

Intel Core i7-12700KF processor 25 MB Smart Cache Box



Model: BX8071512700KF

Manufacturer: INTEL

EAN: 5032037234047

Product Code: 609613

R6,001

Intel® Thread Director: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Commodity Classification Automated Tracking System (CCATS): G167599 | Performance cores: 8 | Intel® Turbo Boost Max Technology 3.0 frequency: 5 GHz | Performance-core base frequency: 3.6 GHz | Performance-core boost frequency: 4.9 GHz | Export Control Classification Number (ECCN): 5A992CN3 | Efficient cores: 4 | Thermal solution specification: PCG 2020A | Status: Launched | Memory types supported by processor: DDR5-SDRAM | Harmonized System (HS) code: 8542310001 | Box: Yes | Mode-based Execute Control (MBE): Yes | Intel® Boot Guard: Yes | Intel Turbo Boost Max Technology 3.0: Yes | Processor generation: 12th gen Intel® Core™ i7 | Target market: Gaming, Content Creation | Memory types supported by processor: DDR4-SDRAM | Processor base power: 125 W | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Maximum turbo power: 190 W | Market segment: Desktop | Launch date: Q4'21 | Intel® Volume Management Device (VMD): Yes | Use conditions: PC/Client/Tablet | Memory bandwidth supported by processor (max): 76.8 GB/s |

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

Maximum number of DMI lanes: 8 | Intel® Speed Shift Technology: Yes | Warnings: Avoid shocks and drops so as not to damage delicate components. | Warnings: Ensure that the processor is adequately cooled to prevent overheating. | Warnings: Do not touch the processor pins to avoid electrostatic damage. | PCI Express slots version: 4.0 | Intel VT-x with Extended Page Tables (EPT): Yes | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | Maximum number of PCI Express lanes: 20 | Bus type: DMI4 | Intel® Optane™ Memory Ready: Yes | Processor codename: Alder Lake | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel 64: Yes | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Maximum internal memory supported by processor: 128 GB | Processor manufacturer: Intel | Thermal Monitoring Technologies: Yes | Processor package size: 45 x 37.5 mm | Intel® OS Guard: Yes | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Processor cores: 12 | Intel® Secure Key: Yes | On-board graphics card model: Not available | Discrete graphics card: No | Processor model: i7-12700KF | Embedded options available: No | Execute Disable Bit: Yes | Processor cache: 25 MB | Processor family: Intel® Core™ i7 | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Memory bandwidth (max): 76.8 GB/s | Enhanced Intel SpeedStep Technology: Yes | On-board graphics card: No | Idle States: Yes | Discrete graphics card model: Not available | CPU configuration (max): 1 | Tjunction: 100 °C | Processor threads: 20 | Supported instruction sets: SSE4.2 | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | Memory channels: Dual-channel | Processor ARK ID: 134595 | Maximum internal memory: 128 GB | Processor operating modes: 64-bit | Component for: PC | Supported instruction sets: AVX 2.0 | Supported instruction sets: SSE4.1 | Processor socket: LGA 1700

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