

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



Model: BX8071514400F

Manufacturer: INTEL

EAN: 5032037279147

Product Code: 937112

R4,316

Supported instruction sets: SSE4.2 | Processor threads: 16 | Scalability: 1S | Status: Launched |
Supported instruction sets: AVX 2.0 | Processor manufacturer: Intel | Supported instruction sets:
SSE4.1 | Processor cache type: Smart Cache | Intel® Speed Shift Technology: Yes | Memory
channels: Dual-channel | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel Turbo
Boost Max Technology 3.0: No | Processor operating modes: 64-bit | Intel® Volume Management
Device (VMD): Yes | Bus type: DMI4 | Intel VT-x with Extended Page Tables (EPT): Yes | Memory
bandwidth supported by processor (max): 76.8 GB/s | Maximum number of PCI Express lanes: 20 |
Intel 64: Yes | OpenCL version: 3.0 | Intel® Quick Sync Video Technology: Yes | Tjunction: 100 °C |
Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Intel® vPro™ Platform Eligibility: Yes |
Maximum internal memory supported by processor: 192 GB | Processor family: Intel® Core™ i5 |
Intel Trusted Execution Technology: Yes | Memory types supported by processor: DDR5-SDRAM |
Intel Stable Image Platform Program (SIPP): Yes | Processor cache: 20 MB | Memory types supported

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by processor: DDR4-SDRAM | Execute Disable Bit: Yes | Launch date: Q1'24 | Intel® Secure Key: Yes | Processor model: i5-14400F | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Processor socket: LGA 1700 | On-board graphics card: No | Processor cores: 10 | Box: Yes | Discrete graphics card: No | Intel® Boot Guard: Yes | Idle States: Yes | Mode-based Execute Control (MBE): Yes | Enhanced Intel SpeedStep Technology: Yes | Intel® Active Management Technology (Intel® AMT): Yes | Memory bandwidth (max): 76.8 GB/s | Intel® OS Guard: Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Market segment: Desktop | Intel® Total Memory Encryption - Multi Key: Yes | Intel® Remote Platform Erase (RPE): Yes | Intel® Hardware Shield Eligibility: Yes | Embedded options available: Yes | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Thermal Monitoring Technologies: Yes | Processor package size: 45 x 37.5 mm | Maximum internal memory: 192 GB | CPU configuration (max): 1 | Processor codename: Raptor Lake | PCI Express slots version: 4.0 | PCI Express slots version: 5.0 | Intel® Turbo Boost Technology: 2.0 | Performance cores: 6 | Performance-core base frequency: 2.5 GHz | Processor base power: 65 W | Intel® Threat Detection Technology (TDT): Yes | Intel vPro® Essentials Platform Eligibility: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Maximum number of DMI lanes: 8 | Use conditions: PC/Client/Tablet | Use conditions: Workstation | Intel vPro® Enterprise Platform Eligibility: Yes | Direct Media Interface (DMI) Revision: 4.0 | Intel® Virtualization Technology with Redirect Protection (VT-rp): Yes | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Intel® Standard Manageability (ISM): Yes | Processor generation: Intel® Core™ i5 14th generation | Intel® One-Click Recovery: Yes | Performance-core boost frequency: 4,7 GHz | Intel® Thread Director: Yes | Efficient cores: 4 | Maximum turbo power: 148 W | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact. | Warnings: Ensure that the CPU is properly mounted in the CPU socket to avoid damage. | Warnings: Be careful when handling the processor to avoid damaging the delicate pins.

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