

Lenovo

Lenovo 4XG7A14812 suoritin 2,1 GHz 11 MB Smart Cache

Tuotemerkki : Lenovo

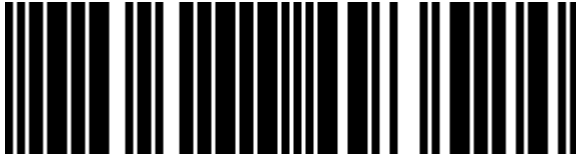
Tuotekoodi: 4XG7A14812

Tuotteen nimi : 4XG7A14812

Lenovo 4XG7A14812. Suoritinperhe: Intel® Xeon Silver, Prosessorin kanta: LGA 3647 (Socket P), Prosessorin litografia: 14 nm. Muistikanavat: Hexa-kanava, Prosessorin tukema suurin sisäinen muisti: 1 TB, Prosessorin tukemat muistityypit: DDR4-SDRAM. Markkinasegmentti: Palvelin, Tuetut ohjepaketit: AVX-512, Skaalautuvuus: 2S. Prosessorin pakkauskoko: 76 x 56.5 mm. Yhteensopivuus: ThinkSystem ST550



Prosessori		Ominaisuudet	
Prosessorisukupolvi	Intel Xeon Scalable 2nd Gen	PCI Express korttipaikan versio	3.0
Prosessorimalli *	4208	Tuetut ohjepaketit	AVX-512
Prosessorin perustaajuus *	2,1 GHz	Skaalautuvuus	2S
Suoritinperhe *	Intel® Xeon Silver	Saatavilla olevat upotetut vaihtoehdot	✗
Prosessorin ytimet *	8	Suorittimen erityispiirteet	
Prosessorin kanta *	LGA 3647 (Socket P)	Intel® Hyper-Threading -teknologia (Intel® HT Technology)	✓
Komponentti (tuotteelle)	Palvelin/työasema	Intel® Turbo Boost -teknologia	2.0
Prosessorin litografia *	14 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Prosessorisarja	Intel Xeon Silver 4000 Series	Enhanced Intel SpeedStep Technology	✓
Prosessorin säikeet	16	Intel® Trusted Execution -teknologia	✓
Prosessorin käyttötilat *	64-bittinen	Intel® Speed Shift -teknologia	✓
Suorittimen boost-taajuus	3,2 GHz	Intel® VT-x, jossa Extended Page Tables (EPT)	✓
Prosessorin välimuisti	11 MB	Intel® TSX-NI	✓
Prosessorin välimuistityyppi	Smart Cache	Intel® 64	✓
Thermal Design Power (TDP)	85 W	Intel® Virtualization Technology (VT-x)	✓
Väylätyyppi	UPI	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Prosessorin koodinimi	Cascade Lake	Intel Turbo Boost Max Technology 3.0	✗
Muisti		Intel® vPro™ -alustakelpoinen	✓
Prosessorin tukema suurin sisäinen muisti	1 TB	Ympäristöolosuhteet	
Prosessorin tukemat muistityypit	DDR4-SDRAM	Tcase	78 °C
Prosessorin tukemat muistin kellonopeudet	2400 MHz	Logistiikkatiedot	
Muistikanavat *	Hexa-kanava	Harmonoidun järjestelmän nimikkeistökoodi (HS)	85423119
ECC	✓	Paino ja mitat	
Grafiikka		Prosessorin pakkauskoko	76 x 56.5 mm
Sisäinen näytönohjain *	✗	Muut ominaisuudet	
Erillinen grafiikka-adapteri *	✗	Yhteensopivuus	ThinkSystem ST550
Sisältyvän näytönohjaimen malli *	Ei saatavilla		
Erillisen näytönohjaimen malli *	Ei saatavilla		
Ominaisuudet			
Execute Disable Bit	✓		
Markkinasegmentti	Palvelin		
PCI Express -väylien enimmäismäärä	48		



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