



HP Intel Xeon E5-2609 processor 2.4 GHz 10 MB L3

Brand : HP

Product code: 662341-B21

Product name : Intel Xeon E5-2609



Intel Xeon E5-2609 (10M Cache, 2.40 GHz, 6.40 GT/s)

HP Intel Xeon E5-2609. 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: 750 GB, 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 *	E5-2609	ECC	✓
Processor base frequency *	2.4 GHz	Graphics	
Processor family *	Intel® Xeon® E5 Family	On-board graphics card *	✗
Processor cores *	4	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	4	Market segment	Server
System bus rate	6.4 GT/s	Processor special features	
Processor operating modes *	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor cache	10 MB	Intel Virtualization Technology (VT-x)	✓
Processor cache type	L3	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Thermal Design Power (TDP)	80 W	Intel® vPro™ Platform Eligibility	✓
VID Voltage Range	0.60 - 1.35 V	Operational conditions	
Number of QPI links	2	Tcase	70 °C
Memory bandwidth supported by processor (max)	34.1 GB/s	Weight & dimensions	
Memory		Processor package size	52.5 mm
Maximum internal memory supported by processor	750 GB	Other features	
Memory types supported by processor	DDR3-SDRAM	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Memory clock speeds supported by processor	800,1066 MHz		
Memory channels *	Quad-channel		

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Publication date: 22-DEC-2023. Prints or copies of Information are only valid on the printed Publication date