

Intel Xeon Gold 5218 / 2.3 GHz processor - Box



13-05-2024

SKU	BX806955218
Product Description:	Intel Xeon Gold 5218 / 2.3 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon Gold 5218
Number of Cores:	16-core / 32 threads
Cache:	22 MB
Compatible Processor Socket:	LGA3647 Socket
Processor Qty:	1

General

Product Type:	Processor	Service & Support:	Limited warranty - 3 years
---------------	-----------	--------------------	----------------------------

Manufacturer Warranty

Miscellaneous

Package Type:	Intel Boxed
---------------	-------------

Processor

Type / Form Factor:	Intel Xeon Gold 5218
Number of Cores:	16-core
Number of Threads:	32 threads
Cache:	22 MB
Cache Memory Details:	Smart Cache - 22 MB
Processor Qty:	1
Clock Speed:	2.3 GHz
Max Turbo Speed:	3.9 GHz
Compatible Processor Socket:	LGA3647 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	125 W

Processor

Thermal Specification:	87 °C
PCI Express Revision:	3.0
PCI Express Lanes Qty:	48

Architecture Features:

Enhanced SpeedStep technology, Hyper-Threading Technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, Intel Trusted Execution Technology, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Intel Virtualization Technology for Directed I/O (VT-d), Intel vPro Technology, Intel VT-x with Extended Page Tables (EPT), Intel TSX-NI, Intel Speed Shift Technology, Intel Optane Memory Supported, Intel Advanced Vector Extensions 512 (AVX-512), Mode-based Execute Control (MBE), Intel Volume Management Device (VMD), Intel Run Sure Technology, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT)

