



Fujitsu Intel Xeon E5-2640v2 8C 2.0GHz processor 2 GHz 20 MB L3

Brand : Fujitsu

Product code: S26361-F5274-L200

Product name : Intel Xeon E5-2640v2 8C 2.0GHz



Intel Xeon Processor E5-2640 v2 (20M Cache, 2.00 GHz)

Fujitsu Intel Xeon E5-2640v2 8C 2.0GHz. Processor family: Intel® Xeon® E5 V2 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 22 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 768 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Scalability: 2S



Processor		Features	
Processor model *	E5-2640V2	Idle States	✓
Processor base frequency *	2 GHz	Thermal Monitoring Technologies	✓
Processor family *	Intel® Xeon® E5 V2 Family	Market segment	Server
Processor cores *	8	Maximum number of PCI Express lanes	40
Processor socket *	LGA 2011 (Socket R)	PCI Express slots version	3.0
Component for	Server/workstation	Scalability	2S
Processor lithography *	22 nm	Physical Address Extension (PAE)	✓
Processor threads	16	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	2.5 GHz	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor cache	20 MB	Intel® Turbo Boost Technology	✓
Processor cache type	L3	Intel Flex Memory Access	✗
Thermal Design Power (TDP)	95 W	Intel® AES New Instructions (Intel® AES-NI)	✓
VID Voltage Range	0.6 - 1.30 V	Enhanced Intel SpeedStep Technology	✓
Bus type	QPI	Intel Trusted Execution Technology	✓
Number of QPI links	2	Intel VT-x with Extended Page Tables (EPT)	✓
Memory bandwidth supported by processor (max)	51.2 GB/s	Intel Demand Based Switching	✓
Memory		Intel® Secure Key	✓
Maximum internal memory supported by processor	768 GB	Intel® vPro™ Platform Eligibility	✓
Memory types supported by processor	DDR3-SDRAM	Operational conditions	
Memory clock speeds supported by processor	800,1066,1333,1600 MHz	Tcase	75 °C
Memory channels *	Quad-channel		
ECC	✓		
Graphics			
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		

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