

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



Model: BX8071514400F

Manufacturer: INTEL

EAN: 5032037279147

Product Code: 609603

R4,402

Intel® vPro™ Platform Eligibility: Yes | Discrete graphics card: No | Enhanced Intel SpeedStep Technology: Yes | Intel Stable Image Platform Program (SIPP): Yes | Maximum number of PCI Express lanes: 20 | Processor manufacturer: Intel | Memory bandwidth (max): 76.8 GB/s | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Maximum internal memory supported by processor: 192 GB | Memory types supported by processor: DDR4-SDRAM | Status: Launched | Processor cache: 20 MB | Bus type: DMI4 | Launch date: Q1'24 | Intel 64: Yes | Processor threads: 16 | Memory channels: Dual-channel | Market segment: Desktop | Processor cache type: Smart Cache | Supported instruction sets: SSE4.1 | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Idle States: Yes | Intel® Secure Key: Yes | Processor family: Intel® Core™ i5 | Memory types supported by processor: DDR5-SDRAM | Supported instruction sets: AVX 2.0 | On-board graphics card: No | Supported instruction sets: SSE4.2 | Box: Yes | Scalability: 1S | Intel® Clear Video HD Technology (Intel® CVT

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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HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Processor cores: 10 | Intel® OS Guard: Yes | Tjunction: 100 °C | OpenCL version: 3.0 | Processor model: i5-14400F | Processor operating modes: 64-bit | Intel Trusted Execution Technology: Yes | Execute Disable Bit: Yes | Intel® Quick Sync Video Technology: Yes | Processor socket: LGA 1700 | Mode-based Execute Control (MBE): Yes | Intel® Speed Shift Technology: Yes | Intel® Active Management Technology (Intel® AMT): Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel® Volume Management Device (VMD): Yes | Intel Turbo Boost Max Technology 3.0: No | Intel® Boot Guard: Yes | Performance-core base frequency: 2.5 GHz | Performance cores: 6 | Maximum number of DMI lanes: 8 | Intel® Thread Director: Yes | Maximum turbo power: 148 W | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Hardware Shield Eligibility: Yes | Processor base power: 65 W | Performance-core boost frequency: 4,7 GHz | Intel® Remote Platform Erase (RPE): Yes | Efficient cores: 4 | Intel® Total Memory Encryption - Multi Key: Yes | CPU configuration (max): 1 | Maximum internal memory: 192 GB | Processor codename: Raptor Lake | Processor package size: 45 x 37.5 mm | Thermal Monitoring Technologies: Yes | Embedded options available: Yes | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | PCI Express slots version: 4.0 | PCI Express slots version: 5.0 | Intel® Turbo Boost Technology: 2.0 | Intel vPro® Essentials Platform Eligibility: Yes | Direct Media Interface (DMI) Revision: 4.0 | Intel vPro® Enterprise Platform Eligibility: Yes | Intel® Threat Detection Technology (TDT): Yes | Processor generation: Intel® Core™ i5 14th generation | Intel® Standard Manageability (ISM): Yes | Intel® One-Click Recovery: Yes | Use conditions: PC/Client/Tablet | Use conditions: Workstation | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Intel® Virtualization Technology with Redirect Protection (VT-rp): Yes | Warnings: Ensure that the CPU is properly mounted in the CPU socket to avoid damage. | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact. | Warnings: Be careful when handling the processor to avoid damaging the delicate pins.

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