



## HP Intel Xeon E5-2643 processor 3.3 GHz 10 MB L3

Brand : HP

Product code: A2A22AV

Product name : Intel Xeon E5-2643

Intel Xeon E5-2643, 10M Cache, 3.30 GHz, 8.00 GT/s Intel QPI  
HP Intel Xeon E5-2643. 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 clock speeds supported by processor: 800,1066,1333,1600 MHz. Market segment: Server



Processor		Memory	
Processor model *	E5-2643	Maximum internal memory supported by processor	750 GB
Processor base frequency *	3.3 GHz	Memory clock speeds supported by processor	800,1066,1333,1600 MHz
Processor family *	Intel® Xeon® E5 Family	Memory channels *	Quad-channel
Processor cores *	4	ECC	✓
Processor socket *	LGA 2011 (Socket R)	<b>Graphics</b>	
Component for	Server/workstation	On-board graphics card *	✗
Processor lithography *	32 nm	<b>Features</b>	
Processor threads	8	Market segment	Server
System bus rate	8 GT/s	<b>Processor special features</b>	
Processor operating modes *	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3.5 GHz	Intel® Turbo Boost Technology	✓
Processor cache	10 MB	Intel® vPro™ Platform Eligibility	✓
Processor cache type	L3	<b>Operational conditions</b>	
Thermal Design Power (TDP)	130 W	Maximum operating temperature	73 °C
Box *	✗		
VID Voltage Range	0.60 - 1.35 V		
Stepping	M1		
CPU multiplier (bus/core ratio)	35		
Memory bandwidth supported by processor (max)	51.2 GB/s		

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