operating system</b>	Windows 10 Pro 64
<b>Processor family</b>	9th Generation Intel® Core™ i7 processor (i7-9700)
<b>Processor</b>	Intel® Core™ i7-9700 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB cache, 8 cores) [6,7]
<b>Chipset</b>	Intel® Q370 (vPro); Intel® Q370 (non-vPro) <sup>[37]</sup>
<b>Memory</b>	16 GB DDR4-2666 SDRAM (1 X 16 GB)
<b>Memory Slots</b>	4 DIMM
<b>Internal Storage</b>	512 GB PCIe® NVMe™ SSD
<b>Internal drive bays</b>	One 2.5" HDD; Two 3.5" HDD
<b>External drive bays</b>	1 slim ODD
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 630
<b>Minimum dimensions (W x D x H)</b>	10 x 33.8 x 30.8 cm
<b>Minimum dimensions (W x D x H)</b>	3.94 x 13.3 x 12.13 in
<b>Weight</b>	6.13 kg <i>(Exact weight depends on configuration.)</i>
<b>Weight</b>	13.51 lb <i>(Exact weight depends on configuration.)</i>
<b>Keyboard</b>	HP USB Business Slim Keyboard
<b>Pointing device</b>	HP USB Wired Optical Mouse
<b>Ports</b>	1 headphone; 1 headset connector; 1 USB 2.0; 1 USB 2.0 (fast charging); 1 USB Type-C™ (charging); 2 USB 3.1 Gen 2
<b>Expansion slots</b>	1 M.2 2230; 2 M.2 2230/2280; 1 PCIe 3.0 x16; 1 PCIe 3.0 x16 (wired as x4); 2 PCIe 3.0 x1 <i>(1 PCIe M.2 2230 slot for WLAN and 2 PCIe M.2 2230/2280 slot for storage.)</i>
<b>Ports</b>	1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 2 USB 2.0; 2 DisplayPort™ 1.2; 2 USB 3.1 Gen 1; 2 USB 3.1 Gen 2
<b>Ports</b>	1 DisplayPort™ 1.2; 1 HDMI 2.0; 1 serial; 1 serial and PS/2 ports combination; 1 Thunderbolt™ 3.0; 1 USB 3.1 Type-C™ Gen 1 (DisplayPort™); 1 VGA
<b>Package dimensions (W x D x H)</b>	39.9 x 49.9 x 23 cm
<b>Package weight</b>	9 kg
<b>Energy efficiency</b>	ENERGY STAR® certified

**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)<sup>[10,25,38]</sup>

**Environmental**

Low halogen

**Security management**

DriveLock; HP BIOSphere Gen5; HP Client Security Suite Gen 5; HP Password Manager; HP Power On Authentication; HP Sure Click; HP Sure Recover; HP Sure Run; HP Sure Sense; HP Sure Start Gen5; Intel® Identity Protection Technology (Intel® IPT); Parallel enable/disable (via BIOS); Power-on password (via BIOS); RAID configurations; Removable media write/boot control; SATA port disablement (via BIOS); Serial enable/disable (via BIOS); Setup password (via BIOS); Solenoid lock and hood sensor; 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 (via BIOS)<sup>[9,11,23,27,28,30,32,33,34]</sup>

## Additional specifications

<b>Additional storage</b>	5-in-1 SD card reader
<b>Graphic card footnote number</b>	[20,21]
<b>I/O Port location</b>	Optional
<b>I/O Port location</b>	Rear
<b>I/O Port location</b>	Front
<b>Legal tagline</b>	HP recommends Windows 10 Pro.
<b>MDA key selling point</b>	Windows 10 Pro or other operating systems available
<b>Memory and storage</b>	16 GB memory; 512 GB SSD storage
<b>Operating humidity range</b>	10 to 90% RH
<b>Operating temperature range</b>	10 to 35°C
<b>Operating temperature range</b>	50 to 95°F
<b>Package dimensions (W x D x H)</b>	15.71 x 19.65 x 9.06 in
<b>Package weight</b>	19.84 lb
<b>Processor speed</b>	3.06 GHz
<b>Product brand name</b>	HP
<b>Quickspec</b>	<a href="http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c06320288">http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c06320288</a>
<b>Standard memory note</b>	Transfer rates up to 2666 MT/s.
<b>Storage acceleration</b>	16 GB NVMe™ Intel® Optane™ Memory for storage acceleration <sup>[35]</sup>
<b>Storage type</b>	SSD
<b>UNSPSC code</b>	43211507

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[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.

