

Intel E5450 processor 3 GHz 12 MB L2

Brand : Intel

Product code: AT80574KJ080N

Product name : E5450

Intel® Xeon® Processor E5450
(12M Cache, 3.00 GHz, 1333 MHz FSB)

[Intel E5450 processor 3 GHz 12 MB L2:](#)

The breakthrough performance, energy efficiency, and reliability of Intel® Xeon® processor-based server systems make them the ideal choice for all of your data demanding or standard enterprise infrastructure applications.

Intel® processor-based servers enable businesses worldwide to do more and spend less—with outstanding price/performance and broad 64-bit choice across OEMs, operating systems, and applications. Supported by a single stable mainstream 2P server platform supporting a range of CPU options for IT flexibility, investment protection and easy migration.

Reliable, efficient, proven performance. Why would you depend on anything else? Intel® Xeon® processor-based servers deliver it all. Put Intel® server technology to work in your data center.



Processor		Features	
Processor manufacturer *	Intel	Commodity Classification	
Processor model *	E5450	Automated Tracking System (CCATS)	NA
Processor base frequency *	3 GHz	Images Type Map	<input type="checkbox"/> <input type="checkbox"/>
Processor family *	Intel® Xeon®	Processor special features	
Processor cores *	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor socket *	LGA 771 (Socket J)	Intel® Turbo Boost Technology	✗
Component for	Server/workstation	Enhanced Intel SpeedStep Technology	✓
Processor lithography *	45 nm	Intel Trusted Execution Technology	✗
Processor series	Intel Xeon 5400 Series	Intel Enhanced Halt State	✓
Processor threads	4	Intel VT-x with Extended Page Tables (EPT)	✗
Processor operating modes *	64-bit	Intel Demand Based Switching	✓
Processor cache	12 MB	Intel 64	✓
Processor cache type	L2	Intel Virtualization Technology (VT-x)	✓
L2 cache speed	3 GHz	Operational conditions	
Processor front side bus	1333 MHz	Maximum operating temperature	67 °C
Thermal Design Power (TDP)	80 W	Tcase	67 °C
Box *	✗	Technical details	
Cooler included *	✗	Born on date	Q4'07
VID Voltage Range	0.85 - 1.35 V	Bus bandwidth	1333
Stepping	E0	Bus type units	MHz
FSB Parity	✓	Launch date	Q4'07
Bus type	FSB	Processor cache	12288 KB
CPU multiplier (bus/core ratio)	9	Processor core voltage	0.850-1.3500 V
Processor system type	DP	Product name	Intel Xeon E5450 (12M Cache, 3.00 GHz, 1333 MHz FSB)
Processor codename	Harpertown	Product type	Processor
Processor code	SLBBM	Status	Discontinued
Processor ARK ID	33083	Processor brand name	Intel Xeon
Features		Last change	63903513
Execute Disable Bit	✓	Product family	Intel Xeon Processor 5000 Sequence
Idle States	✓	Bus speed	1333 MHz
Thermal Monitoring Technologies	✓		
Market segment	Server		
Number of Processing Die Transistors	820 M		
Processing Die size	214 mm²		
Number of Graphics & IMC Die Transistors	820 M		

Features

Embedded options available	✘
Export Control Classification Number (ECCN)	3A991.A.1

Logistics data

Harmonized System (HS) code	8542310001
-----------------------------	------------

Packaging data

Package type	Retail box
--------------	------------

Weight & dimensions

Processor package size	37.5 x 37.5 mm
------------------------	----------------

Other features

Cache memory	12 MB
--------------	-------

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.

Publication date: 22-DEC-2023. Prints or copies of Information are only valid on the printed Publication date