# Lenovo Intel Xeon Platinum 8352Y Prozessor 2,2 GHz 48 MB

**Marke :** Lenovo

**Artikel-Code:** 4XG7A63530

**Produktname :** Intel Xeon Platinum 8352Y

Lenovo Intel Xeon Platinum 8352Y. Prozessorfamilie: Intel® Xeon® Platinum, Prozessorsockel: LGA 4189, Prozessor Lithografie: 10 nm. Speicherkanäle: Okta-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 6 TB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX, AVX 2.0, AVX-512, SSE4.2, Skalierbarkeit: 2S. Unterstützung der maximalen Enklavengröße für Intel® SGX: 64 GB

| Prozessor | |
|---|---|
| Prozessorhersteller * | Intel |
| Prozessorgeneration | Skalierbare Intel® Xeon® der 3. Generation |
| Prozessor * | 8352Y |
| Grundfrequenz des Prozessors * | 2,2 GHz |
| Prozessorfamilie * | Intel® Xeon® Platinum |
| Anzahl Prozessorkerne * | 32 |
| Prozessorsockel * | LGA 4189 |
| Prozessor Lithografie * | 10 nm |
| Prozessor-Serien | Intel Xeon Platinum 8000 Series |
| Prozessor-Threads | 64 |
| Systembus-Rate | 11,2 GT/s |
| Prozessorbetriebsmodi * | 64-Bit |
| Prozessor Boost-Frequenz | 3,4 GHz |
| Kerne mit hoher Priorität | 12 |
| Frequenz des Kerns mit hoher Priorität | 2,4 GHz |
| Kerne mit niedriger Priorität | 20 |
| Frequenz des Kerns mit niedriger Priorität | 2 GHz |
| Prozessor-Cache | 48 MB |
| Thermal Design Power (TDP) | 205 W |
| Kühler enthalten * | ✗ |
| Bus Typ | UPI |
| Prozessor Codename | Ice Lake |

| Speicher | |
|---|---|
| Maximaler interner Speicher, vom Prozessor unterstützt | 6 TB |
| Speichertypen, vom Prozessor unterstützt | DDR4-SDRAM |
| Speichertaktraten, vom Prozessor unterstützt | 3200 MHz |
| Speicherkanäle * | Okta-Kanal |
| ECC | ✓ |

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

| Prozessor Besonderheiten | |
|---|---|
| Intel® Hyper-Threading-Technik (Intel® HT Technology) | ✓ |
| 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® Speed Select-Technologie - Leistungsprofil (Intel® SST-PP) | ✓ |
| 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 | ✓ |
| Intel® Speed Select Technology - Base Frequency (Intel® SST-BF) | ✓ |
| Intel® Speed Select-Technologie – Kernleistung | ✓ |

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

| Prozessor Besonderheiten | |
|---|---|
| Intel® Speed Select-Technologie – Turbofrequenz | ✔ |

| Betriebsbedingungen | |
|---|---|
| Tcase | 81 °C |



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**Catalog Object Cloud**



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