

Fujitsu E5-2450 V2 processor 2.5 GHz 20 MB Smart Cache

Brand : Fujitsu

Product code: S26361-F3834-E250

Product name : E5-2450 V2

Intel Xeon Processor E5-2450 v2 (20M Cache, 2.50 GHz)

Fujitsu E5-2450 V2. Processor family: Intel® Xeon® E5 V2 Family, Processor socket: LGA 1356 (Socket B2), Processor lithography: 22 nm. Memory channels: Triple-channel, Maximum internal memory supported by processor: 384 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Supported instruction sets: AVX, Scalability: 2S



Processor		Features	
Processor model *	E5-2450V2	Thermal Monitoring Technologies	✓
Processor base frequency *	2.5 GHz	Market segment	Server
Processor family *	Intel® Xeon® E5 V2 Family	Maximum number of PCI Express lanes	24
Processor cores *	8	PCI Express slots version	3.0
Processor socket *	LGA 1356 (Socket B2)	Supported instruction sets	AVX
Component for	Server/workstation	Scalability	2S
Processor lithography *	22 nm	CPU configuration (max)	2
Processor series	Intel Xeon E5-2400 v2	Embedded options available	✓
Processor threads	16	Processor special features	
System bus rate	8 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor operating modes *	64-bit	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor boost frequency	3.3 GHz	Intel® Turbo Boost Technology	2.0
Processor cache	20 MB	Intel Flex Memory Access	✗
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	95 W	Enhanced Intel SpeedStep Technology	✓
VID Voltage Range	0.65 - 1.3 V	Intel Trusted Execution Technology	✓
Bus type	QPI	Intel VT-x with Extended Page Tables (EPT)	✓
Number of QPI links	1	Intel Demand Based Switching	✓
Memory bandwidth supported by processor (max)	38.4 GB/s	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Maximum internal memory supported by processor	384 GB	Intel® OS Guard	✓
Memory types supported by processor	DDR3-SDRAM	Intel 64	✓
Memory clock speeds supported by processor	800,1066,1333,1600 MHz	Intel Virtualization Technology (VT-x)	✓
Memory channels *	Triple-channel	Intel Virtualization Technology for Directed I/O (VT-d)	✓
ECC	✓	Operational conditions	
Graphics		Tcase	80 °C
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		

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