



CPU INTEL Desktop Intel Core i7 i7- 14700F Raptor Lake 2100 MHz Cores 20 33MB Socket LGA1700 65 Watts BOX BX8071514700FSRN3Z

Model: BX8071514700F S RN3Z

Manufacturer: INTEL

EAN: 5032037279260

Product Code: 551965

R7,909

i7-14700F | Intel® Core™ i7 | 20xProcessor cores | Processor socket LGA 1700 | Processor threads 28 | Processor operating modes 64-bit | Processor cache 33 MB | Package Box | Cooler included Yes | Stepping B0 | Processor codename Raptor Lake | Memory channels Dual-channel | Market segment Desktop | Intel Core i7 | i7-14700F Summary: Intel Core i7-14700F. Processor family: Intel® Core™ i7, Processor socket: LGA 1700, Package type: Box. Memory channels: Dual-channel, Maximum internal memory supported by processor: 192 GB, Memory types supported by processor: DDR4-

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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SDRAM, DDR5-SDRAM. Market segment: Desktop, Use conditions: PC/Client/Tablet, PCI Express slots version: 4.0, 5.0. Intel® Turbo Boost Max Technology 3.0 frequency: 5.4 GHz. Processor package size: 45 x 37.5 mm | Vendor Homepage: <https://ark.intel.com/content/www/us/en/ark/products/236854/intel-core-i7-processor-14700f-33m-cache-up-to-5-40-ghz.html> | Processor manufacturer: Intel | Processor generation: Intel® Core™ i7 (14th gen) | Processor model: i7-14700F | Processor family: Intel® Core™ i7 | Processor cores: 20 | Processor socket: LGA 1700 | Processor threads: 28 | Processor operating modes: 64-bit | Performance cores: 8 | Efficient cores: 12 | Processor boost frequency: 5.4 | Performance-core boost frequency: 5.3 | Performance-core base frequency: 2.1 | Efficient-core boost frequency: 4.2 | Efficient-core base frequency: 1.5 | Processor cache: 33 | Processor cache type: Smart Cache | Package type: Box | Cooler included: Yes | Maximum turbo power: 219 | Processor base power: 65 | Stepping: B0 | Maximum number of DMI lanes: 8 | Memory bandwidth supported by processor (max): 89.6 | Processor codename: Raptor Lake | Processor ARK ID: 236854 | Maximum internal memory supported by processor: 192 | Memory types supported by processor: DDR4-SDRAM/DDR5-SDRAM | Memory channels: Dual-channel | Memory bandwidth (max): 89.6 | Discrete graphics card: No | On-board graphics card: No | On-board graphics card model: Not available | Discrete graphics card model: Not available | Execute Disable Bit: Yes | Idle States: Yes | Thermal Monitoring Technologies: Yes | Market segment: Desktop | Use conditions: PC/Client/Tablet | Maximum number of PCI Express lanes: 20 | PCI Express slots version: 4.0/5.0 | PCI Express configurations: 1x16+1x4/2x8+1x4 | Supported instruction sets: AVX 2.0/SSE4.1/SSE4.2 | CPU configuration (max): 1 | Direct Media Interface (DMI) Revision: 4.0 | Embedded options available: No | Scalability: 1S | Export Control Classification Number (ECCN): 5A992C | Commodity Classification Automated Tracking System (CCATS): 740.17B1 | Enhanced Intel SpeedStep Technology: Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Intel® Speed Shift Technology: Yes | Intel® Turbo Boost Technology: 2.0 | Intel® Turbo Boost Max Technology 3.0 frequency: 5.4 | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Thread Director: Yes | Intel 64: Yes | Intel Turbo Boost Max Technology 3.0: Yes | Intel Virtualization Technology (VT-x): Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel VT-x with Extended Page Tables (EPT): Yes | Intel® Boot Guard: Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel® OS Guard: Yes | Intel® Secure Key: Yes | Intel® Standard Manageability (ISM): Yes | Intel® Volume Management Device (VMD): Yes | Mode-based Execute Control (MBE): Yes | Tjunction: 100 | Launch date: Q1'24 | Status: Launched | Harmonized System (HS) code: 8542310001 | Processor package size: 45 x 37.5 | L2 cache: 28672 | Maximum internal memory: 192 | Unit Calculated Weight: 0.507 | Product Net

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Weight: 0.03 | Unit Calculated Volume: 0.001279 | Units per Shipping Box: 5 | Unit Width: 8 |
Shipping Box Height: 12 | Unit Depth: 11 | Unit Height: 12 | Name: CPU CORE I7-14700F S1700
BOX/2.1G BX8071514700F S RN3Z IN | Model: Intel Core i7 14700F (BX8071514700F S RN3Z) | CPU
Family name: Intel Core i7 | Model number: i7-14700F

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