

Fujitsu Intel Xeon Gold 5215L processor 2.5 GHz 14 MB L3

Brand : Fujitsu

Product code: S26361-F4082-L215

Product name : Intel Xeon Gold 5215L

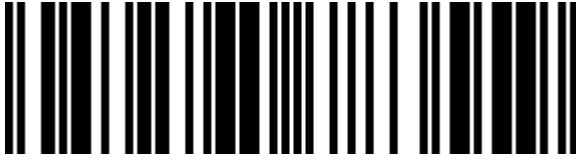


Intel Xeon Gold 5215L, 14M Cache, 2.5 GHz, 85 W TDP, FCLGA3647

Fujitsu Intel Xeon Gold 5215L. 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: 4.5 TB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX-512, Scalability: 4S. Compatibility: PRIMERGY RX2540 M5



Processor		Features	
Processor generation	2nd Generation Intel® Xeon® Scalable	Intel® Optane™ Memory module included	✓
Processor model *	5215L	Processor special features	
Processor base frequency *	2.5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Xeon® Gold	Intel® Turbo Boost Technology	2.0
Processor cores *	10	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 5000 Series	Intel VT-x with Extended Page Tables (EPT)	✓
Processor threads	20	Intel TSX-NI	✓
Processor operating modes *	64-bit	Intel 64	✓
Processor boost frequency	3.4 GHz	Intel Virtualization Technology (VT-x)	✓
Processor cache	14 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)	85 W	AVX-512 Fused Multiply-Add (FMA) units	1
Cooler included *	✗	Intel® Volume Management Device (VMD)	✓
Stepping	L1	Mode-based Execute Control (MBE)	✓
Bus type	UPI	Intel® vPro™ Platform Eligibility	✓
Processor codename	Cascade Lake	Operational conditions	
Memory		Tcase	77 °C
Maximum internal memory supported by processor	4.5 TB	Technical details	
Memory types supported by processor	DDR4-SDRAM	Intel® Run Sure Technology version	✓
Memory clock speeds supported by processor	2667 MHz	Number of UPI links	2
Memory channels *	Hexa-channel	Other features	
ECC	✓	Compatibility	PRIMERGY RX2540 M5
Graphics		Features	
On-board graphics card *	✗	Execute Disable Bit	✓
Discrete graphics card *	✗	Market segment	Server
Features		Maximum number of PCI Express lanes	45
Execute Disable Bit	✓	PCI Express slots version	3.0
Market segment	Server	Supported instruction sets	AVX-512
Maximum number of PCI Express lanes	45	Scalability	4S
PCI Express slots version	3.0	Embedded options available	✗
Supported instruction sets	AVX-512		
Scalability	4S		
Embedded options available	✗		



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