

Intel Core i5- 12400 processor 18 MB Smart Cache Box



Model: BX8071512400

Manufacturer: INTEL

EAN: 5032037237741

Product Code: 939712

R4,561

Supported instruction sets: SSE4.1 | On-board graphics card ID: 0x4692 / 0x4682 | Maximum internal memory: 128 GB | Intel® Boot Guard: Yes | Use conditions: PC/Client/Tablet | On-board graphics card DirectX version: 12.0 | Discrete graphics card model: Not available | Mode-based Execute Control (MBE): Yes | Processor operating modes: 64-bit | Intel® Volume Management Device (VMD): Yes | Box: Yes | Supported instruction sets: AVX 2.0 | Intel® Secure Key: Yes | Processor threads: 12 | Processor model: i5-12400 | Execute Disable Bit: Yes | Tjunction: 100 °C | Intel® Optane™ Memory Ready: Yes | Intel® Thread Director: No | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 120 Hz | Processor socket: LGA 1700 | Processor cores: 6 | On-board graphics card model: Intel UHD Graphics 730 | On-board graphics card maximum resolution (DisplayPort): 7680 x 4320 pixels | Maximum number of DMI lanes: 8 | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Graphics output: eDP 1.4b, DP 1.4a, HDMI 2.1 | Status: Launched | Enhanced Intel SpeedStep Technology: Yes | On-board graphics card: Yes | Memory bandwidth (max): 76.8 GB/s | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | Intel® Deep Learning Boost (Intel® DL Boost) on

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CPU: Yes | 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 | Intel® Control-flow Enforcement Technology (CET): Yes | Target market: Gaming | Launch date: Q1'22 | Processor family: Intel® Core™ i5 | Harmonized System (HS) code: 8542310001 | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Supported instruction sets: SSE4.2 | Processor package size: 45 x 37.5 mm | Cooler included: Yes | Memory types supported by processor: DDR5-SDRAM | Processor codename: Alder Lake | Memory types supported by processor: DDR4-SDRAM | Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® OS Guard: Yes | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Number of execution units: 24 | Maximum internal memory supported by processor: 128 GB | Embedded options available: No | Performance-core boost frequency: 4.4 GHz | Intel 64: Yes | Number of displays supported (on-board graphics): 4 | Processor manufacturer: Intel | Idle States: Yes | Direct Media Interface (DMI) Revision: 4.0 | Performance-core base frequency: 2.5 GHz | Processor cache: 18 MB | On-board graphics card maximum resolution (eDP - Integrated Flat Panel): 5120 x 3200 pixels | Discrete graphics card: No | Export Control Classification Number (ECCN): 5A992CN3 | Performance cores: 6 | On-board graphics card maximum resolution (HDMI): 4096 x 2160 pixels | Thermal Monitoring Technologies: Yes | Commodity Classification Automated Tracking System (CCATS): G167599 | On-board graphics card outputs supported: DisplayPort 1.4a | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | On-board graphics card dynamic frequency (max): 1450 MHz | On-board graphics card base frequency: 300 MHz | Intel® Quick Sync Video Technology: Yes | OpenCL version: 2.1 | CPU configuration (max): 1 | Processor base power: 65 W | Multi-Format Codec Engines: 1 | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | On-board graphics card OpenGL version: 4.5 | 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. | Intel® Speed Shift Technology: Yes | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Bus type: DMI4 | Market segment: Desktop | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | PCI Express slots version: 4.0 | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | Maximum number of PCI Express lanes: 20 | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz

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