

Intel Xeon Gold 6242 / 2.8 GHz processor - Box



17-05-2024

SKU	BX806956242
Product Description:	Intel Xeon Gold 6242 / 2.8 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon Gold 6242
Number of Cores:	16-core / 32 threads
Cache:	22 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 6242
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:	2.8 GHz
Max Turbo Speed:	3.9 GHz
Compatible Processor Socket:	LGA3647 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	150 W
Thermal Specification:	85 °C
PCI Express Revision:	3.0

Processor

PCI Express Lanes Qty:	48
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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 VT-x with Extended Page Tables (EPT), Intel TSX-NI, 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

