

CPU AMD R5-7600X AMD Ryzen 5 AMD RyzenT 5 7600X 4.7 GHz 6xCores Cache 32 MB Socket Socket AM5 TDP 105 W GPU Yes Box 100-100000593WOF

Model: 100-100000593WOF

Manufacturer: AMD

EAN: 730143314442

Product Code: 406702

R4,043

This Changes Everything

The most advanced PC processor for gamers and creators.1

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Welcome to the new era of performance. AMD Ryzen 7000 Series ushers in the speed of “Zen 4” for gamers and creators with pure power to tackle any game or workflow on the digital playground. The world’s most advanced PC processor1 for gamers and creators extends AMD performance leadership to power your PC.

Change How You Game

When your PC has the world’s most advanced desktop processor for gamers, you can focus on what really matters: being victorious on the digital battlefield. Whether you’re playing the latest titles or revisiting a classic, the AMD Ryzen™ 7000 Series processors are a gaming powerhouse with high-performance “Zen 4” cores. With up to 16 cores, 32 threads, boost clocks of up to 5.7GHz2 and up to 80MB of cache, AMD Ryzen 7000 Series processors deliver game changing performance.

The Latest Technologies

Whether you are 3D rendering a high poly scene, exporting massive video files, or visualizing an architectural dream, AMD Ryzen™ 7000 Series processors are built to beat the clock. With time-saving connectivity like PCIe® 5.0 storage support, ultra-fast WiFi® 6E, AMD EXPO™ technology, up to 32 processing threads, and dedicated video accelerators3, elevate your experience with AMD Ryzen 7000 Series processors.

Elevate Your Processing Power

AMD Ryzen™ processors have bleeding-edge technologies to support and keep you in the game.

Easy Overclocking, Game On⁴

Accelerate your gaming with AMD EXPO™ technology. Higher memory frequencies and more aggressive settings can unlock higher and smoother frame rates in your favorite games.

Precision Boost 2

Boost performance when you need it

Precision Boost 2 automatically raises processor frequencies for supercharged performance when you need it most.

Precision Boost Overdrive

Making Precision Boost 2 Even Better

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Precision Boost Overdrive5 uses your motherboard’s robust design to boost clock speeds higher and longer, and lets you overclock2 at the touch of a button.

Unlocked for Overclocking[6]

Control your processing power

Tweak and tune your AMD Ryzen processor for personalized performance using the robust AMD Ryzen Master utility.

The Future Of Ryzen™ Processors

Get fast “Zen 4” performance with AMD Socket AM5 motherboards.

The all-new AMD Ryzen 7000 Series processors are packed with state-of-the-art technologies for an effortlessly modern PC. Highlights include high-speed DDR5 memory, PCIe® 5.0 support, AMD EXPO™ one-touch memory overclocking, and hyper-efficient 5nm manufacturing. Put an AMD Socket AM5 motherboard at the heart of your rig to dominate the games you love today and tomorrow. If your PC needs the latest and greatest capabilities, insist on AMD Ryzen™ processors.

Summary: AMD Ryzen 5 7600X. Processor family: AMD Ryzen™ 5, Processor socket: Socket AM5, Package type: Box. Memory channels: Dual-channel, Maximum internal memory supported by processor: 128 GB, Memory types supported by processor: DDR5-SDRAM. On-board graphics card model: AMD Radeon Graphics, On-board graphics card base frequency: 400 MHz, On-board graphics card dynamic frequency (max): 2200 MHz. Compatible operating systems: Windows 11 - 64-Bit, Windows 10 - 64-Bit, RHEL x86 64-Bit, Ubuntu x86 64-Bit. USB version: 2.0/3.2 Gen 2 (3.1 Gen 2) | Vendor Homepage: https://www.amd.com/en/products/cpu/amd-ryzen-5-7600x | Processor manufacturer: AMD | Processor generation: AMD Ryzen 7000 Series | Processor model: 7600X | Processor base frequency: 4.7 | Processor family: AMD Ryzen™ 5 | Processor cores: 6 | Processor socket: Socket AM5 | Processor threads: 12 | Processor operating modes: 64-bit | Processor boost frequency: 5.3 | Processor cache: 32 | Processor cache type: L3 | Thermal Design Power (TDP): 105 | Package type: Box | Cooler included: No | Maximum internal memory supported by processor: 128 | Memory types supported by processor: DDR5-SDRAM | Memory clock speeds supported by processor: 5200 | Memory channels: Dual-channel | ECC: Yes | Non-ECC: Yes | Discrete graphics card: No | On-board graphics card: Yes | On-board graphics card model: AMD Radeon Graphics | On-board graphics card base frequency: 400 | On-board graphics card dynamic frequency (max): 2200 | Discrete graphics card model: Not available | PCI Express slots version: 5.0 | Compatible operating systems: Windows 11 - 64-Bit, Windows 10 - 64-Bit, RHEL x86 64-Bit, Ubuntu x86 64-Bit | USB

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version: 2.0/3.2 Gen 2 (3.1 Gen 2) | USB ports quantity: 5 | Intel® Hyper Threading Technology (Intel® HT Technology): No | Maximum operating temperature: 95 | Launch date: 9/15/2022 | L1 cache: 0.384 | L2 cache: 6000 | Unit Calculated Weight: 0.112 | Product Net Weight: 0.1 | Unit Calculated Volume: 0.0008194 | Units per Shipping Box: 10 | Unit Width: 12.5 | Units per Pallet: 0 | Shipping Box Height: 15 | Unit Depth: 12.5 | Unit Height: 3.5 | Name: CPU RYZEN X6 R5-7600X SAM5 BX/105W 100-100000593WOF AMD | Model: AMD Ryzen 5 7600X (100-100000593WOF) | CPU Family name: AMD Ryzen 5 | Model number: R5-7600X

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