

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

Marke : Intel

Produktfamilie: Xeon

Artikel-Code: BX80715E2414

Produktname : E-2414

Intel Xeon E-2414. 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: 4,5 GHz, Mikroprozessor PCIe Revision: Gen 5. RAM-Speicher maximal: 128 GB



| Prozessor | | Merkmale | |
|--|-------------------|--|----------|
| Prozessorhersteller * | Intel | Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS) | 740.17B1 |
| Prozessor * | E-2414 | | |
| Grundfrequenz des Prozessors * | 2,6 GHz | | |
| Prozessorfamilie * | Intel Xeon E | | |
| Anzahl Prozessorkerne * | 4 | | |
| Prozessorsockel * | LGA 1700 | | |
| Prozessor-Threads | 4 | | |
| Systembus-Rate | 16 GT/s | | |
| Prozessorbetriebsmodi * | 64-Bit | | |
| Leistungskerne | 4 | | |
| Prozessor Boost-Frequenz | 4,5 GHz | | |
| Prozessor-Cache | 12 MB | | |
| Thermal Design Power (TDP) | 55 W | | |
| Box * | ✓ | | |
| Stepping | B0 | | |
| Maximale Anzahl DMI-Spuren | 8 | | |
| Prozessor Codename | Raptor Lake | | |
| ARK Prozessorerkennung | 236193 | | |
| Speicher | | Prozessor Besonderheiten | |
| Maximaler interner Speicher, vom Prozessor unterstützt | 128 GB | Intel® Hyper-Threading-Technik (Intel® HT Technology) | ✗ |
| Speichertypen, vom Prozessor unterstützt | DDR5-SDRAM | Intel® Turbo-Boost-Technologie | 2.0 |
| Speicherkanäle * | Zweikanalig | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| ECC | ✓ | Verbesserte Intel SpeedStep Technologie | ✓ |
| Grafik | | Intel® Trusted-Execution-Technik | ✓ |
| Eingebaute Grafikkarte * | ✗ | Intel® Turbo Boost Technology 2.0 frequency | 4,5 GHz |
| Separater Grafikkarte * | ✗ | Intel® Transactional Synchronization Extensions | ✗ |
| Eingebautes Grafikkartenmodell * | Nicht verfügbar | Intel® Total Memory Encryption | ✓ |
| Separates Grafikkartenmodell * | Nicht verfügbar | Intel® VT-x mit Extended Page Tables (EPT) | ✓ |
| Merkmale | | Intel® Sicherer Schlüssel | ✓ |
| Execute Disable Bit | ✓ | Intel® OS Guard | ✓ |
| Leerlauf Zustände | ✓ | Intel® 64 | ✓ |
| Thermal-Überwachungstechnologien | ✓ | Intel® Virtualization Technologie (VT-X) | ✓ |
| Marktsegment | Server | Intel® Virtualisierungstechnik für direkte I/O (VT-d) | ✓ |
| Nutzungsbedingungen | Server/Enterprise | Intel Turbo Boost Max Technology 3.0 | ✗ |
| Maximale Anzahl der PCI-Express-Lanes | 20 | Intel® Boot Guard | ✓ |
| | | Modusbasierte Execute Control (MBE) | ✓ |
| | | Intel® Optane™ DC Persistent Memory unterstützt | ✗ |
| | | Intel® Virtualisierungstechnik mit Umleitungsschutz (VT-rp) | ✓ |
| | | Mikroprozessor PCIe Revision | Gen 5 |
| | | Intel® Total Memory Encryption - Multi Key | ✓ |
| | | Betriebsbedingungen | |
| | | Tjunction | 100 °C |

| Merkmale | | Logistikdaten | |
|--|-------------------------|----------------------------|--------------------|
| PCI-Express-Slots-Version | 5.0 | Warentarifnummer (HS) | 8542310001 |
| PCI Express Konfigurationen | 2x8+1x4, 1x16+1x4 | Technische Details | |
| 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 | ✘ | Sonstige Funktionen | |
| Exportkontroll-Klassifizierungsnummer (ECCN) | 5A992C | RAM-Speicher maximal | 128 GB |



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