Lenovo Intel Xeon E5-4624L v2 Prozessor 1,9 GHz 25 MB L3



Marke : Lenovo

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Produktname : Intel Xeon E5-4624L v2

Xeon Processor E5-4624L v2 (25M Cache, 1.90 GHz)
Lenovo Intel Xeon E5-4624L v2. Prozessorfamilie: Intel® Xeon® E5-v2-Prozessoren, Prozessorsockel: LGA 2011 (Socket R), Prozessor Lithografie: 22 nm. Speicherkanäle: Vierfach-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 768 GB, Speichertypen, vom Prozessor unterstützt: DDR3-SDRAM. Marktsegment: Eingebettet

Prozessor	
Prozessor *	E5-4624LV2
Grundfrequenz des Prozessors *	1,9 GHz
Prozessorfamilie *	Intel® Xeon® E5-v2-Prozessoren
Anzahl Prozessorkerne *	10
Prozessorsockel *	LGA 2011 (Socket R)
Komponente für	Server/Arbeitsstation
Prozessor Lithografie *	22 nm
Prozessor-Threads	20
Systembus-Rate	8 GT/s
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	2,5 GHz
Prozessor-Cache	25 MB
Prozessor Cache Typ	L3
Thermal Design Power (TDP)	70 W
VID Spannungsbereich	0,65 - 1,30 V
Bus Typ	QPI
Anzahl der QPI links	2
Durch den Prozessor (max) unterstützte Speicherbandbreite	59,7 GB/s

Speicher	
Maximaler interner Speicher, vom Prozessor unterstützt	768 GB
Speichertypen, vom Prozessor unterstützt	DDR3-SDRAM
Speichertaktraten, vom Prozessor unterstützt	800,1066,1333,1600,1866 MHz
Speicherkanäle *	Vierfach-Kanal
ECC	✔

Grafik	
Eingebaute Grafikadapter *	✘

Merkmale	
Execute Disable Bit	✔

Merkmale	
Leerlauf Zustände	✔
Thermal-Überwachungstechnologien	✔
Marktsegment	Eingebettet
Maximale Anzahl der PCI-Express-Lanes	40
PCI-Express-Slots-Version	3.0
Eingebettete Optionen verfügbar	✔

Prozessor Besonderheiten	
Intel® Hyper-Threading-Technik (Intel® HT Technology)	✔
Intel® Turbo-Boost-Technologie	2.0
Intel® Smart Cache	✔
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® Virtualization Technologie (VT-X)	✔
Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✔

Betriebsbedingungen	
Tcase	92 °C

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