Lenovo Intel Xeon Gold 6230 processor 2.1 GHz 28 MB L3



Brand : Lenovo

Product code: 4XG7A37890

Product name : Intel Xeon Gold 6230

Intel Xeon Gold 6230, 28M Cache, 2.1 GHz, 125 W TDP, FCLGA3647

Lenovo Intel Xeon Gold 6230 processor 2.1 GHz 28 MB L3:

The SR630 server supports one or two Intel Xeon Bronze, Silver, Gold, or Platinum processors. Lenovo Intel Xeon Gold 6230. Processor family: Intel® Xeon® Gold, Processor socket: LGA 3647 (Socket P), Processor lithography: 14 nm. Memory channels: Hexa-channel, Maximum internal memory supported by processor: 1 TB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX-512, Scalability: 4S. Compatibility: ThinkSystem SR530/SR570/SR630

Processor	
Processor generation	2nd Generation Intel® Xeon® Scalable
Processor model *	6230
Processor base frequency *	2.1 GHz
Processor family *	Intel® Xeon® Gold
Processor cores *	20
Processor socket *	LGA 3647 (Socket P)
Component for	Server/workstation
Processor lithography *	14 nm
Processor series	Intel Xeon Gold 6000 Series
Processor threads	40
Processor operating modes *	64-bit
Processor boost frequency	3.9 GHz
Processor cache	28 MB
Processor cache type	L3
Thermal Design Power (TDP)	125 W
Cooler included *	✗
Stepping	B1
Bus type	UPI
Processor codename	Cascade Lake

Memory	
Maximum internal memory supported by processor	1 TB
Memory types supported by processor	DDR4-SDRAM
Memory clock speeds supported by processor	2933 MHz
Memory channels *	Hexa-channel
ECC	✓

Graphics	
On-board graphics card *	✗
Discrete graphics card *	✗

Features	
Execute Disable Bit	✓
Market segment	Server
Maximum number of PCI Express lanes	48
PCI Express slots version	3.0
Supported instruction sets	AVX-512
Scalability	4S

Features	
Intel® Optane™ Memory module included	✓

Processor special features	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Intel® Turbo Boost Technology	2.0
Intel® AES New Instructions (Intel® AES-NI)	✓
Enhanced Intel SpeedStep Technology	✓
Intel Trusted Execution Technology	✓
Intel® Speed Shift Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel TSX-NI	✓
Intel 64	✓
Intel Virtualization Technology (VT-x)	✓
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Turbo Boost Max Technology 3.0	✗
AVX-512 Fused Multiply-Add (FMA) units	2
Intel® vPro™ Platform Eligibility	✓

Operational conditions	
Tcase	87 °C

Logistics data	
Harmonized System (HS) code	85423119

Technical details	
Intel® Run Sure Technology version	✓
Intel® Volume Management Device (VMD) version	✓
Mode-based Execute Control (MBE) version	✓
Number of UPI links	3

Other features	
Compatibility	ThinkSystem SR530/SR570/SR630

Features	
Embedded options available	✔



0889488497461



889488497461



8894884974616

Catalog Object Cloud



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.

Publication date: 28-APR-2026. Prints or copies of Information are only valid on the printed Publication date