

AMD Ryzen 7 8700G processor 4.2 GHz 16 MB L3 Box



Model: 100-100001236SBX

Manufacturer: AMD

EAN: 730143317696

Product Code: 1299921

R6,473

Compatible operating systems: Windows 10/11 x64, RHEL x86 64-bit, Ubuntu x86 64-bit | Processor base frequency: 4.2 GHz | Processor generation: AMD Ryzen 8000 Series | Configurable TDP-up: 65 W | On-board graphics card: Yes | Discrete graphics card: No | Maximum number of PCI Express lanes: 20 | On-board graphics card model: AMD Radeon 780M | Processor model: 8700G | Processor cores: 8 | Processor manufacturer: AMD | Processor cache type: L3 | PCI Express slots version: 4.0 | Discrete graphics card model: Not available | On-board graphics card DirectX version: 12.0 | Thermal Design Power (TDP): 65 W | On-board graphics card base frequency: 2900 MHz | Memory clock speeds supported by processor: 3600 | Processor lithography: 4 nm | Processor boost frequency: 5.1 GHz | Processor cache: 16 MB | Processor threads: 16 | Processor socket: Socket AM5 | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | On-board graphics card outputs supported: DisplayPort 2.1 | Memory clock speeds supported by processor: 5200 MHz | Processor operating modes: 64-bit | Processor family: AMD Ryzen™ 7 | Supported instruction sets: SSE3 | Supported instruction sets: SSE | Supported instruction sets: AVX-512 | Supported instruction sets: SSE4.1 | Supported instruction sets: SSE2 | Supported instruction sets: SSE4.2 | Supported

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instruction sets: AES | Supported instruction sets: SSSE3 | Supported instruction sets: MMX | USB
ports quantity: 5 | Maximum internal memory supported by processor: 256 GB | Configurable TDP-
down: 45 W | On-board graphics card maximum resolution (DisplayPort): 7680 x 4320 pixels |
Memory types supported by processor: DDR5-SDRAM | Supported instruction sets: AVX | Market
segment: Desktop | Cooler included: Yes | Supported instruction sets: AVX 2.0 | On-board graphics
card refresh rate at maximum resolution (DisplayPort): 60 Hz | NPU performance up to: 16 TOPs |
Neural processor unit (NPU): AMD Ryzen AI

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