# Lenovo Intel Xeon Gold 6240L Prozessor 2,6 GHz 25 MB L3




**Marke :** Lenovo

**Artikel-Code:** 4XG7A37064

**Produktname :** Intel Xeon Gold 6240L

Lenovo Intel Xeon Gold 6240L. Prozessorfamilie: Intel® Xeon® Gold, Prozessorsockel: LGA 3647 (Socket P), Prozessor Lithografie: 14 nm. Speicherkanäle: Hexa-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 4,5 TB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX-512, Skalierbarkeit: 4S

| Prozessor | |
|---|---|
| Prozessorhersteller * | Intel |
| Prozessorgeneration | Skalierbare Intel® Xeon® der 2. Generation |
| Prozessor * | 6240L |
| Grundfrequenz des Prozessors * | 2,6 GHz |
| Prozessorfamilie * | Intel® Xeon® Gold |
| Anzahl Prozessorkerne * | 18 |
| Prozessorsockel * | LGA 3647 (Socket P) |
| Komponente für | Server/Arbeitsstation |
| Prozessor Lithografie * | 14 nm |
| Prozessor-Serien | Intel Xeon Gold 6000 Series |
| Prozessor-Threads | 36 |
| Prozessorbetriebsmodi * | 64-Bit |
| Prozessor Boost-Frequenz | 3,9 GHz |
| Prozessor-Cache | 25 MB |
| Prozessor Cache Typ | L3 |
| Thermal Design Power (TDP) | 150 W |
| Stepping | B1 |
| Bus Typ | UPI |
| Prozessor Codename | Cascade Lake |

| Speicher | |
|---|---|
| Maximaler interner Speicher, vom Prozessor unterstützt | 4,5 TB |
| Speichertypen, vom Prozessor unterstützt | DDR4-SDRAM |
| Speichertaktraten, vom Prozessor unterstützt | 2933 MHz |
| Speicherkanäle * | Hexa-Kanal |
| ECC | ✔ |

| Grafik | |
|---|---|
| Eingebaute Grafikadapter * | ✘ |
| Separater Grafikadapter * | ✘ |

| Merkmale | |
|---|---|
| Execute Disable Bit | ✔ |
| Marktsegment | Server |
| Maximale Anzahl der PCI-Express-Lanes | 48 |
| PCI-Express-Slots-Version | 3.0 |
| Unterstützte Befehlssätze | AVX-512 |
| Skalierbarkeit | 4S |
| Eingebettete Optionen verfügbar | ✘ |

| Prozessor Besonderheiten | |
|---|---|
| Intel® Hyper-Threading-Technik (Intel® HT Technology) | ✔ |
| Intel® Turbo-Boost-Technologie | 2.0 |
| Intel® AES New Instructions (Intel® AES-NI) | ✔ |
| Verbesserte Intel SpeedStep Technologie | ✔ |
| Intel® Trusted-Execution-Technik | ✔ |
| Intel®-Speed-Shift-Technologie | ✔ |
| Intel® VT-x mit Extended Page Tables (EPT) | ✔ |
| Intel® TSX-NI | ✔ |
| Intel® 64 | ✔ |
| Intel® Virtualization Technologie (VT-X) | ✔ |
| Intel® Virtualisierungstechnik für direkte I/O (VT-d) | ✔ |
| Intel Turbo Boost Max Technology 3.0 | ✘ |
| 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® vPro™ Platform Eligibility | ✔ |
| Intel® Speed Select Technology - Base Frequency (Intel® SST-BF) | ✘ |

| Betriebsbedingungen | |
|---|---|
| Tcase | 85 °C |

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