AMD THREADRIPPER PRO

UPGRADE TO THE ULTIMATE WORKSTATION PROCESSOR

DESIGN. BUILD. ACCELERATE.

Demanding professional workstation users rely on a variety of applications in their workflow, each with different compute requirements that, when properly addressed, yield improved performance and productivity. **AMD Ryzen™ Threadripper™ PRO 5000 WX-Series** processors build on battle-tested performance and capability to provide artists, architects, and engineers with the ability to optimize their professional workstation experience by addressing common lightly threaded and multi-threaded bottlenecks. Now featuring enhanced max boost frequencies across the entire stack and up to 26 more cores than the competing workstation processor.[1]

This unique, full-spectrum compute capability, combined with high memory capacity/bandwidth and abundant PCIe® 4.0 lanes can help yield reduced render times, more creative iterations, rapid simulation solving, quick assembly rebuilds, and smooth interactivity with 3D assets.

128 PCIe® 4.0 LANES

FOR ADVANCED GPUs AND STORAGE

UP TO 2TB OF MEMORY

TO TACKLE THE MOST DEMANDING PROJECTS

FULL-SPECTRUM COMPUTE CAPABILITY

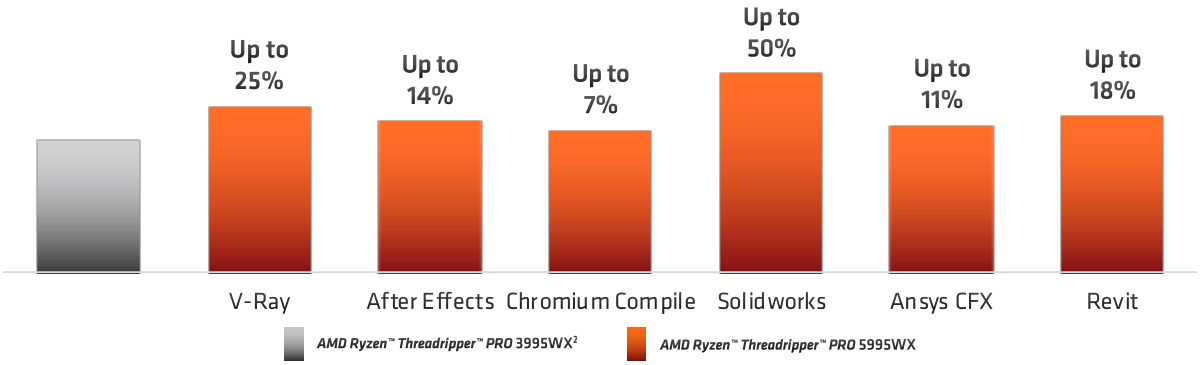
FOR LIGHTY THREADED AND MULTI-THREADED TASKS

AMD PRO TECHNOLOGIES

TO HELP WITH DATA PROTECTION AND MANAGEABILITY

UPGRADE TO THE RIGHT TOOL FOR THE JOB

AMD Ryzen™ Threadripper™ PRO 5000 WX-Series processors build on the incredible performance of the previous generation. Now with enhanced L3 cache access and improved max boost frequencies across the entire stack, AMD Ryzen™ Threadripper™ PRO delivers industry-leading full-spectrum performance for the most complex workloads. Whether you want to streamline CAD design tasks, reduce simulation solve times, or accelerate final frame rendering, AMD Ryzen™ Threadripper™ PRO 5000 WX-Series processors offer an ideal solution for your specific application and workflow.



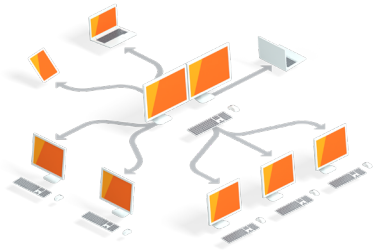
AMD PRO TECHNOLOGIES

AMD PRO technologies provide layers of security features, seamless manageability, and reliable longevity so you can work confidently and securely. AMD innovations go beyond pure processing speed because today's modern workplace needs every possible advantage.

AMD PRO SECURITY FEATURES

- Designed from the ground up with security features as a priority
- An integrated security processor helps protect confidentiality and integrity of data
- AMD Shadow Stack, for a secure workstation experience

AMD PRO MANAGEABILITY



- Remotely update and repair networked devices
- Monitor, restore, and upgrade systems
- Fix a wide range of client issues in-band and out-of-band

AMD PRO BUSINESS READY

- 18 months of planned software stability brings peace of mind
- 24 months of planned availability for a stable enterprise
- Enterprise-grade quality
- Long-term reliability

MODEL SPECIFICATIONS

Model	Cores/Threads	Boost[3]/Base Frequency	L3 Cache	Memory Channels	TDP	AMD PRO Technologies
AMD Ryzen™ Threadripper™ PRO 5995WX	64 / 128	Up to 4.5GHz / 2.7GHz	256MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5975WX	32 / 64	Up to 4.5GHz / 3.6GHz	128MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5965WX	24 / 48	Up to 4.5GHz / 3.8GHz	128MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5955WX	16 / 32	Up to 4.5GHz / 4.0GHz	64MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5945WX	12 / 24	Up to 4.5GHz / 4.1GHz	64MB	8	280W	✓

1. Based on internal AMD analysis comparing the core count of AMD Ryzen™ Threadripper™ PRO 5995WX to Intel® Xeon® W-3375. **CGP-32**
2. Based on AMD Labs testing as of January 31, 2022 using the Chaos V-Ray benchmark, the Adobe After Effects (Puget Systems) benchmark, the Chromium compile benchmark, the SPECapc® for PTC Creo Graphics Composite metric, SPECapc® for Dassault Solidworks CPU Composite metric, the Ansys CFX benchmark, the Revit RFO model creation benchmark and the Cadalyst AutoCAD benchmark to compare the AMD Ryzen™ Threadripper™ PRO 5995WX reference system configured with 8x32GB DDR4, NVIDIA Quadro RTX A5000, 1TB SSD, Win 11 vs. a similarly configured Threadripper™ PRO 3995WX reference system. **CGP-38**
3. Max boost for AMD Ryzen™ processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost will vary based on several factors, including, but not limited to: thermal paste; system cooling; motherboard design and BIOS; the latest AMD chipset driver; and the latest OS updates. **GD-150**.