

Fujitsu E5-2420 V2 processor 2.2 GHz 15 MB Smart Cache

Brand : Fujitsu

Product code: S26361-F3833-E220

Product name : E5-2420 V2



Intel Xeon Processor E5-2420 v2 (15M Cache, 2.20 GHz)

Fujitsu E5-2420 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, PCI Express configurations: 1x16, 1x4, 1x8, Supported instruction sets: AVX. Processor package size: 45 x 42.5 mm



Processor		Features	
Processor model *	E5-2420V2	Maximum number of PCI Express lanes	24
Processor base frequency *	2.2 GHz	PCI Express slots version	3.0
Processor family *	Intel® Xeon® E5 V2 Family	PCI Express configurations	1x16, 1x4, 1x8
Processor cores *	6	Supported instruction sets	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 series	Intel Xeon E5-2400 v2	Embedded options available	✗
Processor threads	12	Physical Address Extension (PAE)	46 bit
System bus rate	7.2 GT/s	Processor special features	
Processor operating modes *	32-bit, 64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	2.7 GHz	Intel® Turbo Boost Technology	2.0
Processor cache	15 MB	Intel Flex Memory Access	✗
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down	80 W	Enhanced Intel SpeedStep Technology	✓
VID Voltage Range	0.6 - 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 TSX-NI	✗
Memory		Intel 64	✓
Maximum internal memory supported by processor	384 GB	Intel Identity Protection Technology version	No
Memory types supported by processor	DDR3-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory clock speeds supported by processor	800,1066,1333,1600 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory channels *	Triple-channel	Conflict-Free processor	✓
ECC	✓	Operational conditions	
Graphics		Tcase	76 °C
On-board graphics card *	✗	Weight & dimensions	
Features		Processor package size	45 x 42.5 mm
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Server		

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