

Lenovo

Lenovo Intel Xeon Gold 6230R suoritin 2,1 GHz 35,75 MB

Tuotemerkki : Lenovo

Tuotekoodi: 4XG7A37075

Tuotteen nimi : Intel Xeon Gold 6230R

Lenovo Intel Xeon Gold 6230R. Suoritinperhe: Intel® Xeon® Gold, Prosessorin kanta: LGA 3647 (Socket P), Prosessorin litografia: 14 nm. Muistikanavat: Hexa-kanava, Prosessorin tukema suurin sisäinen muisti: 1,02 TB, Prosessorin tukemat muistityypit: DDR4-SDRAM. Markkinasegmentti: Palvelin, Tuetut ohjepaketit: AVX, AVX 2.0, AVX-512, SSE4.2, Skaalautuvuus: 2S



Prosessori		Ominaisuudet	
Suoritinvalmistaja *	Intel	PCI Express CEM -versio	3.0
Prosessorisukupolvi	Intel Xeon Scalable 2nd Gen	Suorittimen erityispiirteet	
Prosessorimalli *	6230R	Intel® Hyper-Threading -teknologia (Intel® HT Technology)	✓
Prosessorin perustaajuus *	2,1 GHz	Intel® Turbo Boost -teknologia	2.0
Suoritinperhe *	Intel® Xeon® Gold	Intel® AES New Instructions (Intel® AES-NI)	✓
Prosessorin ytimet *	26	Enhanced Intel SpeedStep Technology	✓
Prosessorin kanta *	LGA 3647 (Socket P)	Intel® Trusted Execution -teknologia	✓
Komponentti (tuotteelle)	Palvelin/työasema	Intel® Speed Shift -teknologia	✓
Prosessorin litografia *	14 nm	Intel® VT-x, jossa Extended Page Tables (EPT)	✓
Prosessorisarja	Intel Xeon Gold 6000 Series	Intel® 64	✓
Prosessorin säikeet	52	Intel® Virtualization Technology (VT-x)	✓
Prosessorin käyttötilat *	64-bittinen	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Suorittimen boost-taajuus	4 GHz	Intel Turbo Boost Max Technology 3.0	✗
Prosessorin välimuisti	35,75 MB	AVX-512 sulautettu kerto- ja lisäyksyköt (FMA)	2
Thermal Design Power (TDP)	150 W	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Prosessorin koodinimi	Cascade Lake	Intel® nopeuden valinta -teknologia - suorituskykyprofiili (Intel® SST-PP)	✗
Muisti		Intel® Resource Director Technology (Intel® RDT)	✓
Prosessorin tukema suurin sisäinen muisti	1,02 TB	Intel® äänenhallintalaite (VMD)	✓
Prosessorin tukemat muistityypit	DDR4-SDRAM	Intel® Run Sure Technology	✓
Prosessorin tukemat muistin kellonopeudet	2933 MHz	Mode-based Execute Control (MBE)	✓
Muistikanavat *	Hexa-kanava	Intel® Optane™ DC Persistent -muisti tuettu	✓
ECC	✓	Intel® vPro™ -alustakelpoinen	✓
Grafiikka		Intel® nopeuden valinta -teknologia - perustaajuus (Intel® SST-BF)	✗
Sisäinen näytönohjain *	✗	Ympäristöolosuhteet	
Erillinen grafiikka-adapteri *	✗	Tcase	85 °C
Sisältyvän näytönohjaimen malli *	Ei saatavilla		
Erillisen näytönohjaimen malli *	Ei saatavilla		
Ominaisuudet			
Execute Disable Bit	✓		
Markkinasegmentti	Palvelin		
PCI Express -väylien enimmäismäärä	48		
PCI Express korttipaikan versio	3.0		
Tuetut ohjepaketit	AVX, AVX 2.0, AVX-512, SSE4.2		
Skaalautuvuus	2S		
Saatavilla olevat upotetut vaihtoehdot	✓		



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