Lenovo Intel Xeon E5-2637 v4 Prozessor 3,5 GHz 15 MB Smart Cache

Marke : Lenovo **Artikel-Code:** 4XG0G89046

Produktname : Intel Xeon E5-2637 v4

Intel Xeon E5-2637 v4, 15M Cache, 3.5 GHz, 9.6 GT/s QPI, Factory Integrated
Lenovo Intel Xeon E5-2637 v4. Prozessorfamilie: Intel® Xeon® E5 v4, Prozessorsockel: LGA 2011-v3, Prozessor Lithografie: 14 nm. Speicherkanäle: Vierfach-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 1,53 TB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX 2.0, Skalierbarkeit: 2S

Prozessor	
Prozessor *	E5-2637V4
Grundfrequenz des Prozessors *	3,5 GHz
Prozessorfamilie *	Intel® Xeon® E5 v4
Anzahl Prozessorkerne *	4
Prozessorsockel *	LGA 2011-v3
Komponente für	Server/Arbeitsstation
Prozessor Lithografie *	14 nm
Prozessor-Serien	Intel Xeon E5-2600 v4
Prozessor-Threads	8
Systembus-Rate	9,6 GT/s
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	3,7 GHz
Prozessor-Cache	15 MB
Prozessor Cache Typ	Smart Cache
Thermal Design Power (TDP)	135 W
Stepping	R0
Bus Typ	QPI
Anzahl der QPI links	2
Durch den Prozessor (max) unterstützte Speicherbandbreite	76,8 GB/s

Speicher	
Maximaler interner Speicher, vom Prozessor unterstützt	1,53 TB
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM
Speichertaktraten, vom Prozessor unterstützt	1600,1866,2133,2400 MHz
Speicherkanäle *	Vierfach-Kanal
ECC	✔

Grafik	
Eingebaute Grafikadapter *	✘

Merkmale	
Execute Disable Bit	✔
Leerlauf Zustände	✔
Thermal-Überwachungstechnologien	✔
Marktsegment	Server
Maximale Anzahl der PCI-Express-Lanes	40
PCI-Express-Slots-Version	3.0

Merkmale	
Unterstützte Befehlssätze	AVX 2.0
Skalierbarkeit	2S
Physical Address Extension (PAE)	✔
CPU Konfiguration (max)	2
Eingebettete Optionen verfügbar	✘
Physical Address Extension (PAE)	46 Bit

Prozessor Besonderheiten	
Intel® Hyper-Threading-Technik (Intel® HT Technology)	✔
Intel® Identity-Protection-Technologie (Intel® IPT)	✘
Intel® Turbo-Boost-Technologie	2.0
Intel® Flex Memory Access	✘
Intel® AES New Instructions (Intel® AES-NI)	✔
Verbesserte Intel SpeedStep Technologie	✔
Intel® Trusted-Execution-Technik	✔
Intel® VT-x mit Extended Page Tables (EPT)	✔
Intel® Demand Based Switching	✔
Intel® Sicherer Schlüssel	✔
Intel® TSX-NI	✔
Intel® OS Guard	✔
Intel® 64	✔
Intel® Virtualization Technologie (VT-X)	✔
Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✔
Konfliktloser-Prozessor	✔
Intel® vPro™ Platform Eligibility	✔

Betriebsbedingungen	
Tcase	75 °C

Catalog Object Cloud



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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 17-NOV-2026. Prints or copies of Information are only valid on the printed Publication date