

Intel Xeon Bronze 3508U processor 2.1 GHz 22.5 MB



Model: PK8071305554500

Manufacturer: INTEL

Product Code: 1312729

R13,219

Market segment: Server | Harmonized System (HS) code: 8542310050 | Box: No | Intel® Boot Guard: Yes | Launch date: Q4'23 | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | AVX-512 Fused Multiply-Add (FMA) units: 1 | Warnings: The product should be used in accordance with the manufacturer's instructions to avoid damage. | Maximum internal memory supported by processor: 4 TB | Status: Launched | Scalability: 1S | Mode-based Execute Control (MBE): Yes | Intel Software Guard Extensions (Intel SGX): Yes | Intel® Resource Director Technology (Intel® RDT): Yes | Intel® Volume Management Device (VMD): 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® Speed Shift Technology: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Package carrier: E1B | Commodity Classification Automated Tracking System (CCATS): 740.17B1 | DTS Max: 98 °C | Maximum Enclave Size Support for Intel® SGX: 64 GB | Intel® Platform Firmware Resilience Support: Yes | Intel® Total Memory Encryption: Yes | Processor base frequency: 2.1 GHz | Intel® Transactional Synchronization Extensions: Yes | Intel® Data Streaming Accelerator (DSA): 1 default devices | Processor generation: Intel Xeon Scalable 5th Gen | Use conditions:

Server/Enterprise | Intel® Crypto Acceleration: Yes | Servicing status: Baseline Servicing | Export

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.

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Control Classification Number (ECCN): 5A992C | Intel® QuickAssist Software Acceleration: Yes | Intel® Total Memory Encryption - Multi Key: Yes | On-board graphics card: No | Execute Disable Bit: Yes | Tcase: 83 °C | Processor cores: 8 | Maximum number of PCI Express lanes: 80 | ECC: Yes | Intel VT-x with Extended Page Tables (EPT): Yes | Intel Trusted Execution Technology: Yes | Processor family: Intel Xeon Bronze | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Embedded options available: Yes | Processor ARK ID: 236639 | On-board graphics card model: Not available | Maximum internal memory: 4 TB | Discrete graphics card: No | Processor operating modes: 64-bit | PCI Express slots version: 4.0 | Processor model: 3508U | Processor cache: 22.5 MB | Processor threads: 8 | Supported instruction sets: AMX | Discrete graphics card model: Not available | Supported instruction sets: AVX 2.0 | Stepping: U1 | Supported instruction sets: SSE4.2 | Processor socket: LGA 4677 (Socket E) | Supported instruction sets: AVX-512 | Supported instruction sets: AVX | Processor boost frequency: 2.2 GHz | Intel® Turbo Boost Technology: 2.0 | Thermal Design Power (TDP): 125 W | Intel® OS Guard: Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Processor codename: Sapphire Rapids | Intel 64: Yes | Memory channels: Octa-channel | Processor manufacturer: Intel

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