

Intel Xeon E-2414 processor 2,6 GHz 12 MB Box

Merk : Intel

Productfamilie: Xeon

Artikelcode: BX80715E2414

Productnaam : E-2414

Intel Xeon E-2414. 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 Technology 2.0 frequency: 4,5 GHz, Microprocessor PCIe Revision: Gen 5. Maximum intern geheugen: 128 GB



Processor		Kenmerken	
Processorfabrikant *	Intel	Commodity Classification	
Processormodel *	E-2414	Automated Tracking System (CCATS)	740.17B1
Basisfrequentie processor *	2,6 GHz	Processor speciale functies	
Processorfamilie *	Intel Xeon E	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Aantal processorkernen *	4	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 1700	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor aantal threads	4	Enhanced Intel SpeedStep Technology	✓
Systeembus	16 GT/s	Intel® Trusted Execution Technology	✓
Processor operating modes *	64-bit	Intel® Turbo Boost Technology 2.0 frequency	4,5 GHz
Prestatiekernen	4	Intel® Transactional Synchronization Extensions	✗
Maximale turbofrequentie van processor	4,5 GHz	Intel® Total Memory Encryption	✓
Processor cache	12 MB	Intel® VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	55 W	Intel® Secure Key	✓
Box *	✓	Intel® OS Guard	✓
Stepping	B0	Intel® 64	✓
Maximum aantal DMI lanes	8	Intel® Virtualization Technology (VT-x)	✓
Codenaam processor	Raptor Lake	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
ARK ID processor	236193	Intel® Turbo Boost Max Technology 3.0	✗
Geheugen		Intel® Boot Guard	✓
Maximaal intern geheugen ondersteund door processor	128 GB	Mode-based Execute Control (MBE)	✓
Geheugentypen ondersteund door processor	DDR5-SDRAM	Intel® Optane™ DC Persistent Memory ondersteunt	✗
Geheugen kanaal *	Dubbelkanaals	Intel® virtualisatietechnologie met omleidingsbescherming (VT-rp)	✓
ECC	✓	Microprocessor PCIe Revision	Gen 5
Grafisch		Intel® totale geheugencodering - Meerdere sleutels	✓
Ingebouwde grafische adapter *	✗	Eisen aan de omgeving	
Aparte grafische adapter *	✗	Tjunction	100 °C
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Marktsegment	Server		
Gebruiksvoorwaarden	Server/Enterprise		
Maximaal aantal PCI Express-lijnen	20		

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



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