[9] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, 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.

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

[11] HP BIOSphere Gen5: Requires Intel® 8th or 9th Gen processors. Features may vary depending on the platform and configurations.

[23] HP Drive Lock is not supported on NVMe drives.

[25] HP Manageability Integration Kit: Can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>

[27] HP Client Security Suite Gen 4: Requires Windows and Intel® or AMD 8th generation processors.

[28] HP Password Manager: Requires Internet Explorer or Chrome or FireFox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.

[30] HP Sure Start Gen5: Is available on HP Elite equipped with 8th and 9th generation Intel® processors.

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

[33] HP Sure Run: Is available on HP Elite products equipped with 8th generation Intel® or AMD processors.

[34] 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.

[35] Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.

[37] 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>

[38] 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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## Accessories

### Cables/Cable Kits/Cable Adapters

#### PC Cable Options

HP HDMI Standard Cable	T6F94AT
HP HDMI Standard Cable	T6F94AA

#### Audio and Video Cables

HP DisplayPort To VGA Adapter	AS615AT
HP DisplayPort To VGA Adapter	AS615AA
HP DisplayPort to DVI-D Adapter	FH973AT
HP DisplayPort Cable Kit	VN567AA
HP DisplayPort to DVI-D Adapter	FH973AA

#### Cable Adapters

HP USB-C to VGA Adapter	N9K76AA
HP USB-C to DP Adapter	N9K78AA

### Expansion Solution and Controller Cards

#### Port Adapters

HP Type-C USB 3.1 Gen2 Port Flex IO	3TK78AT
HP VGA Port Flex IO	3TK80AA
HP VGA Port Flex IO	3TK80AT
HP DisplayPort Port Flex IO	3TK72AT
HP DisplayPort Port Flex IO	3TK72AA
HP HDMI Port Flex IO (400/600/800)	3TK74AA
HP Type-C USB 3.1 Gen2 Port Flex IO	3TK78AA

### Keyboards/Mice/Monitors and Input Devices

#### Mice

HP PS/2 Mouse	QY775AT
HP USB Optical Scroll Mouse	QY777AT
HP USB Grey v2 Mouse	Z9H74AA
HP PS/2 Mouse	QY775AA

HP USB 1000dpi Laser (Bulk Pack 100) Mouse	QY778A6
HP USB 1000dpi Laser Mouse	QY778AT
HP USB Premium Mouse	1JR32AA
HP USB Optical Scroll Mouse	QY777AA
HP USB 1000dpi Laser Mouse	QY778AA
HP USB Optical Scroll (Bulk Pack 100) Mouse	QY777A6

## Keyboards

HP PS/2 Slim Business Keyboard	N3R86AT
HP PS/2 (Bu7lk) Slim Business Keyboard	N3R86A6
HP Wireless Premium Keyboard	Z9N41AA
HP Business Slim Smartcard Keyboard	Z9H48AA
HP USB Premium Keyboard	Z9N40AA
HP USB Slim Business Keyboard	N3R87AA
HP PS/2 Slim Business Keyboard	N3R86AA
HP Wireless Collaboration Keyboard	Z9N39AA
HP USB (Grey) Business Slim Keyboard	Z9H49AA
HP USB Collaboration Keyboard	Z9N38AA
HP USB Slim Business Keyboard	N3R87AT
HP (Bulk) USB Slim Business Keyboard	N3R87A6

## Keyboard and Mouse Kits

HP USB Business Slim Antimicrobial Keyboard and Mouse	Z9H50AA
HP USB Bus Slim Bulk Keyboard/Mouse/Mousepad Bulk Kit	T4E63A6
HP USB Bus Slim Keyboard/Mouse/Mousepad Kit	T4E63AT
HP Wireless Slim Business Keyboard	N3R88AT
HP USB Bus Slim Keyboard/Mouse/Mousepad Kit	T4E63AA
HP (Bulk) Wireless Business Slim Keyboard and Mouse	N3R88A6
HP Wireless Slim Business Keyboard	N3R88AA
HP USB Keyboard and Mouse Healthcare Edition	1VD81AA

