

Intel Xeon 3106 processor 1.7 GHz 11 MB L3 Box

Brand : Intel

Product family: Xeon

Product code: BX806733106

Product name : 3106

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

Intel Xeon 3106. Processor family: Intel Xeon Bronze, 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: SSE4.2, AVX, AVX 2.0, AVX-512, Scalability: 2S. Package width: 43 mm, Package depth: 137 mm, Package height: 112 mm. Processor package size: 76mm x 56.5mm



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Transactional Synchronization Extensions	✓
Processor generation	1st Generation Intel® Xeon® Scalable	Intel VT-x with Extended Page Tables (EPT)	✓
Processor model *	3106	Intel TSX-NI	✓
Processor base frequency *	1.7 GHz	Intel 64	✓
Processor family *	Intel Xeon Bronze	Intel Virtualization Technology (VT-x)	✓
Processor cores *	8	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor socket *	LGA 3647 (Socket P)	Intel TSX-NI version	1.00
Component for	Server/workstation	Conflict-Free processor	✓
Processor lithography *	14 nm	Intel Turbo Boost Max Technology 3.0	✗
Processor threads	8	Intel® Optane™ Memory Ready	✗
Processor operating modes *	64-bit	AVX-512 Fused Multiply-Add (FMA) units	1
Processor cache	11 MB	Intel® Volume Management Device (VMD)	✓
Processor cache type	L3	Mode-based Execute Control (MBE)	✓
Thermal Design Power (TDP)	85 W	Intel® vPro™ Platform Eligibility	✓
Box *	✓	Operational conditions	
Cooler included *	✓	Tcase	77 °C
Stepping	U0	Technical details	
Processor codename	Skylake	Launch date	Q3'17
Processor code	SR3GL	Processor cache	11264 KB
Processor ARK ID	123540	Product type	Processor
Memory		Status	Launched
Maximum internal memory supported by processor	768 GB	Maximum memory	768 GB
Memory types supported by processor	DDR4-SDRAM	Processor brand name	Intel Xeon Bronze Intel Xeon Bronze Processor
Memory clock speeds supported by processor	2133 MHz	Supported memory types	DDR4-SDRAM
Memory channels *	Hexa-channel	Last change	63903513
ECC	✓	Product family	Intel Xeon Processors
Graphics		Intel® Speed Shift Technology version	1.00
On-board graphics card *	✗	Intel® Volume Management Device (VMD) version	1.00
Features		Memory speed (max)	2133 MHz
Execute Disable Bit	✓	Mode-based Execute Control (MBE) version	1.00
Market segment	Server	Number of UPI links	2
Maximum number of PCI Express lanes	48	Servicing status	ESU Notification Issued
PCI Express slots version	3.0	End of servicing updates date	Sunday, December 31, 2023
Supported instruction sets	SSE4.2, AVX, AVX 2.0, AVX-512		
Scalability	2S		
Embedded options available	✓		
PCI Express CEM revision	3.0		

Features		Logistics data	
Export Control Classification Number (ECCN)	5A992C	Harmonized System (HS) code	85423119
Commodity Classification Automated Tracking System (CCATS)	G077159	Packaging data	
Processor special features		Package width	43 mm
Intel® Hyper Threading Technology (Intel® HT Technology)	✗	Package depth	137 mm
Intel® Turbo Boost Technology	✗	Package height	112 mm
Intel® AES New Instructions (Intel® AES-NI)	✓	Package weight	200 g
Enhanced Intel SpeedStep Technology	✓	Package type	Retail box
Intel Trusted Execution Technology	✓	Weight & dimensions	
Intel® Speed Shift Technology	✓	Processor package size	76mm x 56.5mm
		Other features	
		Maximum internal memory	768 GB
		Maximum internal memory	786432 MB



0675901481052



675901481052



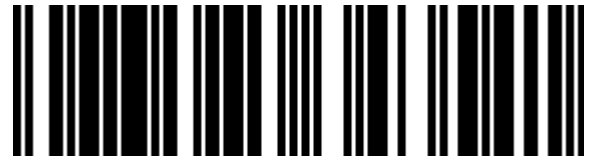
5032037104531



0735858343527



735858343527



0073585343541



073585343541

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.