



HP Intel Xeon E5-4620 processor 2.2 GHz 16 MB L3

Brand : HP

Product code: 686847-B21

Product name : Intel Xeon E5-4620



Intel Xeon E5-4620 (16M Cache, 2.20 GHz, 7.20 GT/s)

HP Intel Xeon E5-4620. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 32 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 1.5 TB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server. Processor package size: 52.5 mm. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



Processor		Memory	
Processor model *	E5-4620	ECC	✓
Processor base frequency *	2.2 GHz	Graphics	
Processor family *	Intel® Xeon® E5 Family	On-board graphics card *	✗
Processor cores *	8	Features	
Processor socket *	LGA 2011 (Socket R)	Execute Disable Bit	✓
Component for	Server/workstation	Idle States	✓
Processor lithography *	32 nm	Thermal Monitoring Technologies	✓
Processor threads	16	Market segment	Server
System bus rate	7.2 GT/s	Processor special features	
Processor operating modes *	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	2.6 GHz	Intel® Turbo Boost Technology	2.0
Processor cache	16 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L3	Intel Virtualization Technology (VT-x)	✓
Thermal Design Power (TDP)	95 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
VID Voltage Range	0.60 - 1.35 V	Intel® vPro™ Platform Eligibility	✓
Number of QPI links	2	Weight & dimensions	
Memory bandwidth supported by processor (max)	42.6 GB/s	Processor package size	52.5 mm
Memory		Other features	
Maximum internal memory supported by processor	1.5 TB	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Memory types supported by processor	DDR3-SDRAM		
Memory clock speeds supported by processor	800,1066,1333 MHz		
Memory channels *	Quad-channel		

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