

## Huawei Xeon Intel Gold 6126 processor 2,60 GHz 19,3 MB L3

**Brand :** Huawei

**Product family:** Xeon

**Product code:** 02311XGE

**Product name :** Intel Xeon  
Gold 6126



Xeon Gold 6126 Processor (19.25M Cache, 2.60 GHz)

Huawei Xeon Intel Gold 6126. 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: 768 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX, AVX 2.0, AVX-512, SSE4.2, Scalability: S4S. Processor package size: 76.0 x 56.5 mm. Maximum internal memory: 786432 MB

Processor		Features	
Processor manufacturer *	Intel	Embedded options available	✓
Processor generation	1st Generation Intel® Xeon® Scalable	<b>Processor special features</b>	
Processor model *	6126	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor base frequency *	2,60 GHz	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Xeon® Gold	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cores *	12	Enhanced Intel SpeedStep Technology	✓
Processor socket *	LGA 3647 (Socket P)	Intel Trusted Execution Technology	✓
Component for	Server/workstation	Intel® Speed Shift Technology	✓
Processor lithography *	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor threads	24	Intel TSX-NI	✓
Processor operating modes *	64-bit	Intel 64	✓
Processor boost frequency	3,70 GHz	Intel Virtualization Technology (VT-x)	✓
Processor cache	19,3 MB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache type	L3	Conflict-Free processor	✓
Thermal Design Power (TDP)	125 W	Intel Turbo Boost Max Technology 3.0	✗
Stepping	H0	Intel® Optane™ Memory Ready	✗
Processor codename	Skylake	Intel® vPro™ Platform Eligibility	✓
Processor code	SR3B3	<b>Operational conditions</b>	
Processor ARK ID	120483	Tcase	86 °C
<b>Memory</b>		<b>Technical details</b>	
Maximum internal memory supported by processor	768 GB	Processor cache	19712 KB
Memory types supported by processor	DDR4-SDRAM	Product type	4
Memory clock speeds supported by processor	2666 MHz	Status	Launched
Memory channels *	Hexa-channel	Product family	Intel Xeon Processors
ECC	✓	<b>Weight &amp; dimensions</b>	
<b>Graphics</b>		Processor package size	76.0 x 56.5 mm
On-board graphics card *	✗	<b>Other features</b>	
On-board graphics card model *	Not available	Maximum internal memory	786432 MB
<b>Features</b>			
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		

**Features**

Scalability	S4S
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## Catalog Object Cloud



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