

Intel Xeon Platinum 8470 / 2 GHz processor - OEM



22-05-2024

SKU	PK8071305072401
Product Description:	Intel Xeon Platinum 8470 / 2 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon Platinum 8470 (4th Gen)
Number of Cores:	52-core / 104 threads
Cache:	105 MB
Compatible Processor Socket:	FCLGA4677 Socket
Processor Qty:	1

General

Product Type:	Processor
Width:	7.75 cm
Depth:	5.65 cm

Manufacturer Warranty

Service & Support:	Limited warranty - 1 year
--------------------	---------------------------

Miscellaneous

Package Type:	OEM/tray
---------------	----------

Processor

Type / Form Factor:	Intel Xeon Platinum 8470 (4th Gen)
Number of Cores:	52-core
Number of Threads:	104 threads
Cache:	105 MB
Processor Qty:	1
Clock Speed:	2 GHz
Max Turbo Speed:	3.8 GHz
Bus Speed:	16 GT/s
Compatible Processor Socket:	FCLGA4677 Socket
Manufacturing Process:	10 nm
Thermal Design Power:	350 W
Thermal Specification:	79 °C

Processor

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 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 TSX-NI, Intel OS Guard, Intel Speed Shift Technology, Intel Advanced Vector Extensions 512 (AVX-512), Intel Run Sure Technology, Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), 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, Intel SSE4.2, Mode-based Execute Control (MBEC), Intel On Demand Feature Activation, 36 low priority cores, 2.20 GHz high priority core, 1.80 GHz low priority core, Intel Data Streaming Accelerator (DSA), Intel QuickAssist Software Acceleration, 16 high priority cores, Intel Advanced Matrix Extensions (AMX), Intel Software Guard Extensions (SGX) with Intel SP5, 512 GB maximum Enclave Page Cache (EPC) size for Intel SGX, 2 AVX-512 FMA Units