

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



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	2nd Generation Intel® Xeon® Scalable	Intel® Turbo Boost Technology	2.0
Processor model *	6230R	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor base frequency *	2.1 GHz	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Xeon® Gold	Intel Trusted Execution Technology	✓
Processor cores *	26	Intel® Speed Shift Technology	✓
Processor socket *	LGA 3647 (Socket P)	Intel VT-x with Extended Page Tables (EPT)	✓
Component for	Server/workstation	Intel 64	✓
Processor lithography *	14 nm	Intel Virtualization Technology (VT-x)	✓
Processor series	Intel Xeon Gold 6000 Series	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor threads	52	Intel Turbo Boost Max Technology 3.0	✗
Processor operating modes *	64-bit	AVX-512 Fused Multiply-Add (FMA) units	2
Processor boost frequency	4 GHz	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Processor cache	35.75 MB	Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✗
Thermal Design Power (TDP)	150 W	Intel® Resource Director Technology (Intel® RDT)	✓
Processor codename	Cascade Lake	Intel® Volume Management Device (VMD)	✓
Memory		Intel® Run Sure Technology	✓
Maximum internal memory supported by processor	1.02 TB	Mode-based Execute Control (MBE)	✓
Memory types supported by processor	DDR4-SDRAM	Intel® Optane™ DC Persistent Memory Supported	✓
Memory clock speeds supported by processor	2933 MHz	Intel® vPro™ Platform Eligibility	✓
Memory channels *	Hexa-channel	Intel® Speed Select Technology - Base Frequency (Intel® SST-BF)	✗
ECC	✓	Operational conditions	
Graphics		Tcase	85 °C
On-board graphics card *	✗		
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		
Features			
Execute Disable Bit	✓		
Market segment	Server		
Maximum number of PCI Express lanes	48		
PCI Express slots version	3.0		
Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2		
Scalability	2S		
Embedded options available	✓		
PCI Express CEM revision	3.0		



0889488518753



889488518753

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.