

Intel Xeon Platinum 8458P / 2.7 GHz processor - OEM



13-05-2024

SKU	PK8071305073301
Product Description:	Intel Xeon Platinum 8458P / 2.7 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon Platinum 8458P (4th Gen)
Number of Cores:	44-core / 88 threads
Cache:	82.5 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 Platinum 8458P (4th Gen)
Number of Cores:	44-core
Number of Threads:	88 threads
Cache:	82.5 MB
Cache Memory Details:	Smart Cache - 82.5 MB
Processor Qty:	1
Clock Speed:	2.7 GHz
Max Turbo Speed:	3.8 GHz
Compatible Processor Socket:	FCLGA4677 Socket
Thermal Design Power:	350 W

Processor

Thermal Specification: 78 °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 TSX-NI, Intel QuickAssist Technology, 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 - 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 Dynamic Load Balancer (DLB), Intel Data Streaming Accelerator (DSA), Intel QuickAssist Software Acceleration, Activating Intel On Demand Feature, Intel In-memory Analytics Accelerator, Intel Advanced Matrix Extensions (AMX), 512 GB maximum Enclave Page Cache (EPC) size for Intel SGX

