

Intel Xeon E5345 processor 2.33 GHz 8 MB L2 Box

Brand : Intel

Product family: Xeon

Product code:
BX80563E5345A

Product name : E5345

Intel® Xeon® Processor E5345

(8M Cache, 2.33 GHz, 1333 MHz FSB)

Intel Xeon E5345. Processor family: Intel® Xeon® 5000 Sequence, Processor socket: LGA 771 (Socket J), Processor lithography: 65 nm. Market segment: Server, Number of Processing Die Transistors: 582 M, Processing Die size: 286 mm². Package width: 157 mm, Package depth: 387 mm, Package height: 173 mm. Processor package size: 37.5 x 37.5 mm. Cache memory: 8 MB



Processor		Features	
Processor manufacturer *	Intel	Commodity Classification	
Processor model *	E5345	Automated Tracking System (CCATS)	NA
Processor base frequency *	2.33 GHz	Images Type Map	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Processor family *	Intel® Xeon® 5000 Sequence	Processor special features	
Processor cores *	4	Intel® Hyper Threading Technology (Intel® HT Technology)	<input checked="" type="checkbox"/>
Processor socket *	LGA 771 (Socket J)	Intel® Turbo Boost Technology	<input checked="" type="checkbox"/>
Component for	Server/workstation	Enhanced Intel SpeedStep Technology	<input checked="" type="checkbox"/>
Processor lithography *	65 nm	Intel Trusted Execution Technology	<input checked="" type="checkbox"/>
Processor series	Intel Xeon 5300 Series	Intel Enhanced Halt State	<input checked="" type="checkbox"/>
Processor threads	4	Intel VT-x with Extended Page Tables (EPT)	<input checked="" type="checkbox"/>
Processor operating modes *	64-bit	Intel Demand Based Switching	<input checked="" type="checkbox"/>
Processor cache	8 MB	Intel 64	<input checked="" type="checkbox"/>
Processor cache type	L2	Intel Virtualization Technology (VT-x)	<input checked="" type="checkbox"/>
L2 cache speed	2.33 GHz	Operational conditions	
Processor front side bus	1333 MHz	Tcase	66 °C
Thermal Design Power (TDP)	80 W	Technical details	
Box *	<input checked="" type="checkbox"/>	Born on date	Q1'07
Cooler included *	<input checked="" type="checkbox"/>	Bus bandwidth	1333
VID Voltage Range	1.000 - 1.500 V	Bus type units	MHz
FSB Parity	<input checked="" type="checkbox"/>	Launch date	Q1'07
Bus type	FSB	Processor cache	8192 KB
CPU multiplier (bus/core ratio)	7	Processor core voltage	1.0000-1.5000 V
Processor codename	Clovertown	Product name	Intel Xeon E5345 (8M Cache, 2.33 GHz, 1333 MHz FSB)
Processor ARK ID	28032	Product type	Processor
Memory		Status	Discontinued
ECC	<input checked="" type="checkbox"/>	Processor brand name	Intel Xeon
Graphics			
On-board graphics card *	<input checked="" type="checkbox"/>		
Features			
Execute Disable Bit	<input checked="" type="checkbox"/>		
Idle States	<input checked="" type="checkbox"/>		

Features		Technical details	
Thermal Monitoring Technologies	✓	Last change	63903513
Market segment	Server	Product family	Intel Xeon Processor 5000 Sequence
Number of Processing Die Transistors	582 M	Bus speed	1333 MHz
Processing Die size	286 mm ²	Logistics data	
Number of Graphics & IMC Die Transistors	582 M	Harmonized System (HS) code	8542310001
Embedded options available	✓	Packaging data	
Physical Address Extension (PAE)	32 bit	Package width	157 mm
Export Control Classification Number (ECCN)	3A991.A.1	Package depth	387 mm
		Package height	173 mm
		Package type	Retail box
		Weight & dimensions	
		Processor package size	37.5 x 37.5 mm
		Other features	
		Supplemental SKU	✗
		Cache memory	8 MB



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