

Intel Xeon Gold 5218R / 2.1 GHz processor - Box



13-05-2024

SKU	BX806955218R
Product Description:	Intel Xeon Gold 5218R / 2.1 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon Gold 5218R
Number of Cores:	20-core / 40 threads
Cache:	27.5 MB
Compatible Processor Socket:	LGA3647 Socket
Processor Qty:	1

General

Product Type:	Processor	Package Type:	Intel Boxed
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Miscellaneous

Processor

Type / Form Factor:	Intel Xeon Gold 5218R
Number of Cores:	20-core
Number of Threads:	40 threads
Cache:	27.5 MB
Cache Memory Details:	Smart Cache - 27.5 MB
Processor Qty:	1
Clock Speed:	2.1 GHz
Max Turbo Speed:	4 GHz
Compatible Processor Socket:	LGA3647 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	125 W
Thermal Specification:	87 °C
PCI Express Revision:	3.0

Processor

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, streaming SIMD extensions 4.2, Intel Turbo Boost Technology 2.0, Intel Advanced Vector Extensions (AVX), Intel AES New Instructions (AES-NI), Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT), Intel Advanced Vector Extensions 2 (AVX2.0), Intel Transactional Synchronization Extensions (TSX), Intel Speed Shift Technology, 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), Intel vPro Platform Eligibility