

## Intel Xeon E-2434 Prozessor 3,4 GHz 12 MB Box

Marke : Intel

Produktfamilie: Xeon

Artikel-Code: BX80715E2434

Produktname : E-2434



Boxed Intel Xeon E-2434 Processor (12M Cache, 3.40 GHz) FC-LGA16A

Intel Xeon E-2434. Prozessorfamilie: Intel Xeon E, Prozessorsockel: LGA 1700, Prozessorhersteller: Intel. Speicherkanäle: Zweikanalig, Maximaler interner Speicher, vom Prozessor unterstützt: 128 GB, Speichertypen, vom Prozessor unterstützt: DDR5-SDRAM. Marktsegment: Server, Nutzungsbedingungen: Server/Enterprise, PCI Express Konfigurationen: 2x8+1x4, 1x16+1x4. Intel® Turbo Boost Technology 2.0 frequency: 5 GHz, Mikroprozessor PCIe Revision: Gen 5. RAM-Speicher maximal: 128 GB



Prozessor		Merkmale	
Prozessorhersteller *	Intel	Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	740.17B1
Prozessor *	E-2434	<b>Prozessor Besonderheiten</b>	
Grundfrequenz des Prozessors *	3,4 GHz	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Prozessorfamilie *	Intel Xeon E	Intel® Turbo-Boost-Technologie	2.0
Anzahl Prozessorkerne *	4	Intel® AES New Instructions (Intel® AES-NI)	✓
Prozessorsockel *	LGA 1700	Verbesserte Intel SpeedStep Technologie	✓
Prozessor-Threads	8	Intel® Trusted-Execution-Technik	✓
Systembus-Rate	16 GT/s	Intel® Turbo Boost Technology 2.0 frequency	5 GHz
Prozessorbetriebsmodi *	64-Bit	Intel® Transactional Synchronization Extensions	✗
Leistungskerne	4	Intel® Total Memory Encryption	✓
Prozessor Boost-Frequenz	5 GHz	Intel® VT-x mit Extended Page Tables (EPT)	✓
Prozessor-Cache	12 MB	Intel® Sicherer Schlüssel	✓
Thermal Design Power (TDP)	55 W	Intel® OS Guard	✓
Box *	✓	Intel® 64	✓
Stepping	B0	Intel® Virtualization Technologie (VT-X)	✓
Maximale Anzahl DMI-Spuren	8	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Prozessor Codename	Raptor Lake	Intel Turbo Boost Max Technology 3.0	✗
ARK Prozessorerkennung	236192	Intel® Boot Guard	✓
<b>Speicher</b>		Modusbasierte Execute Control (MBE)	✓
Maximaler interner Speicher, vom Prozessor unterstützt	128 GB	Intel® Optane™ DC Persistent Memory unterstützt	✗
Speichertypen, vom Prozessor unterstützt	DDR5-SDRAM	Intel® Virtualisierungstechnik mit Umleitungsschutz (VT-rp)	✓
Speicherkanäle *	Zweikanalig	Mikroprozessor PCIe Revision	Gen 5
ECC	✓	Intel® Total Memory Encryption - Multi Key	✓
<b>Grafik</b>		<b>Betriebsbedingungen</b>	
Eingebaute Grafikkarte *	✗	Tjunction	100 °C
Separater Grafikkarte *	✗		
Eingebautes Grafikkartenmodell *	Nicht verfügbar		
Separates Grafikkartenmodell *	Nicht verfügbar		
<b>Merkmale</b>			
Execute Disable Bit	✓		
Leerlauf Zustände	✓		
Thermal-Überwachungstechnologien	✓		
Marktsegment	Server		
Nutzungsbedingungen	Server/Enterprise		
Maximale Anzahl der PCI-Express-Lanes	20		

Merkmale		Logistikdaten	
PCI-Express-Slots-Version	5.0	Warentarifnummer (HS)	8542310001
PCI Express Konfigurationen	2x8+1x4, 1x16+1x4	<b>Technische Details</b>	
Unterstützte Befehlssätze	AVX 2.0, SSE4.1, SSE4.2	Startdatum	Q4'23
Skalierbarkeit	1S	Status	Launched
CPU Konfiguration (max)	1	Instandhaltungsstatus	Baseline Servicing
Eingebettete Optionen verfügbar	✘	<b>Sonstige Funktionen</b>	
Exportkontroll-Klassifizierungsnummer (ECCN)	5A992C	RAM-Speicher maximal	128 GB



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