

Intel Xeon 6756E processor 1.8 GHz 96 MB Tray



Model: PK8077105931000

Manufacturer: INTEL

Product Code: 1249711

R69,777

Discrete graphics card model: Not available | Processor family: Intel® Xeon® | On-board graphics card model: Not available | Processor cores: 128 | Embedded options available: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Maximum internal memory: 4 TB | Processor codename: Sierra Forest | Processor model: 6756E | Processor package size: 77.5 x 56.5 mm | Processor boost frequency: 2.6 GHz | Maximum number of PCI Express lanes: 88 | PCI Express slots version: 5.0 | Processor operating modes: 64-bit | Market segment: Server | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® Boot Guard: Yes | Intel® OS Guard: Yes | Launch date: Q2'24 | On-board graphics card: No | Intel Virtualization Technology (VT-x): Yes | Memory types supported by processor: DDR5-SDRAM | Tcase: 80 °C | Intel 64: Yes | Processor ARK ID: 240361 | Execute Disable Bit: Yes | Status: Launched | Processor threads: 128 | Scalability: 2S | Supported instruction sets: AVX 2.0 | Processor manufacturer: Intel | Processor cache: 96 MB | ECC: Yes | Discrete graphics card: No | Memory channels: Octa-channel | Maximum internal memory supported by processor: 4 TB | Memory clock speeds supported by processor: 6400 | Thermal Design Power (TDP): 225 W | Processor socket: LGA 4710 | Intel® Dynamic Load Balancer (DLB): 2 default devices |

Intel® UPI Speed: 24 GT/s | Intel® Data Streaming Accelerator (DSA): 2 default devices | Intel® In-

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typographical errors. We recommend checking the current information before purchasing.

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memory Analytics Accelerator (IAA): 2 default devices | Package carrier: E2B | DTS Max: 96 °C | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® QuickAssist Software Acceleration: Yes | Intel® QuickAssist Technology (QAT): 2 default devices | Intel® Total Memory Encryption - Multi Key: Yes | Warnings: The product should be used in accordance with the manufacturer's instructions to avoid damage. | Warnings: Do not disassemble the processor or attempt to repair it yourself. | Warnings: Avoid direct contact with water and high humidity. | Intel® Trust Domain Extensions (Intel® TDX): Yes | Intel® Total Memory Encryption: Yes | Cooler included: No | Intel® Resource Director Technology (Intel® RDT): Yes | Number of UPI links: 4 | Intel® Platform Firmware Resilience Support: Yes | Mode-based Execute Control (MBE): Yes | Processor base frequency: 1.8 GHz | Intel® Crypto Acceleration: Yes | Intel® Volume Management Device (VMD): Yes | Maximum Enclave Size Support for Intel® SGX: 512 GB | Memory speed (max): 6400 MHz

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