

Intel Core i3-12100F processor 12 MB Smart Cache Box

Model: BX8071512100F

Manufacturer: INTEL

EAN: 5032037238731

Product Code: 1743787

R2,732

Warnings: Do not use excessive force when assembling or disassembling the processor. | Warnings: Be careful during assembly to avoid damaging the CPU pins or socket. | Commodity Classification Automated Tracking System (CCATS): G167599 | Warnings: Avoid mounting with the power supply running. | Export Control Classification Number (ECCN): 5A992.C | Processor generation: 12th gen Intel® Core™ i3 | Intel® Standard Manageability (ISM): Yes | Performance-core base frequency: 3.3 GHz | Performance cores: 4 | Processor base power: 58 W | Maximum number of DMI lanes: 8 | Intel® Thread Director: No | Performance-core boost frequency: 4.3 GHz | Intel® Control-flow Enforcement Technology (CET): Yes | Direct Media Interface (DMI) Revision: 4.0 | Use conditions: PC/Client/Tablet | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Maximum turbo power: 89 W | Processor cores: 4 | On-board graphics card model: Not available | Enhanced Intel SpeedStep Technology: Yes | Processor boost frequency: 4.3 GHz | Processor model: i3-12100F | Memory bandwidth (max): 76.8 GB/s | Processor threads: 8 | CPU configuration (max): 1 | Intel

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

Virtualization Technology for Directed I/O (VT-d): Yes | Discrete graphics card model: Not available | Intel® Turbo Boost Technology: 2.0 | Processor operating modes: 64-bit | Tjunction: 100 °C | Non-ECC: Yes | Embedded options available: No | Maximum number of PCI Express lanes: 20 | PCI Express slots version: 5.0 | PCI Express slots version: 4.0 | Maximum internal memory: 128 GB | Processor family: Intel® Core™ i3 | Intel® AES New Instructions (Intel® AES-NI): Yes | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Processor package size: 45 x 37.5 mm | Intel® Optane™ Memory Ready: Yes | Thermal Monitoring Technologies: Yes | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Processor codename: Alder Lake | Processor cache: 12 MB | Idle States: Yes | Intel® Secure Key: Yes | Intel Turbo Boost Max Technology 3.0: No | Intel® Volume Management Device (VMD): Yes | Intel® OS Guard: Yes | Memory channels: Dual-channel | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Bus type: DMI4 | Intel® Speed Shift Technology: Yes | Intel Virtualization Technology (VT-x): Yes | On-board graphics card: No | Processor socket: LGA 1700 | Launch date: Q1'22 | Market segment: Desktop | Discrete graphics card: No | Execute Disable Bit: Yes | Thermal solution specification: PCG 2020C | Intel® Boot Guard: Yes | Memory types supported by processor: DDR4-SDRAM | Processor manufacturer: Intel | Maximum internal memory supported by processor: 128 GB | Mode-based Execute Control (MBE): Yes | Intel Enhanced Halt State: Yes | L2 cache: 5120 KB | Cooler included: Yes | Memory types supported by processor: DDR5-SDRAM | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Intel 64: Yes | Processor ARK ID: 132223 | Processor cache type: Smart Cache | Supported instruction sets: SSE4.2 | Harmonized System (HS) code: 85423119 | Status: Launched | Scalability: 1S | Supported instruction sets: AVX 2.0 | Supported instruction sets: SSE4.1

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