

Intel Core i5- 14400 processor 20 MB Smart Cache Box



Model: BX8071514400

Manufacturer: INTEL

EAN: 5032037279130

Product Code: 1249693

R4,523

PCI Express slots version: 4.0 | Processor package size: 45 x 37.5 mm | PCI Express slots version: 5.0
| PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Thermal Monitoring
Technologies: Yes | Discrete graphics card model: Not available | Number of execution units: 24 | On-
board graphics card DirectX version: 12.0 | Maximum internal memory: 192 GB | On-board graphics
card maximum resolution (eDP - Integrated Flat Panel): 5120 x 3200 pixels | Commodity
Classification Automated Tracking System (CCATS): 740.17B1 | Performance-core base frequency:
2.5 GHz | Intel® Control-flow Enforcement Technology (CET): Yes | Processor codename: Raptor Lake
| Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Processor boost frequency: 4.7
GHz | Tjunction: 100 °C | Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Processor family:
Intel® Core™ i5 | Enhanced Intel SpeedStep Technology: Yes | Embedded options available: Yes |
Intel Virtualization Technology for Directed I/O (VT-d): Yes | Efficient-core boost frequency: 3.5 GHz |
Processor base power: 65 W | Processor cores: 10 | Maximum number of PCI Express lanes: 20 | On-
board graphics card maximum resolution (DisplayPort): 7680 x 4320 pixels | On-board graphics card
maximum resolution (HDMI): 4096 x 2160 pixels | Export Control Classification Number (ECCN):

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

5A992C | Use conditions: PC/Client/Tablet | On-board graphics card model: Intel UHD Graphics 730 | CPU configuration (max): 1 | Intel® Turbo Boost Technology: 2.0 | Performance cores: 6 | Efficient cores: 4 | Maximum number of DMI lanes: 8 | Efficient-core base frequency: 1.8 GHz | Intel® Thread Director: Yes | Graphics output: eDP 1.4b, DP 1.4a, HDMI 2.1 | Multi-Format Codec Engines: 1 | Intel® Standard Manageability (ISM): Yes | Direct Media Interface (DMI) Revision: 4.0 | Intel® Volume Management Device (VMD): Yes | Processor generation: Intel® Core™ i5 (14th gen) | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Performance-core boost frequency: 4.7 GHz | Maximum turbo power: 148 W | Mode-based Execute Control (MBE): Yes | Intel® Boot Guard: Yes | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | Intel® OS Guard: Yes | Intel® Speed Shift Technology: Yes | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz | L2 cache: 9728 KB | Cooler included: Yes | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 120 Hz | Discrete graphics card: No | Processor cache type: Smart Cache | Maximum internal memory supported by processor: 192 GB | Memory types supported by processor: DDR4-SDRAM | Memory types supported by processor: DDR5-SDRAM | On-board graphics card outputs supported: Embedded DisplayPort (eDP) 1.4b | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | Intel® Secure Key: Yes | On-board graphics card outputs supported: DisplayPort 1.4a | Launch date: Q1'24 | Processor threads: 16 | Processor operating modes: 64-bit | Intel Virtualization Technology (VT-x): Yes | Harmonized System (HS) code: 8542310001 | Market segment: Desktop | On-board graphics card OpenGL version: 4.5 | Supported instruction sets: SSE4.1 | On-board graphics card ID: 0x4682/0xA782 | Processor cache: 20 MB | Intel® AES New Instructions (Intel® AES-NI): Yes | On-board graphics card: Yes | Execute Disable Bit: Yes | Processor ARK ID: 236788 | Memory bandwidth (max): 76.8 GB/s | Supported instruction sets: AVX 2.0 | Processor model: i5-14400 | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Processor socket: LGA 1700 | Intel 64: Yes | Scalability: 1S | OpenCL version: 3.0 | On-board graphics card dynamic frequency (max): 1550 MHz | Number of displays supported (on-board graphics): 4 | Idle States: Yes | Processor manufacturer: Intel | Status: Launched | Intel® Quick Sync Video Technology: Yes | Supported instruction sets: SSE4.2

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