

Intel Xeon X3480 processor 3.06 GHz 8 MB Smart Cache Box

Brand : Intel

Product family: Xeon

Product code: BX80605X3480

Product name : X3480

Intel® Xeon® Processor X3480
(8M Cache, 3.06 GHz)

Intel Xeon X3480. Processor family: Intel® Xeon® 3000 Sequence, Processor socket: LGA 1156 (Socket H), Processor lithography: 45 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, PCI Express configurations: 1x16, 2x8, 4x4, Number of Processing Die Transistors: 774 M. Package width: 81 mm, Package depth: 114 mm, Package height: 102 mm. Processor package size: 37.5 x 37.5 mm



Processor		Features	
Processor manufacturer *	Intel	Commodity Classification	
Processor model *	X3480	Automated Tracking System (CCATS)	NA
Processor base frequency *	3.06 GHz	Images Type Map	<input checked="" type="checkbox"/>
Processor family *	Intel® Xeon® 3000 Sequence	Processor special features	
Processor cores *	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor socket *	LGA 1156 (Socket H)	Intel® Turbo Boost Technology	1.0
Processor lithography *	45 nm	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor series	Intel Xeon 3400 Series	Enhanced Intel SpeedStep Technology	✓
Processor threads	8	Intel Trusted Execution Technology	✓
System bus rate	2.5 GT/s	Intel Enhanced Halt State	✓
Processor operating modes *	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor boost frequency	3.73 GHz	Intel Demand Based Switching	✓
Processor cache	8 MB	Intel 64	✓
Processor cache type	Smart Cache	Intel Virtualization Technology (VT-x)	✓
Thermal Design Power (TDP)	95 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Box *	✓	Conflict-Free processor	✗
Cooler included *	✓	Intel® vPro™ Platform Eligibility	✗
VID Voltage Range	0.65 - 1.4 V	Operational conditions	
Bus type	DMI	Maximum operating temperature	72.7 °C
CPU multiplier (bus/core ratio)	23	Tcase	72.7 °C
Memory bandwidth supported by processor (max)	21 GB/s	Technical details	
Processor ARK ID	48501	Bus bandwidth	2.5
Memory		Bus type units	GT/s
Maximum internal memory supported by processor	32 GB	Launch date	Q2'10
Memory types supported by processor	DDR3-SDRAM	Processor cache	8192 KB
Memory channels *	Dual-channel	Product type	Processor
ECC	✓	Status	Discontinued
Graphics		Maximum memory	32 GB
On-board graphics card *	✗	Processor brand name	Intel Xeon
Features		Supported memory types	DDR3-SDRAM
Execute Disable Bit	✓	Last change	63903513
Idle States	✓	Product family	Intel Xeon Processor 3000 Sequence
Thermal Monitoring Technologies	✗	Bus speed	2.5 GT/s
Market segment	Server	Logistics data	
Maximum number of PCI Express lanes	16	Harmonized System (HS) code	8542310001
PCI Express slots version	2.0		
PCI Express configurations	1x16, 2x8, 4x4		
Number of Processing Die Transistors	774 M		

Features		Packaging data	
Processing Die size	296 mm ²	Package width	81 mm
Supported instruction sets	SSE4.2	Package depth	114 mm
CPU configuration (max)	1	Package height	102 mm
Embedded options available	✘	Package weight	394 g
Physical Address Extension (PAE)	36 bit	Package type	Retail box
PCI Express CEM revision	2.0	Weight & dimensions	
Export Control Classification Number (ECCN)	3A991	Processor package size	37.5 x 37.5 mm
		Other features	
		Maximum internal memory	32 GB
		Maximum internal memory	32768 MB



5032037011082



0735858214575



735858214575

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.