



Intel Xeon

6756E processor

1.8 GHz 96 MB

Tray



Model: PK8077105931000

Manufacturer: INTEL

Product Code: 937130

R69,177

On-board graphics card model: Not available | Processor cores: 128 | Intel® Boot Guard: Yes | Processor manufacturer: Intel | Intel 64: Yes | Tcase: 80 °C | Processor codename: Sierra Forest | Processor package size: 77.5 x 56.5 mm | Intel® AES New Instructions (Intel® AES-NI): Yes | Discrete graphics card model: Not available | Memory channels: Octa-channel | Processor cache: 96 MB | ECC: Yes | Processor ARK ID: 240361 | Intel® OS Guard: Yes | Launch date: Q2'24 | Embedded options available: Yes | PCI Express slots version: 5.0 | Processor threads: 128 | Execute Disable Bit: Yes | Status: Launched | Supported instruction sets: AVX 2.0 | On-board graphics card: No | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Scalability: 2S | Maximum internal memory: 4 TB | Market segment: Server | Processor operating modes: 64-bit | Processor model: 6756E | Discrete graphics card: No | Maximum internal memory supported by processor: 4 TB | Processor boost frequency: 2.6 GHz | Processor family: Intel® Xeon® | Memory types supported by processor: DDR5-SDRAM | Processor socket: LGA 4710 | Maximum number of PCI Express lanes: 88 | Memory clock speeds supported by processor: 6400 MHz | Thermal Design Power (TDP): 225 W | Intel® Crypto Acceleration: Yes | Processor base frequency: 1.8 GHz |

Intel® Platform Firmware Resilience Support: Yes | DTS Max: 96 °C | Cooler included: No | Mode-

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.

itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

based Execute Control (MBE): Yes | Intel® Resource Director Technology (Intel® RDT): Yes | Intel® In-memory Analytics Accelerator (IAA): 2 default devices | Intel® Volume Management Device (VMD): Yes | Intel® Total Memory Encryption: Yes | Memory speed (max): 6400 MHz | Package carrier: E2B | Number of UPI links: 4 | Maximum Enclave Size Support for Intel® SGX: 512 GB | Intel® UPI Speed: 24 GT/s | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® QuickAssist Technology (QAT): 2 default devices | Intel® QuickAssist Software Acceleration: Yes | Intel® Data Streaming Accelerator (DSA): 2 default devices | Intel® Dynamic Load Balancer (DLB): 2 default devices | Intel® Total Memory Encryption - Multi Key: Yes | Warnings: Do not disassemble the processor or attempt to repair it yourself. | Warnings: The product should be used in accordance with the manufacturer's instructions to avoid damage. | Warnings: Avoid direct contact with water and high humidity. | Intel® Trust Domain Extensions (Intel® TDX): Yes

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.

itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950