

Intel E5405 processor 2 GHz 12 MB L2 Box

Brand : Intel

Product code: BX80574E5405P

Product name : E5405

Intel® Xeon® Processor E5405
(12M Cache, 2.00 GHz, 1333 MHz FSB)

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The Quad-Core Intel® Xeon® processor 7300 series, based on the Intel® Core™ microarchitecture, offers leading scalable performance and best-in-class virtualization for server consolidation.

Experience up to 2x greater scalable performance¹, 2.5x greater virtualization performance², and 3x performance per watt³ than the industry-leading Dual-Core Intel Xeon processor in the same power envelope. These quad-core-based servers enable you to be more productive and reduce data center space, power and administration/operation costs by consolidating your data center onto fewer servers.



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor model *	E5405	Intel® Turbo Boost Technology	✗
Processor base frequency *	2 GHz	Enhanced Intel SpeedStep Technology	✗
Processor family *	Intel® Xeon®	Intel Trusted Execution Technology	✗
Processor cores *	4	Intel Enhanced Halt State	✗
Processor socket *	LGA 771 (Socket J)	Intel VT-x with Extended Page Tables (EPT)	✗
Component for	Server/workstation	Intel Demand Based Switching	✗
Processor lithography *	45 nm	Intel 64	✓
Processor series	Intel Xeon 5400 Series	Intel Virtualization Technology (VT-x)	✓
Processor threads	4	Conflict-Free processor	✗
Processor operating modes *	64-bit	Operational conditions	
Processor cache	12 MB	Tcase	67 °C
Processor cache type	L2	Technical details	
Processor front side bus	1333 MHz	Bus bandwidth	1333
Thermal Design Power (TDP)	80 W	Bus type units	MHz
Box *	✓	Launch date	Q4'07
Cooler included *	✓	Processor cache	12288 KB
VID Voltage Range	0.85 - 1.35 V	Product type	Processor
FSB Parity	✓	Status	Discontinued
Bus type	FSB	Processor brand name	Intel Xeon
CPU multiplier (bus/core ratio)	6	Last change	63903513
Processor ARK ID	33079	Product family	Intel Xeon Processor 5000 Sequence
Features		Bus speed	1333 MHz
Execute Disable Bit	✓	Logistics data	
Idle States	✗	Harmonized System (HS) code	8542310001
Thermal Monitoring Technologies	✓	Packaging data	
Market segment	Server	Package width	157 mm
Number of Processing Die Transistors	820 M	Package depth	321 mm
Processing Die size	214 mm ²	Package height	173 mm
Embedded options available	✗	Package type	Retail box
Export Control Classification Number (ECCN)	3A991.A.1	Weight & dimensions	
Commodity Classification Automated Tracking System (CCATS)	NA	Processor package size	37.5 x 37.5 mm
Images Type Map	✗ ✗		



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