



Intel Core i5-12400 processor 18 MB Smart Cache Box



Model: BX8071512400

Manufacturer: INTEL

EAN: 5032037237741

Product Code: 611267

R4,616

Processor cache: 18 MB | On-board graphics card maximum resolution (eDP - Integrated Flat Panel): 5120 x 3200 pixels | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz | On-board graphics card model: Intel UHD Graphics 730 | Supported instruction sets: AVX 2.0 | PCI Express slots version: 4.0 | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Box: Yes | Graphics output: eDP 1.4b, DP 1.4a, HDMI 2.1 | Processor model: i5-12400 | Memory types supported by processor: DDR4-SDRAM | Maximum internal memory supported by processor: 128 GB | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | Processor manufacturer: Intel | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Processor cores: 6 | Supported instruction sets: SSE4.2 | Memory types supported by processor: DDR5-SDRAM | Intel 64: Yes | OpenCL version: 2.1 | Discrete graphics card model: Not available | Mode-based Execute Control (MBE): Yes | On-board graphics card maximum resolution (DisplayPort): 7680 x 4320 pixels | On-board graphics card maximum resolution (HDMI): 4096 x 2160 pixels | Bus type: DMI4 | CPU

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

configuration (max): 1 | Status: Launched | Cooler included: Yes | On-board graphics card outputs supported: DisplayPort 1.4a | Intel® Volume Management Device (VMD): Yes | Intel® Speed Shift Technology: Yes | Tjunction: 100 °C | Number of execution units: 24 | Enhanced Intel SpeedStep Technology: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Number of displays supported (on-board graphics): 4 | On-board graphics card outputs supported: Embedded DisplayPort (eDP) 1.4b | Intel Turbo Boost Max Technology 3.0: No | Intel® Boot Guard: Yes | Intel® Quick Sync Video Technology: Yes | Idle States: Yes | Processor family: Intel® Core™ i5 | Processor operating modes: 64-bit | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 120 Hz | On-board graphics card ID: 0x4692 / 0x4682 | On-board graphics card DirectX version: 12.0 | Processor codename: Alder Lake | Maximum number of PCI Express lanes: 20 | Memory bandwidth (max): 76.8 GB/s | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Processor package size: 45 x 37.5 mm | Execute Disable Bit: Yes | Intel® Secure Key: Yes | On-board graphics card: Yes | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Intel® Optane™ Memory Ready: Yes | Harmonized System (HS) code: 8542310001 | Discrete graphics card: No | Thermal Monitoring Technologies: Yes | Commodity Classification Automated Tracking System (CCATS): G167599 | Performance cores: 6 | Intel® OS Guard: Yes | Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | Processor threads: 12 | Supported instruction sets: SSE4.1 | Target market: Gaming | On-board graphics card OpenGL version: 4.5 | Market segment: Desktop | Maximum internal memory: 128 GB | Processor generation: 12th gen Intel® Core™ i5 | On-board graphics card dynamic frequency (max): 1450 MHz | Embedded options available: No | Processor socket: LGA 1700 | Use conditions: PC/Client/Tablet | Performance-core base frequency: 2.5 GHz | Launch date: Q1'22 | Processor base power: 65 W | Export Control Classification Number (ECCN): 5A992CN3 | 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. | On-board graphics card base frequency: 300 MHz | Multi-Format Codec Engines: 1 | Intel® Control-flow Enforcement Technology (CET): Yes | Direct Media Interface (DMI) Revision: 4.0 | Maximum number of DMI lanes: 8 | Intel® Thread Director: No | Performance-core boost frequency: 4.4 GHz | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes

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