

AMD THREADRIPPER PRO

DESIGN. BUILD. ADVANCE.
ON THE ULTIMATE WORKSTATION PROCESSOR FOR
CREATIVE PROFESSIONALS

PINNACLE PERFORMANCE FOR PROFESSIONALS

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 7000 WX-Series processors build on battle-tested performance and capability to equip artists, architects, and engineers with unrivaled performance by addressing common lightly threaded and multithreaded bottlenecks. Featuring enhanced max boost frequencies across the entire stack and up to 40 more high performance cores than the competing workstation processor help creative professionals confidently tackle a variety of complex compute tasks.

Additionally, Threadripper PRO offers incredible expandability with 128 PCIe® lanes to drive advanced multi-GPU configurations for AI training, simulation and rendering.



**UP TO
96 CORES**

TO ACCELERATE
MULTITHREADED TASKS



**HIGHER
FREQUENCIES**

FOR SEAMLESS 3D MODELING
AND DESIGN



**FAST
DDR5 MEMORY**

TO TACKLE THE MOST
DEMANDING PROJECTS



**128 PCIe®
5.0 LANES**

FOR ADVANCED GPUS
AND HIGH-SPEED STORAGE

UPGRADE TO THE RIGHT TOOL FOR THE JOB

AMD Ryzen™ Threadripper™ PRO Processors crush the competition in lightly threaded tasks like CAD design as well as multi-threaded workloads like software compiling, rendering and simulation. This means that creative professionals can take advantage of up to 96 high-performance cores for to seamlessly get more done in less time.

Unreal Engine Compile¹



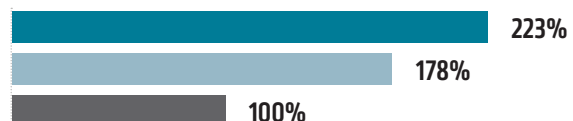
Autodesk Maya³ (Estimated)



Solidworks² (Estimated)



V-Ray⁴



■ AMD Ryzen™ Threadripper™ PRO 7995WX (96 Cores) ■ AMD Ryzen™ Threadripper™ PRO 7985WX (64 Cores) ■ Intel® Xeon® W9-3495X (56 Cores)

AMD PRO TECHNOLOGIES

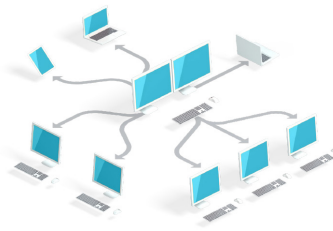
AMD PRO technologies provides layers of security features, seamless manageability, and reliable longevity so you can work confidently and securely. AMD innovations go beyond pure processing speed because today's modern workplace needs every possible advantage.

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 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 ¹ /Base Frequency	L3 Cache	Memory Channels	TDP	AMD PRO Technologies
AMD Ryzen™ Threadripper™ PRO 7995WX	96 / 192	Up to 5.1GHz / 2.5GHz	384MB	8	350W	✓
AMD Ryzen™ Threadripper™ PRO 7985WX	64 / 128	Up to 5.1GHz / 3.2GHz	256MB	8	350W	✓
AMD Ryzen™ Threadripper™ PRO 7975WX	32 / 64	Up to 5.3GHz / 4.0GHz	128MB	8	350W	✓
AMD Ryzen™ Threadripper™ PRO 7965WX	24/48	Up to 5.3GHz / 4.2GHz	128MB	8	350W	✓
AMD Ryzen™ Threadripper™ PRO 7955WX	16 / 32	Up to 5.3GHz / 4.5GHz	64MB	8	350W	✓
AMD Ryzen™ Threadripper™ PRO 7945WX	12 / 24	Up to 5.3GHz/4.7GHz	64MB	8	350W	✓

FOOTNOTES:

1. Based on AMD performance lab testing as of August 2023, using the Unreal Engine 5.1 Compilation and the Chromium Compilation 115.0.5740 benchmarks to compare the performance of the full stack of AMD Ryzen Threadripper PRO 7000 WX-Series processors and the AMD 5965WX and 5955WX processors in a reference system configured with 8x32GB DDR5, NVIDIA Quadro RTX A5000 graphics, 1TB SSD, Win 11 vs. similarly configured BOXX workstation with the full stack of Intel Xeon w-3400 series and the Intel w7-2495X and the Intel w7-2465X processors, respectively. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SPP-05
2. Based on AMD performance lab testing as of August, 2023, using the SPECintc for Solidworks 2022 CPU composite metric to compare the performance of the full stack of AMD Ryzen Threadripper PRO 7000 WX-Series processors and the AMD 5965WX and 5955WX processors in a reference system configured with 8x32GB DDR5, NVIDIA Quadro RTX A5000 graphics, 1TB SSD, Win 11 vs. similarly configured BOXX workstations with the full stack of Intel Xeon w-3400 series and the Intel w7-2495X and the Intel w7-2465X processors. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SPP-15
3. Based on AMD performance lab testing as of August, 2023, using the SPECintc for AutoDesk Maya 2023 CPU composite metric to compare the performance of the full stack of AMD Ryzen Threadripper PRO 7000 WX-Series processors and the AMD 5965WX and 5955WX processors in a reference system configured with 8x32GB DDR5, NVIDIA Quadro RTX A5000 graphics, 1TB SSD, Win 11 vs. similarly configured BOXX workstations with the full stack of Intel Xeon w-3400 series and the Intel w7-2495X and the Intel w7-2465X processors. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SPP-10
4. Based on AMD performance lab testing as of August, 2023, using the Chaos V-Ray benchmark to compare the performance of the full stack of AMD Ryzen Threadripper PRO 7000 WX-Series processors and the AMD 5965WX and 5955WX processors in a reference system configured with 8x32GB DDR5, NVIDIA Quadro RTX A5000 graphics, 1TB SSD, Win 11 vs. similarly configured BOXX workstations with the full stack of Intel Xeon w-3400 series and the Intel w7-2495X and the Intel w7-2465X processors. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SPP-11
5. 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