

Intel Core i3-14100F processor 12 MB Smart Cache Box



Model: BX8071514100F

Manufacturer: INTEL

EAN: 5032037279093

Product Code: 946742

R2,954

Processor operating modes: 64-bit | Processor family: Intel® Core™ i3 | Non-ECC: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Processor cache: 12 MB | Launch date: Q1'24 | Tjunction: 100 °C | Intel® Volume Management Device (VMD): Yes | Idle States: Yes | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Discrete graphics card: No | Intel 64: Yes | Embedded options available: Yes | Intel® Secure Key: Yes | Enhanced Intel SpeedStep Technology: Yes | Processor manufacturer: Intel | OpenCL version: 3.0 | CPU configuration (max): 1 | Intel® Quick Sync Video Technology: Yes | Maximum internal memory supported by processor: 192 GB | Memory types supported by processor: DDR4-SDRAM | Execute Disable Bit: Yes | Intel® Boot Guard: Yes | Supported instruction sets: AVX 2.0 | L2 cache: 5120 KB | Cooler included: Yes | Supported instruction sets: SSE4.1 | Memory types supported by processor: DDR5-SDRAM | Processor threads: 8 | Supported instruction sets: SSE4.2 | Processor model: i3-14100F | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | Box: Yes | Status: Launched | Processor cores: 4 | Processor socket: LGA 1700 |

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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Memory channels: Dual-channel | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Memory bandwidth (max): 76.8 GB/s | Intel Turbo Boost Max Technology 3.0: No | Processor codename: Raptor Lake | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Processor package size: 45 x 37.5 mm | Thermal Monitoring Technologies: Yes | Intel® OS Guard: Yes | Mode-based Execute Control (MBE): Yes | On-board graphics card: No | Intel Virtualization Technology (VT-x): Yes | Maximum internal memory: 192 GB | PCI Express slots version: 4.0 | Intel® Speed Shift Technology: Yes | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | Bus type: DMI4 | Market segment: Desktop | Maximum number of PCI Express lanes: 20 | Direct Media Interface (DMI) Revision: 4.0 | Processor base power: 58 W | Performance-core base frequency: 3.5 GHz | Use conditions: PC/Client/Tablet | Maximum number of DMI lanes: 8 | Intel® Thread Director: No | Performance-core boost frequency: 4,7 GHz | Performance cores: 4 | Maximum turbo power: 110 W | Intel® Threat Detection Technology (TDT): Yes | Intel® Standard Manageability (ISM): Yes | Processor generation: Intel Core i3-14xxx | Warnings: Do not use excessive force when assembling or disassembling the processor. | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Intel® Control-flow Enforcement Technology (CET): Yes

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