

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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® Bronze 3106 Processor

11M Cache, 1.70 GHz

Spec Code

SR3GL

Ordering Code

CD8067303561900

Intel® Xeon® Bronze 3106 Processor (11M Cache, 1.70 GHz)

Code Name	Skylake
Essentials	
Vertical Segment	Server
Processor Number	3106
Status	Launched
Launch Date	Q3'17
Lithography	14 nm
Recommended Customer Price	\$306.00 - \$316.00
Performance	
# of Cores	8
# of Threads	8
Processor Base Frequency	1.70 GHz
Cache	11 MB L3
# of UPI Links	2
TDP	85 W
Supplemental Information	
Embedded Options Available	Yes
Conflict Free	Yes
Datasheet	Link
Product Brief	Link
Memory Specifications	
Max Memory Size (dependent on memory type)	768 GB
Memory Types	DDR4-2133

Maximum Memory Speed	2.13 GHz
Max # of Memory Channels	6
ECC Memory Supported ‡	Yes
<u>Expansion Options</u>	
Scalability	2S
PCI Express Revision	3.0
Max # of PCI Express Lanes	48
<u>Package Specifications</u>	
Sockets Supported	FCLGA3647
T _{CASE}	77°C
Package Size	76.0mm x 56.5mm
Low Halogen Options Available	See MDDS
<u>Advanced Technologies</u>	
Intel® Optane™ Memory Supported ‡	No
Intel® Speed Shift Technology	Yes
Intel® Turbo Boost Max Technology 3.0 ‡	No
Intel® Turbo Boost Technology	No
Intel® vPro™ Technology ‡	Yes
Intel® Hyper-Threading Technology ‡	No
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
Intel® Volume Management Device (VMD)	Yes
<u>Security & Reliability</u>	
Intel® AES New Instructions	Yes
Intel® Trusted Execution Technology ‡	Yes
Mode-based Execute Control (MBE)	Yes

