# Lenovo Intel Xeon Gold 6334 Prozessor 3,6 GHz 18 MB

**Marke :** Lenovo

**Artikel-Code:** 4XG7A72950

**Produktname :** Intel Xeon Gold 6334

Lenovo Intel Xeon Gold 6334. Prozessorfamilie: Intel® Xeon®, Prozessorsockel: LGA 4189, Prozessor Lithografie: 10 nm. Speicherkanäle: Okta-Kanal, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: SSE4.2, AVX, AVX 2.0, AVX-512, Skalierbarkeit: 2S. Unterstützung der maximalen Enklavengröße für Intel® SGX: 64 GB. RAM-Speicher maximal: 6 TB

| Prozessor | |
|---|---|
| Prozessorhersteller * | Intel |
| Prozessorgeneration | Skalierbare Intel® Xeon® der 3. Generation |
| Prozessor * | 6334 |
| Grundfrequenz des Prozessors * | 3,6 GHz |
| Prozessorfamilie * | Intel® Xeon® |
| Anzahl Prozessorkerne * | 8 |
| Prozessorsockel * | LGA 4189 |
| Komponente für | Server/Arbeitsstation |
| Prozessor Lithografie * | 10 nm |
| Prozessor-Serien | Intel Xeon Gold 6000 Series |
| Prozessor-Threads | 16 |
| Systembus-Rate | 11,2 GT/s |
| Prozessorbetriebsmodi * | 64-Bit |
| Prozessor Boost-Frequenz | 3,7 GHz |
| Kerne mit hoher Priorität | 4 |
| Frequenz des Kerns mit hoher Priorität | 3,7 GHz |
| Kerne mit niedriger Priorität | 4 |
| Frequenz des Kerns mit niedriger Priorität | 3,4 GHz |
| Prozessor-Cache | 18 MB |
| Thermal Design Power (TDP) | 165 W |
| Prozessor Codename | Ice Lake |
| ARK Prozessorerkennung | 215273 |

| Speicher | |
|---|---|
| Speichertypen, vom Prozessor unterstützt | DDR4-SDRAM |
| Speicherkanäle * | Okta-Kanal |
| ECC | ✔ |

| Grafik | |
|---|---|
| Eingebaute Grafikadapter * | ✘ |
| Separater Grafikadapter * | ✘ |
| Eingebautes Grafikkartenmodell * | Nicht verfügbar |
| Separates Grafikkartenmodell * | Nicht verfügbar |

| Merkmale | |
|---|---|
| Execute Disable Bit | ✔ |
| Marktsegment | Server |
| Maximale Anzahl der PCI-Express-Lanes | 64 |
| PCI-Express-Slots-Version | 4.0 |
| Unterstützte Befehlssätze | SSE4.2, AVX, AVX 2.0, AVX-512 |

| Prozessor Besonderheiten | |
|---|---|
| Intel® Turbo-Boost-Technologie | 2.0 |
| Intel® AES New Instructions (Intel® AES-NI) | ✔ |
| Intel® Trusted-Execution-Technik | ✔ |
| Intel®-Speed-Shift-Technologie | ✔ |
| Intel® Transactional Synchronization Extensions | ✔ |
| Intel® Total Memory Encryption | ✔ |
| Intel® Crypto-Beschleunigung | ✔ |
| Unterstützung der Intel® Plattform-Firmware Resilience | ✔ |
| Unterstützung der maximalen Enklavengröße für Intel® SGX | 64 GB |
| Intel® VT-x mit Extended Page Tables (EPT) | ✔ |
| Intel® Software Guard Extensions (Intel® SGX) | ✔ |
| Intel® 64 | ✔ |
| Intel® Virtualization Technologie (VT-X) | ✔ |
| Intel® Virtualisierungstechnik für direkte I/O (VT-d) | ✔ |
| AVX-512 Abgesicherte Multiply-Add (FMA) Einheiten | 2 |
| Intel® Deep Learning Boost (Intel® DL Boost) on CPU | ✔ |
| Intel® Resource Director Technology (Intel® RDT) | ✔ |
| Intel® Volume Management Device (VMD) | ✔ |
| Intel® Run Sure Technology | ✔ |
| Modusbasierte Execute Control (MBE) | ✔ |
| Intel® Optane™ DC Persistent Memory unterstützt | ✔ |

| Betriebsbedingungen | |
|---|---|
| Tcase | 69 °C |

| Technische Details | |
|---|---|
| Zielmarkt | Cloud Computing |
| Startdatum | Q2'21 |
| Status | Launched |
| Unterstützte Arbeitsspeicher | DDR4-SDRAM |
| Speichergeschwindigkeit (max.) | 3200 MHz |
| Anzahl der UPI-Links | 3 |

| Merkmale | |
|---|---|
| Skalierbarkeit | 2S |
| Exportkontroll-Klassifizierungsnummer (ECCN) | 5A992CN3 |
| Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS) | G178966 |

| Prozessor Besonderheiten | |
|---|---|
| Intel® Hyper-Threading-Technik (Intel® HT Technology) | ✔ |

| Technische Details | |
|---|---|
| Instandhaltungsstatus | Baseline Servicing |

| Logistikdaten | |
|---|---|
| Warentarifnummer (HS) | 85423119 |

| Sonstige Funktionen | |
|---|---|
| RAM-Speicher maximal | 6 TB |

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