



HP EliteDesk 800 G4 Intel® Core™ i5 i5-8500 16 GB DDR4-SDRAM 1 TB HDD AMD Radeon RX 580 Windows 10 Pro Tower PC Black, Silver

Brand : HP

Product family: EliteDesk

Product code: 16Q65UW

Product name : 800 G4

- Windows 10 Pro 64-bit
- Intel Core i7-8700 (12MB Cache, 3.2GHz)
- 16GB (2666MHz) DDR4-SDRAM (2 x 8) & 512GB SSD
Intel Core i7-8700 (12MB Cache, 3.2GHz), 16GB DDR4-SDRAM, 512GB SSD, DVD±RW, Intel UHD Graphics 630, LAN, Windows 10 Pro 64-bit

HP EliteDesk 800 G4 Intel® Core™ i5 i5-8500 16 GB DDR4-SDRAM 1 TB HDD AMD Radeon RX 580 Windows 10 Pro Tower PC Black, Silver:

Raise the bar for performance, security, and manageability.

Powered for the enterprise, the high-performance HP EliteDesk 800 TWR is one of our most secure and manageable PCs featuring superb expandability required by today's high-productivity workforce in a stylish chassis designed for the modern workplace.



Processor		Design	
Processor manufacturer *	Intel	Chassis type *	Tower
Processor family *	Intel® Core™ i5	Product colour *	Black, Silver
Processor generation	8th gen Intel® Core™ i5	Country of origin	China
Processor model *	i5-8500	Performance	
Processor cores	6	Market positioning	Business
Processor threads	6	Motherboard chipset	Intel Q370
Processor boost frequency	4.1 GHz	Audio chip	Conexant CX20632
Processor frequency *	3 GHz	Password protection	✓
Processor socket	LGA 1151 (Socket H4)	Product type *	PC
Processor cache	9 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
System bus rate	8 GT/s	Operating system installed *	Windows 10 Pro
Bus type	DMI3	Processor special features	
Processor lithography	14 nm	Intel 64	✓
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor codename	Coffee Lake	Embedded options available	✓
Thermal Design Power (TDP)	65 W	Intel® InTru™ 3D Technology	✓
Tjunction	100 °C	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0	Intel Clear Video Technology	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8		
Number of processors installed	1		
Maximum internal memory supported by processor	64 GB		

Processor		Processor special features	
Memory types supported by processor	DDR4-SDRAM	Intel TSX-NI	✓
Memory clock speeds supported by processor	2666 MHz	Idle States	✓
Memory bandwidth supported by processor (max)	41.6 GB/s	Thermal Monitoring Technologies	✓
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	16 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum internal memory *	128 GB	Intel® Secure Key	✓
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory slots	4x DIMM	Intel Trusted Execution Technology	✓
Memory clock speed	2666 MHz	Execute Disable Bit	✓
Storage		Intel Enhanced Halt State	✓
Total storage capacity *	1 TB	Intel Software Guard Extensions (Intel SGX)	✓
Storage media *	HDD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Optical drive type *	DVD-RW	Processor package size	37.5 x 37.5 mm
Total HDDs capacity	1 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of HDDs installed	1	Scalability	1S
HDD capacity	1 TB	CPU configuration (max)	1
Graphics		Thermal solution specification	PCG 2015C
Discrete graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
Discrete graphics card model *	AMD Radeon RX 580	Intel Stable Image Platform Program (SIPP) version	1.00
Discrete graphics card memory	8 GB	Intel Secure Key Technology version	1.00
Discrete graphics memory type	GDDR5	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® UHD Graphics 630	Intel TSX-NI version	1.00
On-board graphics card base frequency	350 MHz	Processor ARK ID	129939
On-board graphics card dynamic frequency (max)	1100 MHz	Intel® Turbo Boost Technology	2.0
Maximum on-board graphics card memory	64 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Number of displays supported (on-board graphics)	3	Intel® Quick Sync Video Technology	✓
On-board graphics card DirectX version	12.0	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card OpenGL version	4.5	Conflict-Free processor	✓
On-board graphics card ID	0x3E92	Brand-specific features	
Network		HP segment	Business
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width *	154 mm
Cabling technology	10/100/1000Base-T(X)	Depth *	370 mm
Ports & interfaces		Height *	365 mm
USB 2.0 ports quantity *	4	Weight *	9.86 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Package width	299 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4	Package depth	478 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package height	517 mm
DVI port	✗	Package weight	11.3 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
Microphone in	✗	Mouse included	✓
Headphone outputs	1	Keyboard included	✓
Line-out	✓	Display	
Line-in	✓	Display included *	✗
Combo headphone/mic port	✓		

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