



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

Brand : Fujitsu

Product code: S26361-F3801-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. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



Processor		Features	
Processor model *	E5-2640V2	Maximum number of PCI Express lanes	40
Processor base frequency *	2 GHz	PCI Express slots version	3.0
Processor family *	Intel® Xeon® E5 V2 Family	Scalability	2S
Processor cores *	8	Physical Address Extension (PAE)	✓
Processor socket *	LGA 2011 (Socket R)	Embedded options available	✗
Component for	Server/workstation	Processor special features	
Processor lithography *	22 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	16	Intel® Identity Protection Technology (Intel® IPT)	✗
System bus rate	7.2 GT/s	Intel® Turbo Boost Technology	✓
Processor operating modes *	64-bit	Intel Flex Memory Access	✗
Processor boost frequency	2.5 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache	20 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L3	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	95 W	Intel VT-x with Extended Page Tables (EPT)	✓
VID Voltage Range	0.6 - 1.30 V	Intel Demand Based Switching	✓
Bus type	QPI	Intel® Secure Key	✓
Number of QPI links	2	Intel Virtualization Technology (VT-x)	✓
Memory bandwidth supported by processor (max)	51.2 GB/s	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory		Intel® vPro™ Platform Eligibility	✓
Maximum internal memory supported by processor	768 GB	Operational conditions	
Memory types supported by processor	DDR3-SDRAM	Tcase	75 °C
Memory clock speeds supported by processor	800,1066,1333,1600 MHz	Other features	
Memory channels *	Quad-channel	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
ECC	✓		
Graphics			
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Server		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.