

Intel Core i5-14600KF processor 24 MB Smart Cache Box



Model: BX8071514600KF

Manufacturer: INTEL

EAN: 5032037278461

Product Code: 995010

R5,849

Harmonized System (HS) code: 8542310001 | Market segment: Desktop | Thermal solution specification: PCG 2020A | Box: Yes | Maximum number of DMI lanes: 8 | Processor generation: Intel® Core™ i5 (14th gen) | Supported instruction sets: AVX 2.0 | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact. | Mode-based Execute Control (MBE): Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Supported instruction sets: SSE4.2 | Export Control Classification Number (ECCN): 5A992C | Status: Launched | Warnings: Ensure that the CPU is properly mounted in the CPU socket to avoid damage. | Intel® Standard Manageability (ISM): Yes | Supported instruction sets: SSE4.1 | Memory types supported by processor: DDR5-SDRAM | Intel® Volume Management Device (VMD): Yes | Direct Media Interface (DMI) Revision: 4.0 | Maximum turbo power: 181 W | Intel® Control-flow Enforcement Technology (CET): Yes | Maximum internal memory supported by processor: 192 GB | Memory types supported by processor: DDR4-SDRAM | Processor base power:

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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125 W | Intel® Boot Guard: Yes | Performance-core base frequency: 3.5 GHz | Commodity Classification Automated Tracking System (CCATS): 740.17B1 | Cooler included: No | Use conditions: PC/Client/Tablet | Launch date: Q4'23 | Performance-core boost frequency: 5.3 GHz | Efficient cores: 8 | L2 cache: 20480 KB | Performance cores: 6 | Scalability: 1S | Intel® Thread Director: Yes | Memory bandwidth supported by processor (max): 89.6 GB/s | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Intel® Speed Shift Technology: Yes | Discrete graphics card model: Not available | On-board graphics card: No | Processor operating modes: 64-bit | Thermal Monitoring Technologies: Yes | Enhanced Intel SpeedStep Technology: Yes | Processor package size: 45 x 37.5 mm | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Processor family: Intel® Core™ i5 | Memory bandwidth (max): 89.6 GB/s | Processor codename: Raptor Lake | Intel® Secure Key: Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel 64: Yes | Processor cache: 24 MB | Discrete graphics card: No | On-board graphics card model: Not available | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Execute Disable Bit: Yes | Processor manufacturer: Intel | Processor socket: LGA 1700 | CPU configuration (max): 1 | Processor model: i5-14600KF | Tjunction: 100 °C | Processor cores: 14 | Processor threads: 20 | Memory channels: Dual-channel | Intel® OS Guard: Yes | Stepping: B0 | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Idle States: Yes | Non-ECC: Yes | Maximum number of PCI Express lanes: 20 | Embedded options available: No | Intel® Turbo Boost Technology: 2.0 | Maximum internal memory: 192 GB | Processor ARK ID: 236778 | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | PCI Express slots version: 4.0 | Intel VT-x with Extended Page Tables (EPT): Yes

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