



HP EliteDesk 800 G1 Tower Intel® Core™ i3 i7-4770 4 GB DDR3-SDRAM 500 GB HDD 32 GB DOS PC

HP

EliteDesk

C8N27AV-ALT

800 G1 Tower

HP EliteDesk 800 G1 Tower. Processor: 3.4 GHz, Processor: Intel® Core™ i3, i7-4770. Memory: 4 GB, Memory: DDR3-SDRAM, Memory: 1600 MHz. Storage: 500 GB, Storage: HDD, Storage: DVD-ROM. Operating system: Intel® HD 4600. Operating system: DOS. Power: 320 W. Operating system: PC. Operating system: 32

Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel® Q87
Processor family *	Intel® Core™ i7	Product type *	PC
Processor generation	4th gen Intel® Core™ i7	Software	
Processor model *	i7-4770	Operating system installed *	FreeDOS
Processor cores	4	Processor special features	
Processor threads	8	Intel® Small Business Advantage (Intel® SBA)	✗
Processor boost frequency	3.9 GHz	Intel® Wireless Display (Intel® WiDi)	✓
Processor frequency *	3.4 GHz	Intel 64	✓
Processor socket	LGA 1150 (Socket H3)	Enhanced Intel SpeedStep Technology	✓
Processor cache	8 MB	Embedded options available	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Bus type	DMI2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
FSB Parity	✗	Intel Clear Video Technology	✗
Processor lithography	22 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel TSX-NI	✗
Processor series	Intel Core i7-4700 Desktop series	Idle States	✓
Processor codename	Haswell	Thermal Monitoring Technologies	✓
Thermal Design Power (TDP)	84 W	Intel Stable Image Platform Program (SIPP)	✓
Tcase	72.72 °C	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
Maximum number of PCI Express lanes	16	Intel® OS Guard	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Trusted Execution Technology	✓
Number of processors installed	1	Execute Disable Bit	✓
Number of QPI links	1	Intel FDI Technology	✓
Stepping	C0	Intel Flex Memory Access	✗
Maximum internal memory supported by processor	32 GB	Intel Fast Memory Access	✗
Memory types supported by processor	DDR3-SDRAM	Intel® Smart Cache	✓
Memory clock speeds supported by processor	1333,1600 MHz	Intel Enhanced Halt State	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory voltage supported by processor	1.5 V	Processor package size	37.5 x 37.5 mm
Memory		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Internal memory *	4 GB	Processor code	SR149
Maximum internal memory *	32 GB	Scalability	1S
Internal memory type	DDR3-SDRAM	CPU configuration (max)	1
Memory layout (slots x size)	1 x 4 GB		
Memory slots	4x DIMM		
Memory clock speed	1600 MHz		
Memory channels	Dual-channel		

Storage		Processor special features	
Total storage capacity *	500 GB	Graphics & IMC lithography	22 nm
Storage media *	HDD	Thermal solution specification	PCG 2013D
Optical drive type *	DVD-ROM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of HDDs installed	1	Intel Identity Protection Technology version	1.00
HDD capacity	500 GB	Intel Stable Image Platform Program (SIPP) version	1.00
HDD interface	SATA	Intel Secure Key Technology version	1.00
HDD speed	7200 RPM	Intel Virtualization Technology (VT-x)	✓
HDD size	3.5"	Intel Small Business Advantage (SBA) version	1.00
Graphics		Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Dual Display Capable Technology	✗
Discrete graphics card model *	Not available	Intel Rapid Storage Technology	✗
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	75122
On-board graphics card model *	Intel® HD Graphics 4600	Intel® Smart Response Technology	✓
On-board graphics card base frequency	350 MHz	Intel® Turbo Boost Technology	2.0
On-board graphics card dynamic frequency (max)	1200 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Maximum on-board graphics card memory	2 GB	Intel® Quick Sync Video Technology	✓
Number of displays supported (on-board graphics)	3	Intel® My WiFi Technology (Intel® MWT)	✓
On-board graphics card DirectX version	11.2/12	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card OpenGL version	4.3	Intel® Anti-Theft Technology (Intel® AT)	✓
On-board graphics card ID	0x412	Conflict-Free processor	✓
Network		Power	
Ethernet LAN *	✓	Power supply *	320 W
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply input voltage	100 - 240 V
Cabling technology	10/100/1000Base-T(X)	Power supply input frequency	50 - 60 Hz
Wi-Fi *	✗	Operational conditions	
Ports & interfaces		Operating temperature (T-T)	10 - 35 °C
USB 2.0 ports quantity *	6	Operating relative humidity (H-H)	10 - 90%
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
VGA (D-Sub) ports quantity	1	Width *	170 mm
DVI port	✗	Depth *	442 mm
DisplayPorts quantity	2	Height *	399 mm
PS/2 ports quantity	2	Weight *	9.3 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 *	✗
Serial ports quantity	1	Other features	
Expansion slots		Optical drives quantity	1
PCI Express x1 slots	2	Intel segment tagging	Enterprise
PCI Express x4 slots	1	BD interface type	SATA
PCI Express x16 slots	1		
Design			
Chassis type *	Micro Tower		
Product colour *	Black		
Country of origin	China		

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