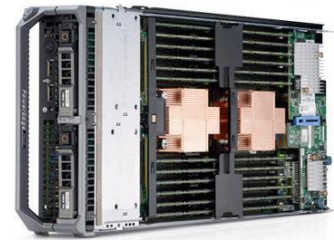




DELL PowerEdge M620 server 146 GB Blade Intel® Xeon® E5 Family E5-2603 1.8 GHz 2 GB DDR3-SDRAM



Brand : DELL


Product family: PowerEdge

Product code: PEM620

Product name : M620

DELL PowerEdge M620. Processor family: Intel® Xeon® E5 Family, Processor frequency: 1.8 GHz, Processor model: E5-2603. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM, Memory layout (slots x size): 1 x 2 GB. Total storage capacity: 146 GB, HDD size: 2.5", HDD interface: Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Chassis type: Blade

Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics card	✓
Processor family *	Intel® Xeon® E5 Family	Network	
Processor model *	E5-2603	Networking features	10 Gigabit Ethernet
Processor frequency *	1.8 GHz	Ethernet LAN	✓
Processor cores	4	Cabling technology	10/100/1000Base-T(X)
Processor cache	10 MB	Ports & interfaces	
Motherboard chipset	Intel C600	Ethernet LAN (RJ-45) ports *	2
Memory channels supported by processor	Quad	Expansion slots	
Number of processors installed	1	PCI Express slots version	3.0
Thermal Design Power (TDP)	80 W	Design	
Processor cache type	Smart Cache	Chassis type *	Blade
System bus rate	6.4 GT/s	Processor special features	
Processor socket	LGA 2011 (Socket R)	CPU configuration (max)	2
Processor lithography	32 nm	Intel Rapid Storage Technology	✗
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Identity Protection Technology (Intel® IPT)	✗
Stepping	M1	Intel® Wireless Display (Intel® WiDi)	✗
FSB Parity	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Bus type	QPI	Intel® Anti-Theft Technology (Intel® AT)	✗
Number of QPI links	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor codename	Sandy Bridge EP	Intel® My WiFi Technology (Intel® MWT)	✗
Tcase	70 °C	Intel® Turbo Boost Technology	✗
Maximum internal memory supported by processor	750 GB	Intel® Quick Sync Video Technology	✗
Memory types supported by processor	DDR3-SDRAM	Intel® InTru™ 3D Technology	✗
Memory clock speeds supported by processor	800,1066 MHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel® Insider™	✗
ECC supported by processor	✓	Intel Flex Memory Access	✗
Execute Disable Bit	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Idle States	✓	Intel Trusted Execution Technology	✓
Thermal Monitoring Technologies	✓	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	40	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	x4, x8, x16	Intel Demand Based Switching	✓
Processor package size	52.5 x 45.0 mm	Intel® Secure Key	✓
Supported instruction sets	AVX	Intel Clear Video Technology	✗
Scalability	2S		
Physical Address Extension (PAE)	46 bit		
Embedded options available	✗		
Graphics & IMC lithography	32 nm		
CPU multiplier (bus/core ratio)	18		
Processor series	Intel Xeon E5-2600		
Conflict-Free processor	✗		

Memory		Processor special features	
Internal memory *	2 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type *	DDR3-SDRAM	Intel 64	✓
Memory slots	24x DIMM	Intel Identity Protection Technology version	0.00
Memory clock speed	1333 MHz	Intel Secure Key Technology version	1.00
Memory layout (slots x size)	1 x 2 GB	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	768 GB	Intel TSX-NI version	0.00
Storage		Intel Dual Display Capable Technology	✗
Total storage capacity *	146 GB	Intel FDI Technology	✗
Number of HDDs installed	1	Intel Fast Memory Access	✗
HDD capacity	146 GB	Processor ARK ID	64592
HDD interface	Serial Attached SCSI (SAS)	Features	
HDD speed	15000 RPM	Images Type Map	
HDD size	2.5"	Other features	
RAID support *	✗	Flash memory	8192 MB
Hot-swap	✗	Graphics card	G200
Optical drive type *	✗	Graphics card family	Matrox

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