



HP Intel Xeon E5-2637 processor 3 GHz 5 MB L3

Brand : HP

Product code: 662345-B21

Product name : Intel Xeon E5-2637



Intel Xeon E5-2637 (5M Cache, 3.00 GHz, 8.00 GT/s)

HP Intel Xeon E5-2637. 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. Processor package size: 52.5 mm. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



Processor		Graphics	
Processor model *	E5-2637	On-board graphics card *	✗
Processor base frequency *	3 GHz	Features	
Processor family *	Intel® Xeon® E5 Family	Execute Disable Bit	✓
Processor cores *	2	Idle States	✓
Processor socket *	LGA 2011 (Socket R)	Thermal Monitoring Technologies	✓
Component for	Server/workstation	Market segment	Server
Processor lithography *	32 nm	Processor special features	
Processor threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	8 GT/s	Intel® Turbo Boost Technology	2.0
Processor operating modes *	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.5 GHz	Intel Virtualization Technology (VT-x)	✓
Processor cache	5 MB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache type	L3	Intel® vPro™ Platform Eligibility	✓
Thermal Design Power (TDP)	80 W	Operational conditions	
VID Voltage Range	0.60 - 1.35 V	Tcase	70 °C
Number of QPI links	2	Weight & dimensions	
Memory bandwidth supported by processor (max)	51.2 GB/s	Processor package size	52.5 mm
Memory		Other features	
Maximum internal memory supported by processor	750 GB	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Memory types supported by processor	DDR3-SDRAM		
Memory clock speeds supported by processor	800,1066,1333,1600 MHz		
Memory channels *	Quad-channel		
ECC	✓		

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