



HP EliteDesk 800 G2 Intel® Core™ i5 i5-6500T 8 GB DDR4-SDRAM 628 GB HDD+SSD Windows 10 Pro Mini PC 0000 PC 0000



Brand : HP

Product family: EliteDesk

Product code: 1KA40ES

Product name : 800 G2

Processor		Ports & interfaces	
Processor manufacturer *	Intel	Line-out	✓
Processor family *	Intel® Core™ i5	Line-in	✓
Processor generation	6th gen Intel® Core™ i5	Combo headphone/mic port	✓
Processor model *	i5-6500T	Design	
Processor cores	4	Chassis type *	Mini PC
Processor threads	4	Number of 2.5" bays	1
Processor boost frequency	3.1 GHz	Product colour *	Black
Processor frequency *	2.5 GHz	Country of origin	China
Processor socket	LGA 1151 (Socket H4)	Performance	
Processor cache	6 MB	Motherboard chipset	Intel® Q170
Processor cache type	Smart Cache	Audio chip	Realtek ALC221
System bus rate	8 GT/s	Audio system	DTS Studio Sound
Bus type	DMI3	Product type *	Mini PC
Processor lithography	14 nm	Software	
Processor operating modes	64-bit	Operating system installed *	Windows 10 Pro
Processor series	Intel Core i5-6500 Desktop series	Operating system architecture	64-bit
Processor codename	Skylake	Processor special features	
Thermal Design Power (TDP)	35 W	Intel® Small Business Advantage (Intel® SBA)	✓
Tcase	66 °C	Intel® Wireless Display (Intel® WiDi)	✓
PCI Express slots version	3.0	Intel 64	✓
Maximum number of PCI Express lanes	16	Enhanced Intel SpeedStep Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Embedded options available	✗
Number of processors installed	1	Intel® InTru™ 3D Technology	✓
Stepping	R0	Intel® Insider™	✓
Maximum internal memory supported by processor	64 GB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel Clear Video Technology	✓
Memory clock speeds supported by processor	2133,1333,1600,1866 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel TSX-NI	✓
ECC supported by processor	✗	Idle States	✓
Memory voltage supported by processor	1.35 V	Thermal Monitoring Technologies	✓
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum internal memory *	32 GB		
Internal memory type	DDR4-SDRAM		
Memory layout (slots x size)	1 x 8 GB		
Memory slots	2x SO-DIMM		

Memory		Processor special features	
Memory clock speed	2133 MHz	Intel® Secure Key	✓
Memory channels	Dual-channel	Intel® OS Guard	✓
Storage		Intel Trusted Execution Technology	✓
Total storage capacity *	628 GB	Execute Disable Bit	✓
Storage media *	HDD+SSD	Intel Enhanced Halt State	✓
Optical drive type *	✗	Intel Software Guard Extensions (Intel SGX)	✓
Number of storage drives installed	2	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Total HDDs capacity	500 GB	Processor package size	37.5 x 37.5 mm
Number of HDDs installed	1	Supported instruction sets	SSE4.2, AVX 2.0, SSE4.1
HDD capacity	500 GB	Processor code	SR2BZ
HDD interface	SATA	Scalability	1S
HDD speed	7200 RPM	CPU configuration (max)	1
Total SSDs capacity	128 GB	Graphics & IMC lithography	14 nm
Number of SSDs installed	1	Thermal solution specification	PCG 2015A
SSD capacity	128 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Identity Protection Technology version	1.00
Card reader integrated	✗	Intel Stable Image Platform Program (SIPP) version	1.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Small Business Advantage (SBA) version	1.00
Discrete graphics card model *	Not available	Intel TSX-NI version	1.00
On-board graphics card model *	Intel® HD Graphics 530	Processor ARK ID	88183
On-board graphics card base frequency	350 MHz	Intel® Turbo Boost Technology	2.0
On-board graphics card burst frequency	1100 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Intel® Quick Sync Video Technology	✓
Maximum on-board graphics card memory	1.7 GB	Intel® Identity Protection Technology (Intel® IPT)	✓
Number of displays supported (on-board graphics)	3	Conflict-Free processor	✓
On-board graphics card DirectX version	12.0	Power	
On-board graphics card OpenGL version	4.4	Power supply *	65 W
On-board graphics card ID	0x1912	Sustainability	
Network		Sustainability certificates	EPEAT Gold, ENERGY STAR
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width *	175 mm
Cabling technology	10/100/1000Base-T(X)	Depth *	177 mm
Bluetooth	✓	Height *	34 mm
		Weight *	1.3 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Mouse included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Keyboard included	✓
VGA (D-Sub) ports quantity	1	AC adapter included	✓
DVI port	✗	Display	
Ethernet LAN (RJ-45) ports	1	Display included *	✗
Microphone in	✗		
Headphone outputs	1		

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