HP

HP EliteDesk 800 G3 i7-6700 SFF Intel® Core™ i7 8 GB DDR4-SDRAM 500 GB HDD Windows 10 Pro PC Black, Silver

Brand : HP   **Product family:** EliteDesk   **Product code:** 5EJ47UP

Product name : 800 G3

- Windows 10 Pro 64-bit
- Intel Core i7-6700 (8MB Cache, 3.4GHz)
- 8GB (2400MHz) DDR4-SDRAM (1 x 8) & 500GB HDD
Intel Core i7-6700 (8MB Cache, 3.4GHz), 8GB DDR4-SDRAM, 500GB HDD, Intel HD Graphics 530, LAN, Windows 10 Pro 64-bit

HP EliteDesk 800 G3 i7-6700 SFF Intel® Core™ i7 8 GB DDR4-SDRAM 500 GB HDD Windows 10 Pro PC Black, Silver:

Powered for the enterprise, the HP EliteDesk 800 SFF is one of HP's most secure and manageable PCs featuring advanced performance, and configurability in a space saving, stylishly redesigned chassis for the modern workplace.
HP EliteDesk 800 G3. Processor frequency: 3.4 GHz, Processor family: Intel® Core™ i7, Processor model: i7-6700. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC. Product colour: Black, Silver

Processor

Processor manufacturer *	Intel
Processor generation	6th gen Intel® Core™ i7
Processor model *	i7-6700
Processor family *	Intel® Core™ i7
Processor cores	4
Processor boost frequency	4 GHz
Processor frequency *	3.4 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	8 MB
Processor cache type	Smart Cache
Processor threads	8
System bus rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-6700 Desktop series
Processor codename	Skylake
Thermal Design Power (TDP)	65 W
Tcase	71 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	2x8, 1x8+2x4, 1x16
Number of processors installed	1
Stepping	R0
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz
Memory bandwidth supported by processor (max)	34.1 GB/s
Memory voltage supported by processor	1.35 V

Design

Chassis type *	SFF
Number of 3.5" bays	2
Number of 2.5" bays	1
Product colour *	Black, Silver
Country of origin	China

Performance

Motherboard chipset	Intel® Q270
Product type *	PC

Software

Operating system installed *	Windows 10 Pro
Operating system architecture	64-bit
Drivers included	✓

Processor special features

Intel® Small Business Advantage (Intel® SBA)	✓
Intel® Wireless Display (Intel® WiDi)	✓
Intel 64	✓
Enhanced Intel SpeedStep Technology	✓
Embedded options available	✓
Intel® InTru™ 3D Technology	✓
Intel® Insider™	✓
Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Intel Clear Video Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel TSX-NI	✓
Idle States	✓
Thermal Monitoring Technologies	✓
Intel Stable Image Platform Program (SIPP)	✓
Intel® AES New Instructions (Intel® AES-NI)	✓

Memory

Internal memory *	8 GB
Maximum internal memory *	64 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	1 x 8 GB
Memory slots	4x DIMM
Memory clock speed	2400 MHz

Storage

Card reader integrated	✖
Total storage capacity *	500 GB
Storage media *	HDD
Optical drive type *	✖
Total HDDs capacity	500 GB
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD speed	7200 RPM

Graphics

Discrete graphics card *	✖
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board graphics card model *	Intel® HD Graphics 530
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1150 MHz
Maximum on-board graphics card memory	1.74 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1912

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✖

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
DVI port	✖
DisplayPorts quantity	2
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1

Expansion slots

PCI Express x1 slots	2
PCI Express x16 slots	2

Processor special features

Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
Intel Enhanced Halt State	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	SSE4.1, AVX 2.0, SSE4.2
Processor code	SR2BT
Scalability	1S
CPU configuration (max)	1
Graphics & IMC lithography	14 nm
Thermal solution specification	PCG 2015C
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Processor ARK ID	88196
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Quick Sync Video Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Conflict-Free processor	✔

Brand-specific features

HP segment	Business

Power

Power supply *	180 W

Weight & dimensions

Width *	388 mm
Depth *	100 mm
Height *	308 mm
Weight *	5.31 kg

Packaging content

Display included *	✖
Mouse included	✔
Keyboard included	✔