

Intel Core i5- 12400 processor 18 MB Smart Cache Box



Model: BX8071512400

Manufacturer: INTEL

EAN: 5032037237741

Product Code: 1252222

R4,446

Export Control Classification Number (ECCN): 5A992CN3 | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | On-board graphics card outputs supported: Embedded DisplayPort (eDP) 1.4b | Intel Turbo Boost Max Technology 3.0: No | Processor generation: 12th gen Intel® Core™ i5 | Supported instruction sets: SSE4.2 | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel® Boot Guard: Yes | PCI Express configurations: 1x16+1x4 | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 120 Hz | Processor operating modes: 64-bit | On-board graphics card DirectX version: 12.0 | Supported instruction sets: AVX 2.0 | Supported instruction sets: SSE4.1 | Intel® Secure Key: Yes | Tjunction: 100 °C | On-board graphics card outputs supported: DisplayPort 1.4a | Intel® Volume Management Device (VMD): Yes | On-board graphics card ID: 0x4692 / 0x4682 | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Embedded options available: No | Thermal Monitoring Technologies: Yes | Intel® Optane™ Memory Ready: Yes | PCI Express configurations: 2x8+1x4 | Intel 64: Yes | Intel® OS Guard: Yes | Processor package size: 45 x 37.5 mm | Processor codename: Alder Lake | Intel® Clear Video HD Technology

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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(Intel® CVT HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Execute Disable Bit: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | On-board graphics card: Yes | Discrete graphics card: No | Memory bandwidth (max): 76.8 GB/s | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Intel® Speed Shift Technology: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz | Intel® Quick Sync Video Technology: Yes | Processor threads: 12 | Bus type: DMI4 | OpenCL version: 2.1 | Processor cores: 6 | Launch date: Q1'22 | Box: Yes | Market segment: Desktop | Number of displays supported (on-board graphics): 4 | CPU configuration (max): 1 | Maximum internal memory: 128 GB | Commodity Classification Automated Tracking System (CCATS): G167599 | Processor model: i5-12400 | Memory types supported by processor: DDR5-SDRAM | Processor cache: 18 MB | On-board graphics card maximum resolution (eDP - Integrated Flat Panel): 5120 x 3200 pixels | Maximum internal memory supported by processor: 128 GB | Memory types supported by processor: DDR4-SDRAM | On-board graphics card model: Intel UHD Graphics 730 | Processor family: Intel® Core™ i5 | Maximum turbo power: 117 W | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact. | Harmonized System (HS) code: 8542310001 | Number of execution units: 24 | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | Discrete graphics card model: Not available | Mode-based Execute Control (MBE): Yes | Graphics output: eDP 1.4b, DP 1.4a, HDMI 2.1 | Performance-core base frequency: 2.5 GHz | On-board graphics card maximum resolution (DisplayPort): 7680 x 4320 pixels | On-board graphics card maximum resolution (HDMI): 4096 x 2160 pixels | Direct Media Interface (DMI) Revision: 4.0 | Cooler included: Yes | Performance-core boost frequency: 4.4 GHz | PCI Express slots version: 4.0 | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Multi-Format Codec Engines: 1 | Status: Launched | On-board graphics card OpenGL version: 4.5 | Maximum number of PCI Express lanes: 20 | Processor manufacturer: Intel | Processor base power: 65 W | Performance cores: 6 | Use conditions: PC/Client/Tablet | Idle States: Yes | On-board graphics card base frequency: 300 MHz | On-board graphics card dynamic frequency (max): 1450 MHz | Target market: Gaming | Enhanced Intel SpeedStep Technology: Yes | Processor socket: LGA 1700 | Intel® Thread Director: No | Maximum number of DMI lanes: 8

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