



HP Intel Xeon X5482 processor 3.2 GHz 12 MB L2

Brand : HP

Product code: 495614-B21

Product name : Intel Xeon X5482

Intel Xeon X5482 (12M Cache, 3.20 GHz, 1600 MHz FSB)

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Now featuring Intel's second-generation quad-core processor, existing mainstream server platforms, new high-performance computing (HPC) systems, new workstations, and new business servers each deliver a unique combination of technology targeted at specific IT use environments. By selecting a platform that is best tuned for the most common IT usages, Intel® servers are able to better optimize return on investment while extending the leading performance and performance-per-watt advantages enjoyed when using Intel's proven multi-core technology. The Intel® Xeon® processor 5400? series with quad-core technology helps provide your data center or business with the performance headroom needed to confidently consolidate applications onto fewer systems using proven virtualization solutions or the compute power necessary for high-performance computing applications and workstation solutions.

Processor		Features	
Processor model *	X5482	Idle States	✓
Processor base frequency *	3.2 GHz	Thermal Monitoring Technologies	✓
Processor family *	Intel® Xeon® 5000 Sequence	Market segment	Server
Processor cores *	4	Number of Processing Die	820 M
Processor socket *	LGA 771 (Socket J)	Transistors	214 mm ²
Component for	Server/workstation		
Processor lithography *	45 nm		
Processor operating modes *	64-bit		
Processor cache	12 MB		
Processor cache type	L2		
Processor front side bus	1600 MHz		
Thermal Design Power (TDP)	150 W		
VID Voltage Range	0.850 - 1.3500 V		
FSB Parity	✓		
Graphics		Processor special features	
On-board graphics card *	✗	Enhanced Intel SpeedStep Technology	✓
		Intel Virtualization Technology (VT-x)	✓
Features		Operational conditions	
Execute Disable Bit	✓	Tcase	63 °C
		Weight & dimensions	
		Processor package size	37.5 mm
		Other features	
		Intel® Virtualization Technology (Intel® VT)	VT-x

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