

Intel Core i5-12400F processor 18 MB Smart Cache Box



Model: BX8071512400F

Manufacturer: INTEL

EAN: 5032037237758

Product Code: 937109

R3,804

Discrete graphics card model: Not available | Box: Yes | On-board graphics card model: Not available | Processor operating modes: 64-bit | Intel® Volume Management Device (VMD): Yes | Intel 64: Yes | Processor cores: 6 | Intel® Thread Director: No | Intel® Boot Guard: Yes | Idle States: Yes | Tjunction: 100 °C | Processor socket: LGA 1700 | Processor manufacturer: Intel | Processor family: Intel® Core™ i5 | Maximum number of DMI lanes: 8 | Processor codename: Alder Lake | Launch date: Q1'22 | Processor model: i5-12400F | Processor package size: 45 x 37.5 mm | Thermal Monitoring Technologies: Yes | On-board graphics card: No | Memory bandwidth (max): 76.8 GB/s | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Secure Key: Yes | Intel Turbo Boost Max Technology 3.0: No | Processor generation: 12th gen Intel® Core™ i5 | Intel® Speed Shift Technology: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Supported instruction sets: SSE4.1 | Execute Disable Bit: Yes | Supported instruction sets: SSE4.2 | Memory types supported by processor: DDR5-SDRAM | PCI Express slots

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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version: 5.0 | Processor cache type: Smart Cache | Supported instruction sets: AVX 2.0 | Maximum turbo power: 117 W | Processor threads: 12 | Memory channels: Dual-channel | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Maximum internal memory supported by processor: 128 GB | PCI Express slots version: 4.0 | Market segment: Desktop | Memory types supported by processor: DDR4-SDRAM | Discrete graphics card: No | Intel® Optane™ Memory Ready: Yes | Intel VT-x with Extended Page Tables (EPT): Yes | Status: Launched | Enhanced Intel SpeedStep Technology: Yes | Processor cache: 18 MB | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Harmonized System (HS) code: 8542310001 | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® OS Guard: Yes | Processor base power: 65 W | Embedded options available: No | Maximum number of PCI Express lanes: 20 | Performance-core boost frequency: 4.4 GHz | Performance-core base frequency: 2.5 GHz | Direct Media Interface (DMI) Revision: 4.0 | CPU configuration (max): 1 | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | Performance cores: 6 | Commodity Classification Automated Tracking System (CCATS): G167599 | Export Control Classification Number (ECCN): 5A992CN3 | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact.

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