

# Intel Core i5- 14400 processor 20 MB Smart Cache Box



Model: BX8071514400

Manufacturer: INTEL

EAN: 5032037279130

Product Code: 937116

## R4,510

PCI Express slots version: 5.0 | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Thermal Monitoring Technologies: Yes | PCI Express slots version: 4.0 | On-board graphics card DirectX version: 12.0 | Processor package size: 45 x 37.5 mm | Discrete graphics card model: Not available | Number of execution units: 24 | Maximum internal memory: 192 GB | On-board graphics card maximum resolution (eDP - Integrated Flat Panel): 5120 x 3200 pixels | On-board graphics card maximum resolution (DisplayPort): 7680 x 4320 pixels | On-board graphics card maximum resolution (HDMI): 4096 x 2160 pixels | Performance-core base frequency: 2.5 GHz | Performance cores: 6 | OpenCL version: 3.0 | CPU configuration (max): 1 | Commodity Classification Automated Tracking System (CCATS): 740.17B1 | Intel® Quick Sync Video Technology: Yes | Efficient-core base frequency: 1.8 GHz | Harmonized System (HS) code: 8542310001 | Intel® Thread Director: Yes | Supported instruction sets: AVX 2.0 | On-board graphics card outputs supported: Embedded DisplayPort (eDP) 1.4b | Direct Media Interface (DMI) Revision: 4.0 | Intel® Standard Manageability (ISM): Yes | Use conditions: PC/Client/Tablet | Supported instruction sets: SSE4.2 | Processor generation: Intel® Core™ i5 (14th gen) | Maximum number of DMI lanes: 8 | Supported

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instruction sets: SSE4.1 | Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | On-board graphics card outputs supported: DisplayPort 1.4a | Processor boost frequency: 4.7 GHz | On-board graphics card ID: 0x4682/0xA782 | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Processor cache: 20 MB | Processor threads: 16 | Performance-core boost frequency: 4.7 GHz | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | Processor codename: Raptor Lake | Status: Launched | Intel® OS Guard: Yes | Memory types supported by processor: DDR5-SDRAM | Processor family: Intel® Core™ i5 | Maximum internal memory supported by processor: 192 GB | Memory types supported by processor: DDR4-SDRAM | Processor operating modes: 64-bit | Tjunction: 100 °C | Efficient cores: 4 | Processor cache type: Smart Cache | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Enhanced Intel SpeedStep Technology: Yes | Execute Disable Bit: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Discrete graphics card: No | Maximum number of PCI Express lanes: 20 | Memory bandwidth (max): 76.8 GB/s | Intel® Secure Key: Yes | On-board graphics card: Yes | Processor manufacturer: Intel | Maximum turbo power: 148 W | Export Control Classification Number (ECCN): 5A992C | Multi-Format Codec Engines: 1 | Embedded options available: Yes | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Efficient-core boost frequency: 3.5 GHz | Processor base power: 65 W | Intel 64: Yes | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | On-board graphics card OpenGL version: 4.5 | Market segment: Desktop | Processor ARK ID: 236788 | On-board graphics card model: Intel UHD Graphics 730 | Cooler included: Yes | Idle States: Yes | Processor cores: 10 | Processor socket: LGA 1700 | Mode-based Execute Control (MBE): Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | L2 cache: 9728 KB | Processor model: i5-14400 | On-board graphics card dynamic frequency (max): 1550 MHz | Number of displays supported (on-board graphics): 4 | Intel® Boot Guard: Yes | Intel® Volume Management Device (VMD): Yes | Graphics output: eDP 1.4b, DP 1.4a, HDMI 2.1 | Launch date: Q1'24 | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | Intel® Speed Shift Technology: Yes | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 120 Hz

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