

CPU AMD
Desktop AMD
Ryzen™ 7 8700F
4.1 GHz 8xCores
Cache 16 MB
Socket Socket
AM5 TDP 65 W
Tray 100-
000001590



Model: 100-000001590

Manufacturer: AMD

Product Code: 621359

R3,721

AMD Ryzen 7 8700F processor is the starting point for a serious gaming PC.

Summary: AMD Ryzen 7 8700F. Processor family: AMD Ryzen™ 7, Processor socket: Socket AM5, Processor lithography: 4 nm. Neural processor unit (NPU): AMD Ryzen AI, NPU performance up to: 16 TOPs. Memory channels: Dual-channel, Memory types supported by processor: DDR5-SDRAM, Memory clock speeds supported by processor: 3600,5200 MHz. Market segment: Desktop, Supported instruction sets: AES, AVX, AVX 2.0, AVX-512, MMX, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSSE3,

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Compatible operating systems: Windows 11/10 x64, RHEL x86 64-bit, Ubuntu x86 64-bit | Vendor Homepage: <https://www.amd.com/en/products/processors/desktops/ryzen/8000-series/amd-ryzen-7-8700f.html> | Configurable TDP-down: 45 | Configurable TDP-up: 65 | Cooler included: No | Package type: Tray | Processor base frequency: 4.1 | Processor boost frequency: 5 | Processor cache: 16 | Processor cache type: L3 | Processor cores: 8 | Processor family: AMD Ryzen™ 7 | Processor generation: AMD Ryzen 8000 Series | Processor lithography: 4 | Processor manufacturer: AMD | Processor model: 8700F | Processor operating modes: 64-bit | Processor socket: Socket AM5 | Processor threads: 16 | Thermal Design Power (TDP): 65 | Neural processor unit (NPU): AMD Ryzen AI | NPU performance up to: 16 | Memory channels: Dual-channel | Memory clock speeds supported by processor: 3600/5200 | Memory types supported by processor: DDR5-SDRAM | Discrete graphics card: No | Discrete graphics card model: Not available | On-board graphics card: No | On-board graphics card model: Not available | Compatible operating systems: Windows 11/10 x64, RHEL x86 64-bit, Ubuntu x86 64-bit | Market segment: Desktop | Maximum number of PCI Express lanes: 20 | PCI Express slots version: 4.0 | Supported instruction sets: AES/AVX/AVX 2.0/AVX-512/MMX/SSE/SSE2/SSE3/SSE4.1/SSE4.2/SSSE3 | USB ports quantity: 5 | Units per Shipping Box: 1 | Unit Calculated Volume: 8E-06 | Unit Calculated Weight: 0.05

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