

# AMD RYZEN™ 7 7800X3D PROCESSOR

## THE PERFECT GAMING PROCESSOR

With the new AMD Ryzen™ 7 7800X3D processor you can have confidence in the extreme performance you need to win today's most demanding games. No workload is off limits with the AMD Ryzen™ 7000 Series processors and AMD 3D V-Cache™ technology.

### HIGHLIGHTS

#### AMD RYZEN™ 7000 PROCESSORS WITH AMD 3D V-CACHE™ TECHNOLOGY

With the new Ryzen 7 7800X3D, AMD combines its top-end processors with cutting-edge AMD 3D V-Cache™ technology. This means that enthusiasts can harness the power of the ultimate gaming and creator performance in one. No workload is off limits with the AMD Ryzen™ 7000 X3D Series processors.

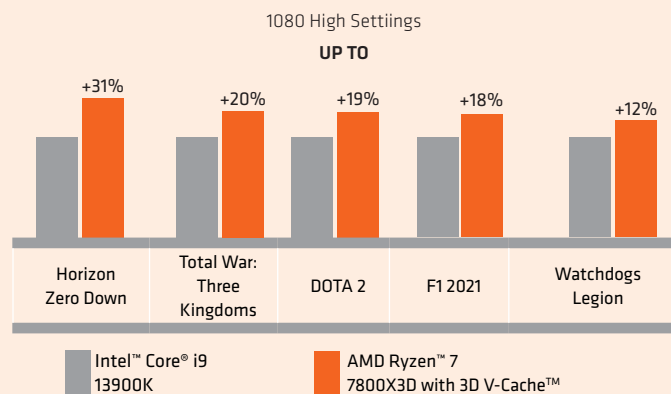
#### PRECISION BOOST OD WITH CURVE OPTIMIZER ENABLED<sup>1</sup>

More performance with one-click optimization in Ryzen™ Master application.

#### UPGRADEABLE FOR YEARS TO COME

AMD Socket AM5 motherboards deliver new features for gamers, from the speed of DDR5 memory and AMD EXPO™ technology<sup>2</sup> to the increased bandwidth with PCIe® 5.0, supported through 2025.

### GAMING PERFORMANCE - COMPETITIVE<sup>3</sup>



### AMD SOCKET AM5 PLATFORM LONGEVITY

- The Ultimate Longevity: Socket AM5 supported for future processors through 2025 and beyond
- Maximum Bandwidth: PCIe® 5.0 support for both graphics and NVMe on select motherboards
- Cutting-Edge Memory Support: no-compromise commitment to DDR5 technology
- Incredible Scalability: Up to 230W socket power delivery
- Longevity: DDR5 and PCIe® 5.0 for performance growth
- Compatibility: Works with AM4 coolers to ease platform transition

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1. GD-179 Precision Boost Overdrive with Curve Optimizer requires an AMD Ryzen Threadripper or a Ryzen 3000 Series or newer desktop processor, and a compatible motherboard. AMD Ryzen 3400G and 3200G Series processors are not compatible. Because Precision Boost Overdrive enables operation of the processor outside of AMD's published specifications, use of the feature invalidates the AMD product warranty and may also void warranties offered by the system manufacturer or retailer. Availability of Precision Boost Overdrive in pre-built OEM desktop systems will vary based on the PC manufacturer's settings. Check with the PC manufacturer prior to purchase.

2. GD-106 Overclocking and/or Undervolting AMD processors and memory, including without limitation, altering clock frequencies / multipliers or memory timing / voltage, to operate outside of AMD's published specifications will void any applicable AMD product warranty, even when enabled via AMD hardware and/or software. This may also void warranties offered by the system manufacturer or retailer. Users assume all risks and liabilities that may arise out of overclocking / undervolting AMD processors, including, without limitation, failure of or damage to hardware, reduced system performance and/or data loss, corruption or vulnerability.

3. RPL-046: Testing as of 15 March, 2023, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen 7 7800X3D, G.Skill DDR5-6000 and NZXT Kraken X63 cooler, versus ROG STRIX Z790-E GAMING WIFI Motherboard with Intel Core i9 13900K processor, G.Skill DDR5-6000, and NZXT Kraken X63 cooler. ALL SYSTEMS configured with an open air test bench, Windows 11, AMD Smart Access Memory technology ON, Virtualization-Based Security (VBS) OFF. Gaming performance calculated across 20 select titles, all at 1080p high settings. System manufacturers may vary configurations, yielding different results.

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