

Intel Core i5-12600KF processor 20 MB Smart Cache Box



Model: BX8071512600KF

Manufacturer: INTEL

EAN: 5032037234115

Product Code: 937111

R4,433

Intel® Optane™ Memory Ready: Yes | Processor cores: 10 | Intel® AES New Instructions (Intel® AES-NI): Yes | Processor codename: Alder Lake | Processor package size: 45 x 37.5 mm | Thermal Monitoring Technologies: Yes | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | On-board graphics card model: Not available | Tjunction: 100 °C | CPU configuration (max): 1 | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | Processor family: Intel® Core™ i5 | PCI Express slots version: 4.0 | Processor cache: 20 MB | Maximum number of PCI Express lanes: 20 | Non-ECC: Yes | Discrete graphics card model: Not available | Processor model: i5-12600KF | Processor operating modes: 64-bit | Processor threads: 16 | Component for: PC | Maximum internal memory: 128 GB | Embedded options available: No | Enhanced Intel SpeedStep Technology: Yes | Intel® Turbo Boost Technology: 2.0 | Memory bandwidth (max): 76.8 GB/s | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Mode-based Execute Control (MBE): Yes | Supported instruction sets: SSE4.2 | Intel® Boot

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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Guard: Yes | Processor socket: LGA 1700 | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact. | Box: Yes | Discrete graphics card: No | Thermal solution specification: PCG 2020A | Maximum turbo power: 150 W | Maximum internal memory supported by processor: 128 GB | Cooler included: No | Intel Virtualization Technology (VT-x): Yes | Supported instruction sets: SSE4.1 | Status: Launched | Maximum number of DMI lanes: 8 | Supported instruction sets: AVX 2.0 | On-board graphics card: No | Memory types supported by processor: DDR5-SDRAM | Harmonized System (HS) code: 85423119 | Memory types supported by processor: DDR4-SDRAM | Processor base power: 125 W | Performance-core boost frequency: 4.9 GHz | Intel® OS Guard: Yes | Target market: Gaming | Intel Turbo Boost Max Technology 3.0: No | Processor generation: 12th gen Intel® Core™ i5 | Performance-core base frequency: 3.7 GHz | Processor manufacturer: Intel | Idle States: Yes | Memory channels: Dual-channel | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel 64: Yes | Intel® Volume Management Device (VMD): Yes | Use conditions: PC/Client/Tablet | Scalability: 1S | Export Control Classification Number (ECCN): 5A992CN3 | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Thread Director: Yes | Processor ARK ID: 134590 | Launch date: Q4'21 | Market segment: Desktop | Warnings: Ensure that the CPU is properly mounted in the CPU socket to avoid damage. | Bus type: DMI4 | Warnings: Be careful when handling the processor to avoid damaging the delicate pins. | Intel® Speed Shift Technology: Yes | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Commodity Classification Automated Tracking System (CCATS): G167599 | Performance cores: 6 | Intel® Secure Key: Yes | Execute Disable Bit: Yes | Efficient cores: 4 | Intel® Standard Manageability (ISM): Yes

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