Lenovo Intel Xeon 6505P Prozessor 2,2 GHz 48 MB L3



Marke : Lenovo

Artikel-Code: 4XG7B03703

Produktname : Intel Xeon 6505P

Lenovo Intel Xeon 6505P. Prozessorfamilie: Intel® Xeon®, Prozessorsockel: LGA 4710, Prozessorhersteller: Intel. Speicherkanäle: Okta-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 4 TB, Speichertypen, vom Prozessor unterstützt: DDR5-SDRAM. Skalierbarkeit: 2S

Prozessor	
Prozessorhersteller *	Intel
Prozessor *	6505P
Grundfrequenz des Prozessors *	2,2 GHz
Prozessorfamilie *	Intel® Xeon®
Anzahl Prozessorkerne *	12
Prozessorsockel *	LGA 4710
Prozessor-Threads	24
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	3,9 GHz
Prozessor-Cache	48 MB
Prozessor Cache Typ	L3
Thermal Design Power (TDP)	150 W
Kühler enthalten *	✗

Speicher	
Maximaler interner Speicher, vom Prozessor unterstützt	4 TB
Speichertypen, vom Prozessor unterstützt	DDR5-SDRAM
Speichertaktraten, vom Prozessor unterstützt	6400 MHz
Speicherkanäle *	Okta-Kanal
ECC	✓

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

Merkmale	
Execute Disable Bit	✓
Maximale Anzahl der PCI-Express-Lanes	88
PCI-Express-Slots-Version	5.0
Skalierbarkeit	2S

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

Prozessor Besonderheiten	
Intel® Trusted-Execution-Technik	✓
Intel®-Speed-Shift-Technologie	✓
Intel® Transactional Synchronization Extensions	✓
Intel® Total Memory Encryption	✓
Intel® Control-flow Enforcement Technology (CET)	✓
Intel® Crypto-Beschleunigung	✓
Unterstützung der Intel® Plattform-Firmware Resilience	✓
Intel® Trust Domain Extensions (Intel® TDX)	✓
Intel® VT-x mit Extended Page Tables (EPT)	✓
Intel® Sicherer Schlüssel	✓
Intel® QuickAssist-Technik	✓
Intel® Software Guard Extensions (Intel® SGX)	✓
Intel® 64	✓
Intel® Virtualization Technologie (VT-X)	✓
Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Intel® Boot Guard	✓
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® Total Memory Encryption - Multi Key	✓
Intel® QuickAssist Software Acceleration	✓
Intel® Advanced Matrix Extensions (AMX)	✓

Prozessor Besonderheiten	
Intel® Turbo-Boost-Technologie	2.0
Intel® AES New Instructions (Intel® AES-NI)	✔

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