



HP Intel Xeon E5-2620 2.0GHz processor 2 GHz 15 MB L3

Brand : HP

Product code: 654782-B21

Product name : Intel Xeon E5-2620 2.0GHz



Intel Xeon Processor E5-2620 (15M Cache, 2.00 GHz, 7.20 GT/s Intel QPI)
HP Intel Xeon E5-2620 2.0GHz. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 32 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 750 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Supported instruction sets: AVX. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x

Processor		Features	
Processor model *	E5-2620	Execute Disable Bit	✓
Processor base frequency *	2 GHz	Idle States	✓
Processor family *	Intel® Xeon® E5 Family	Thermal Monitoring Technologies	✓
Processor cores *	6	Market segment	Server
Processor socket *	LGA 2011 (Socket R)	PCI Express slots version	3.0
Component for	Server/workstation	Supported instruction sets	AVX
Processor lithography *	32 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	2.5 GHz	Intel® Turbo Boost Technology	✓
Processor cache	15 MB	Intel Flex Memory Access	✓
Processor cache type	L3	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	95 W	Enhanced Intel SpeedStep Technology	✓
VID Voltage Range	0.6 - 1.35 V	Intel Trusted Execution Technology	✓
Stepping	C2	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	QPI	Intel Demand Based Switching	✓
CPU multiplier (bus/core ratio)	25	Intel Virtualization Technology (VT-x)	✓
Number of QPI links	2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory bandwidth supported by processor (max)	42.6 GB/s	Intel® vPro™ Platform Eligibility	✓
Memory		Operational conditions	
Maximum internal memory supported by processor	750 GB	Tcase	77.4 °C
Memory types supported by processor	DDR3-SDRAM	Other features	
Memory clock speeds supported by processor	800,1066,1333 MHz	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Memory channels *	Quad-channel		
ECC	✓		
Graphics			
On-board graphics card *	✗		

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.

Publication date: 22-DEC-2023. Prints or copies of Information are only valid on the printed Publication date