

Fujitsu Intel Xeon E5-2430 v2 processor 2.5 GHz 15 MB L3

Brand : Fujitsu

Product code: S26361-F3833-L250

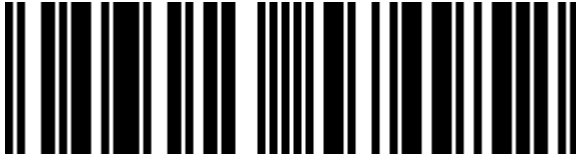
Product name : Intel Xeon E5-2430 v2

Intel Xeon E5-2430 v2 (2.50 GHz), Intel Turbo Boost 2.0 (up to 3.0 GHz), 6 Cores, 15 MB Intel Smart Cache, 7.2 GT/s, 22 nm, Socket FCLGA1356

Fujitsu Intel Xeon E5-2430 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: AES, AVX, Scalability: 2S. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



Processor		Features	
Processor model *	E5-2430V2	Thermal Monitoring Technologies	✓
Processor base frequency *	2.5 GHz	Market segment	Server
Processor family *	Intel® Xeon® E5 V2 Family	PCI Express slots version	3.0
Processor cores *	6	Supported instruction sets	AES, AVX
Processor socket *	LGA 1356 (Socket B2)	Scalability	2S
Component for	Server/workstation	Physical Address Extension (PAE)	✓
Processor lithography *	22 nm	CPU configuration (max)	2
Processor threads	12	Embedded options available	✓
System bus rate	7.2 GT/s	Processor special features	
Processor operating modes *	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3 GHz	Intel® Turbo Boost Technology	2.0
Processor cache	15 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L3	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	80 W	Intel VT-x with Extended Page Tables (EPT)	✓
VID Voltage Range	0.65 - 1.3 V	Intel Demand Based Switching	✓
Bus type	QPI	Intel® Secure Key	✓
Number of QPI links	1	Intel TSX-NI	✓
Memory bandwidth supported by processor (max)	38.4 GB/s	Intel® OS Guard	✓
Memory		Intel Virtualization Technology (VT-x)	✓
Maximum internal memory supported by processor	384 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory types supported by processor	DDR3-SDRAM	Operational conditions	
Memory clock speeds supported by processor	800,1066,1333,1600 MHz	Tcase	76 °C
Memory channels *	Triple-channel	Other features	
ECC	✓	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Graphics			
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		



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