

Intel Xeon E-2478 Prozessor 2,8 GHz 24 MB Box

Marke : Intel

Produktfamilie: Xeon

Artikel-Code: BX80715E2478

Produktname : E-2478

Boxed Intel Xeon E-2478 Processor (24M Cache, 2.80 GHz) FC-LGA16A

Intel Xeon E-2478. 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 Max Technology 3.0 frequency: 5,2 GHz, Intel® Turbo Boost Technology 2.0 frequency: 5,2 GHz, Mikroprozessor PCIe Revision: Gen 5. RAM-Speicher maximal: 128 GB



Prozessor		Merkmale	
Prozessorhersteller *	Intel	Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	740.17B1
Prozessor *	E-2478	Prozessor Besonderheiten	
Grundfrequenz des Prozessors *	2,8 GHz	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Prozessorfamilie *	Intel Xeon E	Intel® Turbo-Boost-Technologie	2.0
Anzahl Prozessorkerne *	8	Intel® AES New Instructions (Intel® AES-NI)	✓
Prozessorsockel *	LGA 1700	Verbesserte Intel SpeedStep Technologie	✓
Prozessor-Threads	16	Intel® Trusted-Execution-Technik	✓
Systembus-Rate	16 GT/s	Intel® Turbo Boost Max Technology 3.0 frequency	5,2 GHz
Prozessorbetriebsmodi *	64-Bit	Intel® Turbo Boost Technology 2.0 frequency	5,2 GHz
Leistungskerne	8	Intel® Transactional Synchronization Extensions	✗
Prozessor Boost-Frequenz	5,2 GHz	Intel® Total Memory Encryption	✓
Prozessor-Cache	24 MB	Intel® VT-x mit Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	80 W	Intel® Sicherer Schlüssel	✓
Box *	✓	Intel® OS Guard	✓
Stepping	B0	Intel® 64	✓
Maximale Anzahl DMI-Spuren	8	Intel® Virtualization Technologie (VT-X)	✓
Prozessor Codename	Raptor Lake	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
ARK Prozessorerkennung	236183	Intel Turbo Boost Max Technology 3.0	✓
Speicher		Intel® Boot Guard	✓
Maximaler interner Speicher, vom Prozessor unterstützt	128 GB	Modusbasierte Execute Control (MBE)	✓
Speichertypen, vom Prozessor unterstützt	DDR5-SDRAM	Intel® Optane™ DC Persistent Memory unterstützt	✗
Speicherkanäle *	Zweikanalig	Intel® Virtualisierungstechnik mit Umleitungsschutz (VT-rp)	✓
ECC	✓	Mikroprozessor PCIe Revision	Gen 5
Grafik		Intel® Total Memory Encryption - Multi Key	✓
Eingebaute Grafikkarte *	✗		
Separater Grafikkarte *	✗		
Eingebautes Grafikkartenmodell *	Nicht verfügbar		
Separates Grafikkartenmodell *	Nicht verfügbar		
Merkmale			
Execute Disable Bit	✓		
Leerlauf Zustände	✓		
Thermal-Überwachungstechnologien	✓		
Marktsegment	Server		
Nutzungsbedingungen	Server/Enterprise		
Maximale Anzahl der PCI-Express-Lanes	20		

Merkmale		Betriebsbedingungen	
PCI-Express-Slots-Version	5.0	Tjunction	100 °C
PCI Express Konfigurationen	2x8+1x4, 1x16+1x4	Logistikdaten	
Unterstützte Befehlssätze	AVX 2.0, SSE4.1, SSE4.2	Warentarifnummer (HS)	8542310001
Skalierbarkeit	1S	Technische Details	
CPU Konfiguration (max)	1	Startdatum	Q4'23
Eingebettete Optionen verfügbar	✘	Status	Launched
Exportkontroll-Klassifizierungsnummer (ECCN)	5A992C	Instandhaltungsstatus	Baseline Servicing
		Sonstige Funktionen	
		RAM-Speicher maximal	128 GB



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