



# Intel Core i7-14700K processor 33 MB Smart Cache Tray



Modelis: CM8071504820721

Gamintojas: INTEL

Prekės kodas: 458028

## 411.99€

PCI Express slots version: 4.0 | Stepping: B0 | Thermal Monitoring Technologies: Yes | PCI Express slots version: 5.0 | Maximum internal memory: 192 GB | Intel® Turbo Boost Technology: 2.0 | Maximum number of PCI Express lanes: 20 | Processor threads: 28 | Processor boost frequency: 5.6 GHz | Embedded options available: No | Intel® Clear Video HD Technology (Intel® CVT HD): Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | On-board graphics card DirectX version: 12.0 | Intel® Hyper Threading Technology (Intel® HT Technology): Yes | Processor package size: 45 x 37.5 mm | Intel® Quick Sync Video Technology: Yes | Processor codename: Raptor Lake | Processor cores: 20 | Processor family: Intel® Core™ i7 | Processor model: i7-14700K | CPU configuration (max): 1 | PCI Express configurations: 1x16+1x4 | PCI Express configurations: 2x8+1x4 | On-board graphics card model: Intel UHD Graphics 770 | Enhanced Intel SpeedStep Technology: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Number of execution units: 32 | Discrete graphics card model: Not available | Processor operating modes: 64-bit | Tjunction: 100 °C | Warnings: Avoid shocks and drops so as not to damage delicate components. | Warnings: Do not touch the processor

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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pins to avoid electrostatic damage. | Warnings: Ensure that the processor is adequately cooled to prevent overheating. | Intel® Volume Management Device (VMD): Yes | Intel® Secure Key: Yes | On-board graphics card OpenGL version: 4.5 | Number of displays supported (on-board graphics): 4 | On-board graphics card dynamic frequency (max): 1600 MHz | Memory bandwidth (max): 89.6 GB/s | Thermal solution specification: PCG 2020A | On-board graphics card outputs supported: Embedded DisplayPort (eDP) 1.4b | Graphics output: eDP 1.4b, DP 1.4a, HDMI 2.1 | Discrete graphics card: No | Intel Turbo Boost Max Technology 3.0: Yes | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Mode-based Execute Control (MBE): Yes | On-board graphics card maximum resolution (DisplayPort): 7680 x 4320 pixels | On-board graphics card outputs supported: DisplayPort 1.4a | Processor ARK ID: 236783 | Execute Disable Bit: Yes | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 120 Hz | Market segment: Desktop | Performance-core boost frequency: 5.5 GHz | Direct Media Interface (DMI) Revision: 4.0 | On-board graphics card maximum resolution (HDMI): 4096 x 2160 pixels | On-board graphics card ID: 0xA780 | Processor cache: 33 MB | Launch date: Q4'23 | On-board graphics card maximum resolution (eDP - Integrated Flat Panel): 5120 x 3200 pixels | Intel® OS Guard: Yes | Use conditions: PC/Client/Tablet | Use conditions: Workstation | L2 cache: 28672 KB | Intel 64: Yes | Harmonized System (HS) code: 8542310001 | Processor manufacturer: Intel | Maximum number of DMI lanes: 8 | Performance cores: 8 | Idle States: Yes | Maximum internal memory supported by processor: 192 GB | Memory types supported by processor: DDR4-SDRAM | ECC: Yes | Memory types supported by processor: DDR5-SDRAM | Commodity Classification Automated Tracking System (CCATS): 740.17B1 | Performance-core base frequency: 3.4 GHz | Processor socket: LGA 1700 | OpenCL version: 3.0 | On-board graphics card base frequency: 300 MHz | Memory bandwidth supported by processor (max): 89.6 GB/s | Processor cache type: Smart Cache | Efficient-core boost frequency: 4.3 GHz | Intel® Thread Director: Yes | Intel® Speed Shift Technology: Yes | Intel® Boot Guard: Yes | Scalability: 1S | Supported instruction sets: AVX 2.0 | Supported instruction sets: SSE4.1 | Supported instruction sets: SSE4.2 | Processor generation: Intel® Core™ i7 (14th gen) | Intel® Standard Manageability (ISM): Yes | Efficient-core base frequency: 2.5 GHz | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz | Intel VT-x with Extended Page Tables (EPT): Yes | Export Control Classification Number (ECCN): 5A992C | Status: Launched | Processor base power: 125 W | Multi-Format Codec Engines: 2 | Intel® Turbo Boost Max Technology 3.0 frequency: 5.6 GHz | Efficient cores: 12 | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0: Yes | On-board graphics card: Yes | Intel Virtualization Technology (VT-x): Yes | **Maximum turbo power: 253 W | Intel® Control-flow Enforcement Technology (CET): Yes**

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