## Memory

### DDR4 Memory

HP 16GB DDR4-2666 DIMM	3TK83AT
HP 4GB DDR4-2666 DIMM	3TK85AA
HP 16GB DDR4-2666 DIMM	3TK83AA



HP 8GB DDR4-2666 DIMM	3TK87AA
HP 4GB DDR4-2666 DIMM	3TK85AT
HP 8GB DDR4-2666 DIMM	3TK87AT

## Cache Memory

Intel Optane Memory H10 32GB+512GB	6VF55AA
Intel Optane Memory H10 32GB+512GB	6VF55AT

## PC Accelerators

### PC IO Accelerators

HP Thunderbolt 3.0 PCIe Card	4CX35AA
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## PC Drives and Storage

### PC Solid State Drives

HP PCIe NVME TLC 256GB SSD M.2 Drive	1CA51AA
HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA
HP TLC 256 GB SATA SSD	P1N68AT
HP TLC 256 GB SATA SSD	P1N68AA
Intel Optane 280GB PCIe x4 Card Solid State Drive	4RV33AA

### PC SATA Hard Drives

HP 1TB 7200rpm SATA (NCQ/Smart IV) 6Gbp/s Hard Drive	QK555AT
HP 1TB 7200rpm SATA (NCQ/Smart IV) 6Gbp/s Hard Drive	QK555AA
HP 500GB 7200rpm SATA (NCQ/Smart IV) 6.0 Gbp/s Hard Drive	QK554AT
HP 500GB 7200rpm SATA (NCQ/Smart IV) 6.0 Gbp/s Hard Drive	QK554AA
HP 1TB SATA 6Gb/s 7200 (25 Bulk Pack) Hard Drive	QK555A6
HP 500GB 7200rpm SATA (NCQ/Smart IV) 6.0 Gbp/s (Bulk 25) Hard Drive	QK554A6

## Graphics Cards

### Graphics Cards

AMD Radeon RX550X 4GB LP DisplayPort Card	5LH79AT
AMD Radeon RX550X 4GB LP DisplayPort Card	5LH79AA
NVIDIA GT 730 2GB DP Card	Z9H51AA
AMD Radeon R7 430 2GB 2 DisplayPort Card	5JW81AA
AMD Radeon R7 430 2GB DisplayPort VGA Card	5JW82AA

# PC Controller/Controller Options

## PC Processor Cards

Intel Ethernet I210-T1 GbE NIC

E0X95AA

## Network Adapters

### Wireless LAN

Intel Wi-Fi 6 AX200 PCIe x1 Card

6VF53AT

Intel Wi-Fi 6 AX200 PCIe x1 Card

6VF53AA

Realtek 8822BE 802.11ac PCIe x1 Card

3TK90AA

## Audio/Multimedia and Communication Devices

### Speakers

HP USB Business Speakers v2

N3R89AT

HP USB Business Speakers v2

N3R89AA

### Headsets

HP Business Headset v2

T4E61AA

HP Business Headset v2

T4E61AT

## Security and Protection

### PC Locks

HP Business PC Security Lock v3 Kit

3XJ17AA

HP Business PC Security Lock v3 Kit

3XJ17AT

## Software

### Application Software

#### Desktop Application Software

Microsoft Office 365 Business Premium	6MW80AA
Microsoft Office 365 Personal 6MW79AA	6MW79AA
Microsoft Office 365 Home 6MW78AA	6MW78AA
Microsoft Office Home and Student 2019 for PC	6MW81AA
MS Office Home and Business 2019 for PC 6MW82AA	6MW82AA

## Monitors

### Business Monitors

#### Value Displays

HP V14 14-inch Portable Monitor	3TN62A8
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#### EliteDisplays

HP EliteDisplay E243 23.8-inch Monitor	1FH47A8
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT
HP EliteDisplay E243 23.8-inch Monitor	1FH47AA
HP EliteDisplay E273q 27-inch Monitor	1FH52A7
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8
HP EliteDisplay E273q 27-inch Monitor	1FH52A8
HP EliteDisplay E243 23.8-inch Monitor	1FH47AT
HP EliteDisplay E243 23.8-inch Monitor	1FH47A7
HP EliteDisplay E273q 27-inch Monitor	1FH52AT
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
HP EliteDisplay E273q 27-inch Monitor	1FH52AA
HP EliteDisplay E243 23.8-inch Monitor	1FH47AS
HP EliteDisplay E273q 27-inch Monitor	1FH52AS

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