

AMD THREADRIPPER PRO

DESIGN. BUILD. ADVANCE.
ON THE ULTIMATE WORKSTATION PROCESSOR FOR
MEDIA & ENTERTAINMENT

PINNACLE PERFORMANCE FOR EVERYONE

The creation of cutting-edge visual effects continues to evolve towards increasing complexity. New workflows like virtual production and are driving the need for high compute capability on-set while the demands of 8k rendering and post-production editing can push production capacity to its limits. When the limits of your creativity are bound by computer hardware, it is no wonder that performance seeking artists and world-class VFX studios are constantly looking for a competitive edge.

AMD Ryzen™ Threadripper™ PRO 7000 WX-Series based workstations offer unmatched full spectrum compute capability along with exceptional platform expandability and are equipped to help increase creative iterations throughout your pipeline through reduced render times, seamless 3D modeling and animation and enhanced multitasking.



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

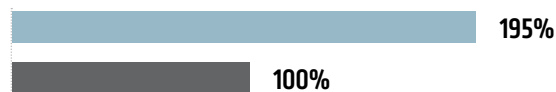
FOR ADVANCED GPUS
AND HIGH-SPEED STORAGE

UPGRADE TO THE RIGHT TOOL FOR THE JOB

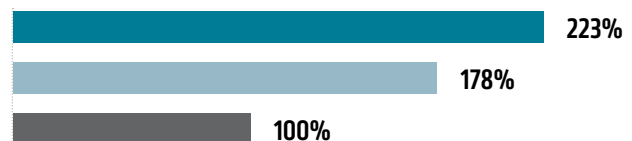
AMD Ryzen™ Threadripper™ PRO Processors outperform the competition in both lightly threaded and multi-threaded workloads. For 3D artists, this means you don't have to sacrifice productivity when switching between tasks with different compute requirements.

Take advantage of Threadripper™ PRO processor's high frequency cores for general 3D modeling and animation tasks with tools like Autodesk Maya and up to 96 cores for generating photorealistic renderings and animation with popular render engines like Chaos V-Ray.

Autodesk Maya²



V-Ray Rendering³



■ AMD Ryzen™ Threadripper™ PRO 7995WX (96 Cores) ■ AMD Ryzen™ Threadripper™ PRO 7985WX (64 Cores) ■ Intel® Xeon® w9-3495X (56 Cores)

AMD PRO TECHNOLOGIES

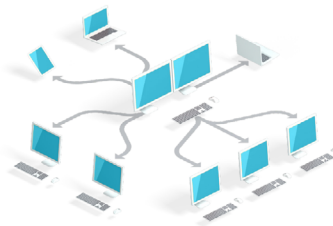
AMD PRO technologies provides layers of security features, seamless manageability, and reliable longevity so you can work confidently and securely. AMD innovations go beyond pure processing speed because today's modern workplace needs every possible advantage.

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. 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
2. Based on AMD performance lab testing as of August, 2023, using the SPECcapc 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
3. 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

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