Intel Xeon Bronze 3508U processor 2.1 GHz 22.5 MB

Model: PK8071305554500

Manufacturer: INTEL

Product Code: 1383820

R13,175

Mode-based Execute Control (MBE): Yes | AVX-512 Fused Multiply-Add (FMA) units: 1 | Intel® Volume Management Device (VMD): Yes | Intel® Speed Shift Technology: Yes | Harmonized System (HS) code: 8542310050 | Maximum internal memory supported by processor: 4 TB | Maximum Enclave Size Support for Intel® SGX: 64 GB | Intel® Resource Director Technology (Intel® RDT): Yes | Intel® Boot Guard: Yes | Box: No | Package carrier: E1B | Intel Software Guard Extensions (Intel SGX): Yes | Use conditions: Server/Enterprise | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel® Crypto Acceleration: Yes | Processor generation: Intel Xeon Scalable 5th Gen | Market segment: Server | Processor base frequency: 2.1 GHz | Intel® Total Memory Encryption - Multi Key: Yes | Intel® Platform Firmware Resilience Support: Yes | Scalability: 1S | Status: Launched | Launch date: Q4'23 | Servicing status: Baseline Servicing | Intel® Transactional Synchronization Extensions: Yes | Export Control Classification Number (ECCN): 5A992C | DTS Max: 98 °C | Intel® Total Memory Encryption: Yes | Commodity Classification Automated Tracking System (CCATS): 740.17B1 | Intel® QuickAssist Software Acceleration: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® UPI Speed: 0 GT/s | Warnings: Do not disassemble the processor or attempt to repair it yourself. | Warnings: Avoid direct contact with water and high humidity. | Intel® Data Streaming

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

Accelerator (DSA): 1 default devices | Warnings: The product should be used in accordance with the manufacturer's instructions to avoid damage. | Processor threads: 8 | Discrete graphics card: No | Intel 64: Yes | Stepping: U1 | Embedded options available: Yes | Processor boost frequency: 2.2 GHz | Execute Disable Bit: Yes | Intel Trusted Execution Technology: Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | ECC: Yes | Processor cache: 22.5 MB | Processor socket: LGA 4677 (Socket E) | Processor codename: Sapphire Rapids | Intel® OS Guard: Yes | Intel® Turbo Boost Technology: 2.0 | Memory channels: Octa-channel | Processor cores: 8 | Processor operating modes: 64-bit | Discrete graphics card model: Not available | Thermal Design Power (TDP): 125 W | Processor family: Intel Xeon Bronze | On-board graphics card: No | PCI Express slots version: 4.0 | Intel VT-x with Extended Page Tables (EPT): Yes | Maximum number of PCI Express lanes: 80 | Processor manufacturer: Intel | On-board graphics card model: Not available | Processor model: 3508U | Maximum internal memory: 4 TB | Processor ARK ID: 236639 | Tcase: 83 °C | Supported instruction sets: AMX | Supported instruction sets: AVX 2.0 | Supported instruction sets: AVX-512 | Supported instruction sets: AVX | Supported instruction sets: SSE4.2

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