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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Intel® Xeon® Gold 5119T Processor

19.25M Cache, 1.90 GHz

Spec Code

SR3MN

Ordering Code

CD8067303567703

## Intel® Xeon® Gold 5119T Processor (19.25M Cache, 1.90 GHz)

Code Name	Skylake
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### **Essentials**

Vertical Segment	Server
Processor Number	5119T
Status	Launched
Launch Date	Q3'17
Lithography	14 nm
Recommended Customer Price	\$1,555.00

### **Performance**

# of Cores	14
# of Threads	28
Processor Base Frequency	1.90 GHz
Max Turbo Frequency	3.20 GHz
Cache	19.25 MB L3
# of UPI Links	2
TDP	85 W

### **Supplemental Information**

Embedded Options Available	Yes
Conflict Free	Yes
Datasheet	<a href="#">Link</a>
Product Brief	<a href="#">Link</a>

### **Memory Specifications**

Max Memory Size (dependent on memory type)	768 GB
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Memory Types	DDR4-2400
Maximum Memory Speed	2400 MHz
Max # of Memory Channels	6
ECC Memory Supported ‡	Yes
<b>Expansion Options</b>	
Scalability	S4S
PCI Express Revision	3
Max # of PCI Express Lanes	48
<b><u>Package Specifications</u></b>	
Sockets Supported	FCLGA3647
T <sub>CASE</sub>	90°C
Package Size	76.0mm x 56.5mm
Low Halogen Options Available	See MDDS
<b><u>Advanced Technologies</u></b>	
Intel® Optane™ Memory Supported ‡	No
Intel® Speed Shift Technology	Yes
Intel® Turbo Boost Max Technology 3.0 ‡	No
Intel® Turbo Boost Technology	2
Intel® vPro™ Technology ‡	Yes
Intel® Hyper-Threading Technology ‡	Yes
Intel® Virtualization Technology (VT-x) ‡	Yes
Intel® TSX-NI	Yes
Intel® 64 ‡	Yes
Instruction Set Extensions	Intel® SSE4.2, Intel® AVX, Intel® AVX2, Intel® AVX-512
# of AVX-512 FMA Units	1
Enhanced Intel SpeedStep® Technology	Yes
Intel® Volume Management Device (VMD)	Yes
<b><u>Security &amp; Reliability</u></b>	
Intel® AES New Instructions	Yes
Intel® Trusted Execution Technology ‡	Yes
Execute Disable Bit ‡	Yes
Intel® Run Sure Technology	Yes
Mode-based Execute Control (MBE)	Yes