

## Intel Xeon E5405 processor 2 GHz 12 MB L2

**Brand :** Intel

**Product family:** Xeon

**Product code:** AT80574KJ041N

**Product name :** E5405



Intel® Xeon® Processor E5405

(12M Cache, 2.00 GHz, 1333 MHz FSB)

Intel Xeon E5405. Processor family: Intel® Xeon® 5000 Sequence, Processor socket: LGA 771 (Socket J), Processor lithography: 45 nm. Market segment: Server, Number of Processing Die Transistors: 820 M, Processing Die size: 214 mm<sup>2</sup>. Package type: Retail box. Processor package size: 37.5 x 37.5 mm. Intel® Virtualization Technology (Intel® VT): VT-x, Compatibility: Intel Server System SR2500ALBRPR Intel Server System SR1500ALR Intel Server System SR2520SAFR..., Cache memory: 12 MB

Processor		Processor special features	
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✗
Processor model *	E5405	Intel Enhanced Halt State	✗
Processor base frequency *	2 GHz	Intel VT-x with Extended Page Tables (EPT)	✗
Processor family *	Intel® Xeon® 5000 Sequence	Intel Demand Based Switching	✗
Processor cores *	4	Intel 64	✓
Processor socket *	LGA 771 (Socket J)	Intel Virtualization Technology (VT-x)	✓
Component for	Server/workstation	<b>Operational conditions</b>	
Processor lithography *	45 nm	Maximum operating temperature	67 °C
Processor series	Intel Xeon 5400 Series	Tcase	67 °C
Processor threads	4	<b>Technical details</b>	
Processor operating modes *	64-bit	Born on date	Q4'07
Processor cache	12 MB	Bus bandwidth	1333
Processor cache type	L2	Bus type units	MHz
Processor front side bus	1333 MHz	Launch date	Q4'07
Thermal Design Power (TDP)	80 W	Processor cache	12288 KB
Box *	✗	Processor core voltage	0.850-1.3500 V
Cooler included *	✗	Product name	Intel Xeon E5405 (12M Cache, 2.00 GHz, 1333 MHz FSB)
VID Voltage Range	0.85 - 1.35 V	Product type	Processor
Compatible chipsets	Intel® 5000P, Intel® 5000V, Intel® 5000X, Intel® 5100, Intel® 5400	Status	Discontinued
Stepping	E0	Processor brand name	Intel Xeon
FSB Parity	✓	Last change	63903513
Bus type	FSB	Product family	Intel Xeon Processor 5000 Sequence
CPU multiplier (bus/core ratio)	6	Bus speed	1333 MHz
Processor codename	Harpertown	<b>Logistics data</b>	
Processor ARK ID	33079	Harmonized System (HS) code	8542310001
<b>Graphics</b>		<b>Packaging data</b>	
On-board graphics card *	✗	Processor package size	37.5 x 37.5 mm
<b>Features</b>		<b>Weight &amp; dimensions</b>	
Execute Disable Bit	✓		
Idle States	✗		
Thermal Monitoring Technologies	✓		
Market segment	Server		
Number of Processing Die Transistors	820 M		
Processing Die size	214 mm <sup>2</sup>		

Features		Other features	
Number of Graphics & IMC Die Transistors	820 M	Intel® Virtualization Technology (Intel® VT)	VT-x
Embedded options available	✘	Supplemental SKU	✘
Export Control Classification Number (ECCN)	3A991.A.1		Intel Server System SR2500ALBRPR Intel Server System SR1500ALR Intel Server System SR2520SAFR Intel Server System SR1550ALR Intel Server System SR1530CLR Intel Server System SR1530HCLR Intel Server System SR1500ALSASR Intel Server System SR1550ALSASR Intel Server System SR2500ALLXR Intel Server System SR2520SAXR Intel Server System SR2520SAXSR Intel Server System SR1530HCLSR Intel Server System SR1560SF Intel Server System SR1560SFHS Intel Server Board S5000VSA4DIMMR Intel Server Board S5000VSASASR Intel Server Board S5000XLSATAR Intel Server Board S5000VSASATAR Intel Server Board S5000PSLROMBR Intel Server Board S5000PALR Intel Server Board S5000VSASCSIR Intel Server Board S5000PSLSASR Intel Server Board S5000PSLSATAR Intel Server Board S5000XALR Intel Workstation Board S5000XVNSATAR Intel Workstation Board S5000XVNSASR Intel Server Board S5400SF
Commodity Classification Automated Tracking System (CCATS)	NA		
Images Type Map	✘ ✘		
Processor special features		Compatibility	
Intel® Hyper Threading Technology (Intel® HT Technology)	✘		
Intel® Turbo Boost Technology	✘		
Enhanced Intel SpeedStep Technology	✘	Cache memory	12 MB



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