Lenovo Intel Xeon Platinum 8352M Prozessor 2,3 GHz 48 MB

Marke : Lenovo **Artikel-Code:** 4XG7A63657

Produktname : Intel Xeon Platinum 8352M

Lenovo Intel Xeon Platinum 8352M. Prozessorfamilie: Intel® Xeon® Platinum, 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 *	8352M
Grundfrequenz des Prozessors *	2,3 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	3,5 GHz
Prozessor-Cache	48 MB
Thermal Design Power (TDP)	185 W
Kühler enthalten *	✗
Prozessor Codename	Ice Lake
ARK Prozessorerkennung	217215

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
Skalierbarkeit	2S
Exportkontroll-Klassifizierungsnummer (ECCN)	5A992CN3

Prozessor Besonderheiten	
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	✓

Betriebsbedingungen	
Tcase	77 °C

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

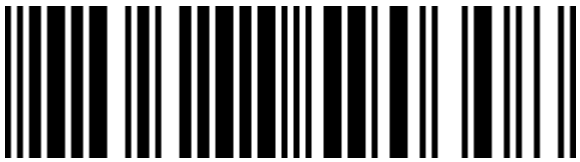
Merkmale	
Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	G178966

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	✔

Technische Details	
Instandhaltungsstatus	Baseline Servicing

Logistikdaten	
Warentarifnummer (HS)	85423119

Sonstige Funktionen	
RAM-Speicher maximal	6 TB



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