



INTEL Xeon Platinum 8454H 2.1GHz FC- LGA16A 82.5M Cache Tray CPU



Model: PK8071305074601

Manufacturer: INTEL

Product Code: 50139

R149,740

Intel Xeon Platinum processors are the foundation for secure, agile, hybrid-cloud data centers. With uncompromising security and exceptional two, four, and eight+ socket processing performance, these processors are built for mission-critical, real-time analytics, machine learning, and artificial intelligence and multi-cloud workloads. With trusted, hardware-enhanced data service delivery, this processor family delivers monumental leaps in I/O, memory, storage and network technologies to harness actionable insights from increasingly data-fueled world.

Product Description: Intel Xeon Platinum 8454H / 2.1 GHz processor - OEM | Product Type: Processor | Processor Type: Intel Xeon Platinum 8454H (4th Gen) | Number of Cores: 32-core / 64 threads | Cache: 82.5 MB | Compatible Processor Socket: FCLGA4677 Socket | Processor Qty: 1 | Clock Speed: 2.1 GHz | Max Turbo Speed: 3.4 GHz | Bus Speed: 16 GT/s | Manufacturing Process: 10 nm | Features: Intel On Demand Feature Activation, 12 high priority cores, 2.20 GHz high priority core, Intel Advanced Matrix Extensions (AMX), Intel Data Streaming Accelerator (DSA) 4 default devices, Intel Deep Learning Boost (DL Boost), Intel Dynamic Load Balancer (DLB) 4 default devices, Intel In-

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memory Analytics Accelerator (IAA) 4 default devices, Intel QuickAssist Technology (QAT) 4 default devices, Intel Speed Select technology - Base Frequency, Intel Speed Select technology - Core Power, Intel Speed Select technology - Turbo Frequency, Mode-based Execute Control (MBEC), 1.80 GHz low priority core, 20 low priority cores, Hyper-Threading Technology, Intel 64 Technology, Intel Advanced Vector Extensions (AVX), Intel Advanced Vector Extensions 2 (AVX2.0), Intel Advanced Vector Extensions 512 (AVX-512), Intel Resource Director Technology (RDT), Intel Speed Shift Technology, Intel SSE4.2, Intel Transactional Synchronization Extensions (TSX), Intel Turbo Boost Technology 2.0, 2 AVX-512 FMA Units, Intel Crypto Acceleration, Intel AES New Instructions (AES-NI), Intel Control-Flow Enforcement Technology, Intel OS Guard, Intel Platform Firmware Resilience Support, Intel QuickAssist Software Acceleration, Intel Software Guard Extensions (SGX) with Intel SPS, Intel Total Memory Encryption, 512 GB maximum Enclave Page Cache (EPC) size for Intel SGX, Intel Trusted Execution Technology, Intel Boot Guard, Intel Run Sure Technology, Intel Virtualization Technology, Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT), Execute Disable Bit capability | Manufacturer Warranty: 1-year warranty

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