

Intel Xeon Gold 6454S / 2.2 GHz processor - OEM



21-05-2024

SKU	PK8071305073001
Product Description:	Intel Xeon Gold 6454S / 2.2 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon Gold 6454S (4th Gen)
Number of Cores:	32-core / 64 threads
Cache:	60 MB
Compatible Processor Socket:	FCLGA4677 Socket
Processor Qty:	1

General

Product Type:	Processor	Service & Support:	Limited warranty - 1 year
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Manufacturer Warranty

Miscellaneous

Package Type:	OEM/tray
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Processor

Type / Form Factor:	Intel Xeon Gold 6454S (4th Gen)
Number of Cores:	32-core
Number of Threads:	64 threads
Cache:	60 MB
Cache Memory Details:	Smart Cache - 60 MB
Processor Qty:	1
Clock Speed:	2.2 GHz
Max Turbo Speed:	3.4 GHz
Compatible Processor Socket:	FCLGA4677 Socket
Thermal Design Power:	270 W

Processor

Thermal Specification: 71 °C

PCI Express Revision: 5.0

PCI Express Lanes Qty: 80

Architecture Features: 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 Transactional Synchronization Extensions (TSX), Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Speed Shift Technology, Mode-based Execute Control (MBE), Intel Run Sure Technology, Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel Speed Select technology - Performance Profile, Intel Speed Select technology - Base Frequency, Intel Speed Select technology - Core Power, Intel Speed Select technology - Turbo Frequency, Intel Control-Flow Enforcement Technology, Intel Total Memory Encryption, Intel Platform Firmware Resilience Support, Intel Crypto Acceleration, Instruction Set 64-bit, Intel On Demand Feature Activation, 2.30 GHz high priority core, 20 low priority cores, 12 high priority cores, 1.70 GHz low priority core, Intel QuickAssist Software Acceleration, 128 GB maximum Enclave Page Cache (EPC) size for Intel SGX