

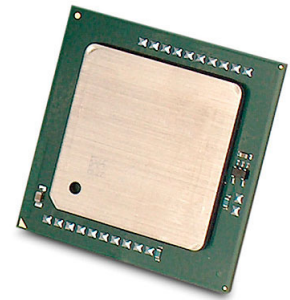


HP Intel Xeon E5-2660 processor 2.2 GHz 20 MB L3 Box

Brand : HP

Product code: 662924-B21

Product name : Intel Xeon E5-2660



Intel Xeon Processor E5-2660 (20M Cache, 2.20 GHz, 8.00 GT/s Intel QPI)

HP Intel Xeon E5-2660. 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, Graphics & IMC lithography: 32 nm. Processor package size: 52.5 mm. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x

Processor		Features	
Processor model *	E5-2660	Idle States	✓
Processor base frequency *	2.2 GHz	Thermal Monitoring Technologies	✓
Processor family *	Intel® Xeon® E5 Family	Market segment	Server
Processor cores *	8	PCI Express slots version	3.0
Processor socket *	LGA 2011 (Socket R)	Supported instruction sets	AVX
Component for	Server/workstation	CPU configuration (max)	2
Processor lithography *	32 nm	Embedded options available	✗
Processor threads	16	Graphics & IMC lithography	32 nm
System bus rate	8 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	✓
Processor cache	20 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	✓
Box *	✓	Intel Trusted Execution Technology	✓
VID Voltage Range	0.6 - 1.35 V	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	C2	Intel Demand Based Switching	✓
Bus type	QPI	Intel Virtualization Technology (VT-x)	✓
CPU multiplier (bus/core ratio)	30	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of QPI links	2	Intel® vPro™ Platform Eligibility	✓
Memory bandwidth supported by processor (max)	51.2 GB/s	Operational conditions	
Memory		Tcase	73 °C
Maximum internal memory supported by processor	750 GB	Weight & dimensions	
Memory types supported by processor	DDR3-SDRAM	Processor package size	52.5 mm
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	✓		

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