

Intel Xeon Gold 6254 / 3.1 GHz processor - OEM



27-05-2024

SKU	CD8069504194501
Product Description:	Intel Xeon Gold 6254 / 3.1 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon Gold 6254
Number of Cores:	18-core / 36 threads
Cache:	24.75 MB
Compatible Processor Socket:	LGA3647 Socket
Processor Qty:	1

General

Product Type:	Processor	Package Type:	OEM/tray
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Miscellaneous

Processor

Type / Form Factor:	Intel Xeon Gold 6254
Number of Cores:	18-core
Number of Threads:	36 threads
Cache:	24.75 MB
Cache Memory Details:	Smart Cache - 25 MB
Processor Qty:	1
Clock Speed:	3.1 GHz
Max Turbo Speed:	4 GHz
Compatible Processor Socket:	LGA3647 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	200 W
Thermal Specification:	82 °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, 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)

