

Intel Xeon E7450 processor 2.4 GHz 12 MB L3

Brand : Intel

Product family: Xeon

Product code:
AD80582QH056003

Product name : E7450



Intel® Xeon® Processor E7450
(12M Cache, 2.40 GHz, 1066 MHz FSB)

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The Intel® Xeon® processor 7400 series is designed to handle any IT consolidation project with ease while maintaining peak load application responsiveness. With key innovations like large on-die L3 cache, support for four or more processors, and expanded memory of up to 256 GB, servers based on the Intel® Xeon® processor 7400 series is the ideal choice for your large virtualization projects and data-intensive, business-critical performance requirements.

Intel Xeon E7450. Processor family: Intel® Xeon® E7 Family, Processor socket: Socket 604 (mPGA604), Processor lithography: 45 nm. Market segment: Server, Number of Processing Die Transistors: 1900 M, Processing Die size: 503 mm². Package type: Retail box. Processor package size: 53.3mm x 53.3mm. Cache memory: 12 MB

Processor		Features	
Processor manufacturer *	Intel	Images Type Map	
Processor model *	E7450	Processor special features	
Processor base frequency *	2.4 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor family *	Intel® Xeon® E7 Family	Intel® Turbo Boost Technology	✗
Processor cores *	6	Enhanced Intel SpeedStep Technology	✓
Processor socket *	Socket 604 (mPGA604)	Intel Trusted Execution Technology	✗
Component for	Server/workstation	Intel Enhanced Halt State	✗
Processor lithography *	45 nm	Intel Demand Based Switching	✓
Processor series	Intel Xeon 7400 Series	Intel 64	✓
Processor threads	6	Intel Virtualization Technology (VT-x)	✓
Processor operating modes *	64-bit	Operational conditions	
Processor cache	12 MB	Maximum operating temperature	68 °C
Processor cache type	L3	Tcase	68 °C
L3 cache speed	2.4 GHz	Technical details	
Processor front side bus	1066 MHz	Born on date	Q3'08
Thermal Design Power (TDP)	90 W	Bus bandwidth	1066
Box *	✗	Bus type units	MHz
Cooler included *	✗	Launch date	Q3'08
VID Voltage Range	0.9 - 1.45 V	Processor cache	12288 KB
Stepping	A1	Processor core voltage	0.900-1.450 V
FSB Parity	✓	Product name	Intel Xeon E7450 (12M Cache, 2.40 GHz, 1066 MHz FSB)
Bus type	FSB	Product type	Processor
CPU multiplier (bus/core ratio)	9	Status	Discontinued
Processor codename	Dunnington	Processor brand name	Intel Xeon
Processor code	SLG9K	Last change	63903513
Processor ARK ID	36941	Product family	Intel Xeon Processor 7000 Sequence
Features		Bus speed	1066 MHz
Execute Disable Bit	✓	Logistics data	
Idle States	✗	Harmonized System (HS) code	8542310001
Market segment	Server	Packaging data	
Number of Processing Die Transistors	1900 M	Package type	Retail box
Processing Die size	503 mm ²		
Number of Graphics & IMC Die Transistors	1900 M		
Embedded options available	✗		
Export Control Classification Number (ECCN)	3A991.A.1		

Features

Commodity Classification Automated Tracking System (CCATS)	NA
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Weight & dimensions

Processor package size	53.3mm x 53.3mm
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Other features

Cache memory	12 MB
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