

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



Model: BX8071514100F

Manufacturer: INTEL

EAN: 5032037279093

Product Code: 1259007

R2,896

Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Thermal Monitoring Technologies: Yes | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | Processor codename: Raptor Lake | Processor package size: 45 x 37.5 mm | Bus type: DMI4 | Supported instruction sets: SSE4.2 | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | Supported instruction sets: SSE4.1 | CPU configuration (max): 1 | Status: Launched | Tjunction: 100 °C | Intel® Volume Management Device (VMD): Yes | Box: Yes | Processor operating modes: 64-bit | Embedded options available: Yes | Intel 64: Yes | Performance cores: 4 | Processor threads: 8 | Processor manufacturer: Intel | Maximum number of DMI lanes: 8 | Supported instruction sets: AVX 2.0 | Processor model: i3-14100F | Discrete graphics card: No | Memory bandwidth (max): 76.8 GB/s | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Maximum internal memory: 192 GB | Processor generation: Intel Core i3-14xxx | PCI Express slots version: 5.0 | Processor cache type:

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

Smart Cache | On-board graphics card: No | Processor cache: 12 MB | Processor cores: 4 | Intel® OS Guard: Yes | Enhanced Intel SpeedStep Technology: Yes | Memory types supported by processor: DDR5-SDRAM | Intel VT-x with Extended Page Tables (EPT): Yes | Memory bandwidth supported by processor (max): 76.8 GB/s | Intel® Speed Shift Technology: Yes | Intel® Standard Manageability (ISM): Yes | Intel® Quick Sync Video Technology: Yes | Processor family: Intel® Core™ i3 | Maximum internal memory supported by processor: 192 GB | Memory types supported by processor: DDR4-SDRAM | Processor base power: 58 W | Non-ECC: Yes | Execute Disable Bit: Yes | Market segment: Desktop | OpenCL version: 3.0 | Intel Virtualization Technology (VT-x): Yes | Intel® Boot Guard: Yes | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Mode-based Execute Control (MBE): Yes | Use conditions: PC/Client/Tablet | PCI Express slots version: 4.0 | Maximum number of PCI Express lanes: 20 | Intel® Threat Detection Technology (TDT): Yes | Performance-core base frequency: 3.5 GHz | Memory channels: Dual-channel | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel Turbo Boost Max Technology 3.0: No | Intel® Secure Key: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Maximum turbo power: 110 W | Processor socket: LGA 1700 | L2 cache: 5120 KB | Cooler included: Yes | Intel® Thread Director: No | Performance-core boost frequency: 4,7 GHz | Idle States: Yes | Direct Media Interface (DMI) Revision: 4.0 | Launch date: Q1'24 | Warnings: Do not use excessive force when assembling or disassembling the processor.

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