# Lenovo Intel Xeon E5-2697 v3 Prozessor 2,6 GHz 35 MB L3




**Marke :** Lenovo

**Artikel-Code:** 00KG039

**Produktname :** Intel Xeon E5-2697 v3

Intel Xeon E5-2697 v3, 2.6 GHz (3.6 GHz Turbo), 35 MB Cache, 9.6 GT/s, 22 nm, 64-bit
Lenovo Intel Xeon E5-2697 v3. Prozessorfamilie: Intel® Xeon® E5 v3, Prozessorsockel: LGA 2011-v3, Prozessor Lithografie: 22 nm. Speicherkanäle: Vierfach-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 768 GB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX 2.0, Skalierbarkeit: 2S. Intel® Virtualisierungstechnik (Intel® VT): VT-d, VT-x

| **Prozessor** | |
|---|---|
| Prozessor * | E5-2697V3 |
| Grundfrequenz des Prozessors * | 2,6 GHz |
| Prozessorfamilie * | Intel® Xeon® E5 v3 |
| Anzahl Prozessorkerne * | 14 |
| Prozessorsockel * | LGA 2011-v3 |
| Komponente für | Server/Arbeitsstation |
| Prozessor Lithografie * | 22 nm |
| Prozessor-Threads | 28 |
| Systembus-Rate | 9,6 GT/s |
| Prozessorbetriebsmodi * | 64-Bit |
| Prozessor Boost-Frequenz | 3,6 GHz |
| Prozessor-Cache | 35 MB |
| Prozessor Cache Typ | L3 |
| Thermal Design Power (TDP) | 145 W |
| VID Spannungsbereich | 0,65 - 1,30 V |
| FSB Gleichwertigkeit | ✔ |
| Bus Typ | QPI |
| Anzahl der QPI links | 2 |
| Durch den Prozessor (max) unterstützte Speicherbandbreite | 68 GB/s |
| Prozessor Codename | Haswell |

| **Speicher** | |
|---|---|
| Maximaler interner Speicher, vom Prozessor unterstützt | 768 GB |
| Speichertypen, vom Prozessor unterstützt | DDR4-SDRAM |
| Speichertaktraten, vom Prozessor unterstützt | 1600,1866,2133 MHz |
| Speicherkanäle * | Vierfach-Kanal |
| ECC | ✔ |

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

| **Merkmale** | |
|---|---|
| Execute Disable Bit | ✔ |
| Leerlauf Zustände | ✔ |
| Thermal-Überwachungstechnologien | ✔ |
| Marktsegment | Server |

| **Merkmale** | |
|---|---|
| Maximale Anzahl der PCI-Express-Lanes | 40 |
| PCI-Express-Slots-Version | 3.0 |
| Unterstützte Befehlssätze | AVX 2.0 |
| Skalierbarkeit | 2S |
| Eingebettete Optionen verfügbar | ✘ |

| **Prozessor Besonderheiten** | |
|---|---|
| Intel® Hyper-Threading-Technik (Intel® HT Technology) | ✔ |
| Intel® Identity-Protection-Technologie (Intel® IPT) | ✘ |
| Intel® Turbo-Boost-Technologie | 2.0 |
| Intel® Flex Memory Access | ✘ |
| Intel® Smart Cache | ✔ |
| Intel® AES New Instructions (Intel® AES-NI) | ✔ |
| Verbesserte Intel SpeedStep Technologie | ✔ |
| Intel® Trusted-Execution-Technik | ✔ |
| Intel® VT-x mit Extended Page Tables (EPT) | ✔ |
| Intel® Demand Based Switching | ✔ |
| Intel® Sicherer Schlüssel | ✔ |
| Intel® TSX-NI | ✘ |
| Intel® Virtualization Technologie (VT-X) | ✔ |
| Intel® Virtualisierungstechnik für direkte I/O (VT-d) | ✔ |
| Intel® vPro™ Platform Eligibility | ✔ |

| **Betriebsbedingungen** | |
|---|---|
| Tcase | 76,7 °C |

| **Sonstige Funktionen** | |
|---|---|
| Intel® Virtualisierungstechnik (Intel® VT) | VT-d, VT-x |

**Catalog Object Cloud**



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