

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

Merk : Intel

Productfamilie: Xeon

Artikelcode: BX80715E2478

Productnaam : E-2478



Intel Xeon E-2478. Processorfamilie: Intel Xeon E, Processor socket: LGA 1700, Processorfabrikant: Intel. Geheugen kanaal: Dubbelkanaals, Maximaal intern geheugen ondersteund door processor: 128 GB, Geheugentypen ondersteund door processor: DDR5-SDRAM. Marktsegment: Server, Gebruiksvoorwaarden: Server/Enterprise, PCI Express configuraties: 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, Microprocessor PCIe Revision: Gen 5. Maximum intern geheugen: 128 GB



Processor		Kenmerken	
Processorfabrikant *	Intel	Commodity Classification	
Processormodel *	E-2478	Automated Tracking System (CCATS)	740.17B1
Basisfrequentie processor *	2,8 GHz	<b>Processor speciale functies</b>	
Processorfamilie *	Intel Xeon E	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Aantal processorkernen *	8	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 1700	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor aantal threads	16	Enhanced Intel SpeedStep Technology	✓
Systeembus	16 GT/s	Intel® Trusted Execution Technology	✓
Processor operating modes *	64-bit	Intel® Turbo Boost Max Technology 3.0 frequency	5,2 GHz
Prestatiekernen	8	Intel® Turbo Boost Technology 2.0 frequency	5,2 GHz
Maximale turbofrequentie van processor	5,2 GHz	Intel® Transactional Synchronization Extensions	✗
Processor cache	24 MB	Intel® Total Memory Encryption	✓
Thermal Design Power (TDP)	80 W	Intel® VT-x with Extended Page Tables (EPT)	✓
Box *	✓	Intel® Secure Key	✓
Stepping	B0	Intel® OS Guard	✓
Maximum aantal DMI lanes	8	Intel® 64	✓
Codenaam processor	Raptor Lake	Intel® Virtualization Technology (VT-x)	✓
ARK ID processor	236183	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
<b>Geheugen</b>		Intel® Turbo Boost Max Technology 3.0	✓
Maximaal intern geheugen ondersteund door processor	128 GB	Intel® Boot Guard	✓
Geheugentypen ondersteund door processor	DDR5-SDRAM	Mode-based Execute Control (MBE)	✓
Geheugen kanaal *	Dubbelkanaals	Intel® Optane™ DC Persistent Memory ondersteunt	✗
ECC	✓	Intel® virtualisatietechnologie met omleidingsbescherming (VT-rp)	✓
<b>Grafisch</b>		Microprocessor PCIe Revision	Gen 5
Ingebouwde grafische adapter *	✗	Intel® totale geheugencodering - Meerdere sleutels	✓
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
<b>Kenmerken</b>			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Marktsegment	Server		
Gebruiksvoorwaarden	Server/Enterprise		
Maximaal aantal PCI Express-lijnen	20		

Kenmerken		Eisen aan de omgeving	
PCI Express slots versie	5.0	Tjunction	100 °C
PCI Express configuraties	2x8+1x4, 1x16+1x4	<b>Logistieke gegevens</b>	
Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2	Code geharmoniseerd systeem (HS)	8542310001
Schaalbaarheid	1S	<b>Technische details</b>	
CPU configuratie (max)	1	Lanceringsdatum	Q4'23
Ingebouwde opties beschikbaar	✘	Status	Launched
Export Control Classification Number (ECCN)	5A992C	Onderhoudsstatus	Baseline Servicing
		<b>Overige specificaties</b>	
		Maximum intern geheugen	128 GB



5032037279536

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: 20-MAR-2024. Prints or copies of Information are only valid on the printed Publication date