



HP Z620 E5-2650V2 Mini Tower Intel® Xeon® E5 V2 Family 16 GB DDR3-SDRAM 1256 GB HDD+SSD Windows 7 Professional Workstation Black, Stainless steel

Brand : HP

Product code: G9N93PA

Product name : Z620

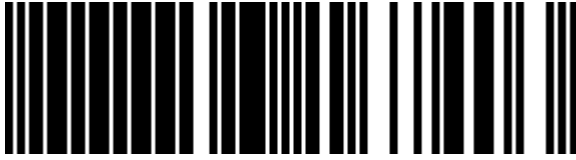
Intel Xeon E5-2650V2 (2.6GHz, 20MB cache, 8 cores), Intel C602, 16GB 1866MHz DDR3 ECC, 256GB SATA SSD, 1TB 7200rpm SATA, NVIDIA Quadro K4000 3GB, SuperMulti DVD, Gigabit Ethernet, Windows 7 Professional 32-bit/Windows 8.1 Pro 64-bit

HP Z620. Processor frequency: 2.6 GHz, Processor family: Intel® Xeon® E5 V2 Family, Processor: E5-2650V2. Internal memory: 16 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1866 MHz. Total storage capacity: 1256 GB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi. Discrete graphics card model: NVIDIA® Quadro® K4000. Operating system installed: Windows 7 Professional, Operating system architecture: 32-bit. Power supply: 800 W. Chassis type: Mini Tower. Product type: Workstation



Processor		Design	
Processor manufacturer *	Intel	Chassis type *	Mini Tower
Processor *	E5-2650V2	Water cooling system	✗
Processor family *	Intel® Xeon® E5 V2 Family	Product colour *	Black, Stainless steel
Processor number of cores	8	Country of origin	China
Processor boost frequency	3.4 GHz	Performance	
Processor frequency *	2.6 GHz	Motherboard chipset	Intel® C602
Processor socket	LGA 2011 (Socket R)	Product type *	Workstation
Processor cache	20 MB	Software	
Processor cache type	Smart Cache	Operating system installed *	Windows 7 Professional
Processor threads	16	Operating system architecture	32-bit
System bus data transfer rate	8 GT/s	Recovery operating system	Windows 8.1 Pro
Bus type	QPI	Processor special features	
FSB Parity	✗	Intel Wireless Display (WiDi) Technology	✗
Processor lithography	22 nm	Intel 64	✓
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Xeon E5-2600 v2	Embedded options available	✗
Processor codename	Ivy Bridge EP	Intel® InTru™ 3D Technology	✗
Thermal Design Power (TDP)	95 W	Intel® Insider™	✗
Tcase	75 °C	Intel Clear Video HD Technology	✗
PCI Express slots version	3.0	Intel Clear Video Technology	✗
Maximum number of PCI Express lanes	40	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	x4, x8, x16	Intel TSX-NI	✗
Number of processors installed	1	Idle States	✓
Number of QPI links	2	Thermal Monitoring Technologies	✓
Maximum internal memory supported by processor	768 GB	Intel AES New Instructions	✓
Memory types supported by processor	DDR3-SDRAM	Intel® Secure Key	✓
Memory clock speeds supported by processor	800,1066,1333,1600,1866 MHz	Intel® OS Guard	✓
Memory bandwidth supported by processor (max)	59.7 GB/s	Intel Trusted Execution Technology	✓
ECC supported by processor	✓	Execute Disable Bit	✓
		Intel FDI Technology	✗

Memory		Processor special features	
Internal memory *	16 GB	Intel Flex Memory Access	✗
Internal memory type	DDR3-SDRAM	Intel Fast Memory Access	✗
Memory layout (slots x size)	2 x 8 GB	Intel Enhanced Halt State	✓
Memory slots	12x DIMM	Intel Demand Based Switching	✓
Memory clock speed	1866 MHz	Intel Clear Video Technology for MID	✗
ECC	✓	Processor package size	52.5 x 51 mm
Memory channels	Quad-channel	Supported instruction sets	AVX
Storage		Scalability	2S
Total storage capacity *	1256 GB	Physical Address Extension (PAE)	46 bit
Storage media *	HDD+SSD	CPU configuration (max)	2
Optical drive type *	DVD Super Multi	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total HDDs capacity	1000 GB	Intel Identity Protection Technology version	0.00
Number of hard drives installed	1	Intel Secure Key Technology version	1.00
Hard drive capacity	1000 GB	Intel Virtualization Technology (VT-x)	✓
Hard drive interface	SATA	Intel TSX-NI version	0.00
Hard drive rotational speed	7200 RPM	Intel Dual Display Capable Technology	✗
Total SSDs capacity	256 GB	Intel Rapid Storage Technology	✗
Number of SSDs installed	1	Processor ARK ID	75269
Solid-state drive capacity	256 GB	Intel Turbo Boost Technology	2.0
Solid-state drive interfaces	SATA	Intel Hyper-Threading Technology	✓
Graphics		Intel® Quick Sync Video Technology	✗
Discrete graphics card model *	NVIDIA® Quadro® K4000	Intel My WiFi Technology	✗
Discrete graphics card memory	3072 GB	Intel Identity Protection Technology	✗
Network		Intel Anti-Theft Technology	✗
Ethernet LAN connection *	✓	Conflict-Free processor	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	Energy Management	
Wi-Fi *	✗	Power supply *	800 W
Ports & interfaces		Sustainability	
USB 2.0 ports quantity *	5	Sustainability certificates	ENERGY STAR
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Weight & Dimensions	
DVI port	✗	Width *	171.5 mm
PS/2 ports quantity	2	Depth *	464.8 mm
Firewire (IEEE 1394) ports	2	Height *	444.5 mm
Ethernet LAN (RJ-45) ports quantity	1	Weight *	15.5 kg
Microphone in	✓	Packaging Content	
Headphone outputs	1	Display included *	✗
Line-out	✓	Mouse included	✗
Line-in	✓	Keyboard included	✓
DC-in jack	✓	Other features	
Expansion Slots		Optical drives quantity	1
PCI Express x4 (Gen 2.x) slots	1	Intel Virtualization Technology	VT-d, VT-x
PCI Express x8 (Gen 2.x) slots	1		
PCI Express x8 (Gen 3.x) slots	1		
PCI Express x16 (Gen 3.x) slots	2		



0888793167403



888793167403

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.