

Fujitsu Intel Xeon Gold 6242 processor 2.8 GHz 22 MB L3

Brand : Fujitsu

Product code: S26361-F4082-L342

Product name : Intel Xeon Gold 6242

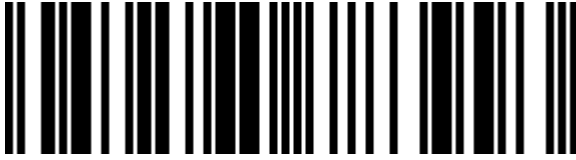


Intel Xeon Gold 6242, 22M Cache, 2.8 GHz, 150 W TDP, FCLGA3647

Fujitsu Intel Xeon Gold 6242. 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: PRIMERGY RX2530 M4



Processor		Features	
Processor generation	2nd Generation Intel® Xeon® Scalable	Intel® Optane™ Memory module included	✓
Processor model *	6242	Processor special features	
Processor base frequency *	2.8 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Xeon® Gold	Intel® Turbo Boost Technology	2.0
Processor cores *	16	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket *	LGA 3647 (Socket P)	Enhanced Intel SpeedStep Technology	✓
Component for	Server/workstation	Intel Trusted Execution Technology	✓
Processor lithography *	14 nm	Intel® Speed Shift Technology	✓
Processor series	Intel Xeon Gold 6000 Series	Intel VT-x with Extended Page Tables (EPT)	✓
Processor threads	32	Intel TSX-NI	✓
Processor operating modes *	64-bit	Intel 64	✓
Processor boost frequency	3.9 GHz	Intel Virtualization Technology (VT-x)	✓
Processor cache	22 MB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache type	L3	Intel Turbo Boost Max Technology 3.0	✗
Thermal Design Power (TDP)	150 W	AVX-512 Fused Multiply-Add (FMA) units	2
Cooler included *	✗	Intel® Volume Management Device (VMD)	✓
Stepping	B1	Mode-based Execute Control (MBE)	✓
Bus type	UPI	Intel® vPro™ Platform Eligibility	✓
Processor codename	Cascade Lake	Operational conditions	
Memory		Tcase	85 °C
Maximum internal memory supported by processor	1 TB	Technical details	
Memory types supported by processor	DDR4-SDRAM	Intel® Run Sure Technology version	✓
Memory clock speeds supported by processor	2933 MHz	Number of UPI links	3
Memory channels *	Hexa-channel	Other features	
ECC	✓	Compatibility	PRIMERGY RX2530 M4
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		
Embedded options available	✗		



4059595783993

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.