



HP Z640 Intel Xeon E5 v3 E5-2620V3 16 GB DDR4-SDRAM 256 GB SSD Windows 7 Professional Tore Workstation Itim

Brand : HP

Product code: J5E42UP

Product name : Z640

HP Z640. Prikwensiya ng processor: 2,4 GHz, Pamilya ng processor: Intel Xeon E5 v3, Modelo ng processor: E5-2620V3. Panloob na memory: 16 GB, Uri ng panloob na memory: DDR4-SDRAM, Bilis ng orasan ng memory: 2133 MHz. Kabuuang kapasidad ng storage: 256 GB, Storage media: SSD, Uri ng optical drive: DVD±RW. Naka-install ang operating system: Windows 7 Professional, Arkitektura ng operating system: 64-bit. Supply ng kuryente: 925 W. Uri ng chassis: Tore. Uri ng produkto: Workstation. Kulay ng produkto: Itim



Processor		Disenyo	
Gumagawa ng processor *	Intel	Sistema ng paglamig ng tubig	✗
Pamilya ng processor *	Intel Xeon E5 v3	Puwang ng lock ng cable	✓
Modelo ng processor *	E5-2620V3	Kulay ng produkto *	Itim
Mga core ng processor	6	Bansang pinagmulan	Tsina
Mga thread ng processor	12	Pagganap	
Prikwensiya ng pagpapalakas ng processor	3,2 GHz	Chipset ng motherboard	Intel C612
Prikwensiya ng processor *	2,4 GHz	Uri ng produkto *	Workstation
Socket ng processor	LGA 2011-v3	Software	
Cache ng processor	15 MB	Arkitektura ng operating system	64-bit
Uri ng cache ng processor	Smart Cache	Naka-install ang operating system *	Windows 7 Professional
Rate ng bus ng system	8 GT/s	Optional operating system supplied	Windows 8.1 Pro
Uri ng bus	QPI	Mga espesyal na feature ng processor	
Lithography ng processor	22 nm	Intel 64	✓
Mga mode ng pagpapatakbo ng processor	64-bit	Pinahusay na Intel SpeedStep Technology	✓
Serye ng processor	Intel Xeon E5-2600 v3	Available ang mga naka-embed na opsyon	✓
Codename ng processor	Haswell	Intel VT-x na may Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	85 W	Intel TSX-NI	✗
Tcase	72,6 °C	Idle States	✓
Bersyon ng mga slot ng PCI Express	3.0	Thermal Monitoring Technologies	✓
Maximum na bilang ng mga linya ng PCI Express	40	Intel® AES Bagong Mga Tagubilin (Intel® AES-NI)	✓
Bilang ng mga naka-install na processor	1		
Bilang ng mga link ng QPI	2		

Processor		Mga espesyal na feature ng processor	
Paghakbang	R2	Intel® Secure Key	✓
Maximum na panloob na memory na suportado ng processor	768 GB	Intel® OS Guard	✓
Mga uri ng memory na suportado ng processor	DDR4-SDRAM	Intel Trusted Execution Technology	✓
Mga bilis ng memory clock na suportado ng processor	1600,1866 MHz	Ipatupad ang Disable Bit	✓
Bandwidth ng memory na suportado ng processor (max)	59 GB/s	Intel Flex Memory Access	✗
Suportado ng processor ng ECC	✓	Intel® Smart Cache	✓
Memory		Intel Enhanced Halt State	✓
		Intel Demand Based Switching	✓
Panloob na memory *	16 GB	Laki ng package ng processor	52.5 x 45 milimetro
Maximum na panloob na memory *	128 GB	Mga suportadong set ng pagtuturo	AVX
Uri ng panloob na memory	DDR4-SDRAM	Code ng processor	SR207
Layout ng memory (mga puwang x laki)	2 x 8 GB	Scalability	2S
Mga puwang ng memory	4x DIMM	Physical Address Extension (PAE)	✓
Bilis ng orasan ng memory	2133 MHz	Physical Address Extension (PAE)	46 bit
Mga channel ng memory	Quad-channel	Configuration ng CPU (max)	2
Storage		Intel Virtualization Technology para sa Nakadirektang I/O (VT-d)	✓
		Bersyon ng Intel Identity Protection Technology	0,00
Kabuuang kapasidad ng storage *	256 GB	Bersyon ng Intel Secure Key Technology	1,00
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Uri ng optical drive *	DVD±RW	Bersyon ng Intel TSX-NI	0,00
Bilang ng mga storage drive na naka-install	1	Processor ARK ID	83352
Kabuuang kapasidad ng SSD	256 GB	Intel® Turbo Boost Technology	2.0
Bilang ng mga SSD na naka-install	1	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Kapasidad ng SSD	256 GB	Intel® Identity Protection Technology (Intel® IPT)	✗
Mga graphic		Walang salungatan na processor	✗
		Kuryente	
On-board na modelo ng graphics card *	Hindi magagamit	Supply ng kuryente *	925 W
Network		Timbang at sukat	
		Lapad *	175 milimetro
LAN ng ethernet *	✓	Lalim *	464,8 milimetro
Mga rate ng data ng Ethernet LAN	10,100,1000 Mbit/s	Height *	444,5 milimetro
Wi-Fi *	✗	Timbang *	15 kilo
Mga port at interface		Nilalaman ng packaging	
		May kasamang mouse	✓
Dami ng USB 2.0 port *	2	May kasamang keyboard	✓
Dami ng Type-A port na USB 3.2 Gen 1 (3.1 Gen 1) *	8	Display	
DVI na port	✗	May kasamang display *	✗
Dami ng PS/2 port	2	Iba pang mga feature	
Mga port ng Ethernet LAN (RJ-45).	1		
Nakapasok ang mikropono	✓	Optical drives quantity	1
Mga output ng headphone	1		
Disenyo			
Uri ng chassis *	Tore		
Suportado ang pagkakalagay	Patayo		

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