AMD
THREADRIPPER



BUILDING THE ULTIMATE HIGH-END DESKTOP

DESIGNED TO CREATE. BUILT TO INSPIRE.

As a content creator, video editor or developer, you know how precious time is in your line of work. Every task – whether it's rendering, compiling, AI inference or multitasking – demands a system that handles intensive workloads without compromise. That's why investing in the right platform is key to maximizing efficiency and focusing on what truly matters. Introducing the **AMD Ryzen™ Threadripper™ 9000 Series**, the ultimate high-end desktop processor designed to elevate your creativity and productivity with cutting-edge speed and performance.

AMD Ryzen™ Threadripper™ 9000 Series processors feature up to 64 "Zen 5" cores, fast quad-channel memory, enhanced AVX-512 and support for the latest PCIe® 5.0 GPUs.



UP TO 64 CORES
TO ACCELERATE MULTITHREADED TASKS

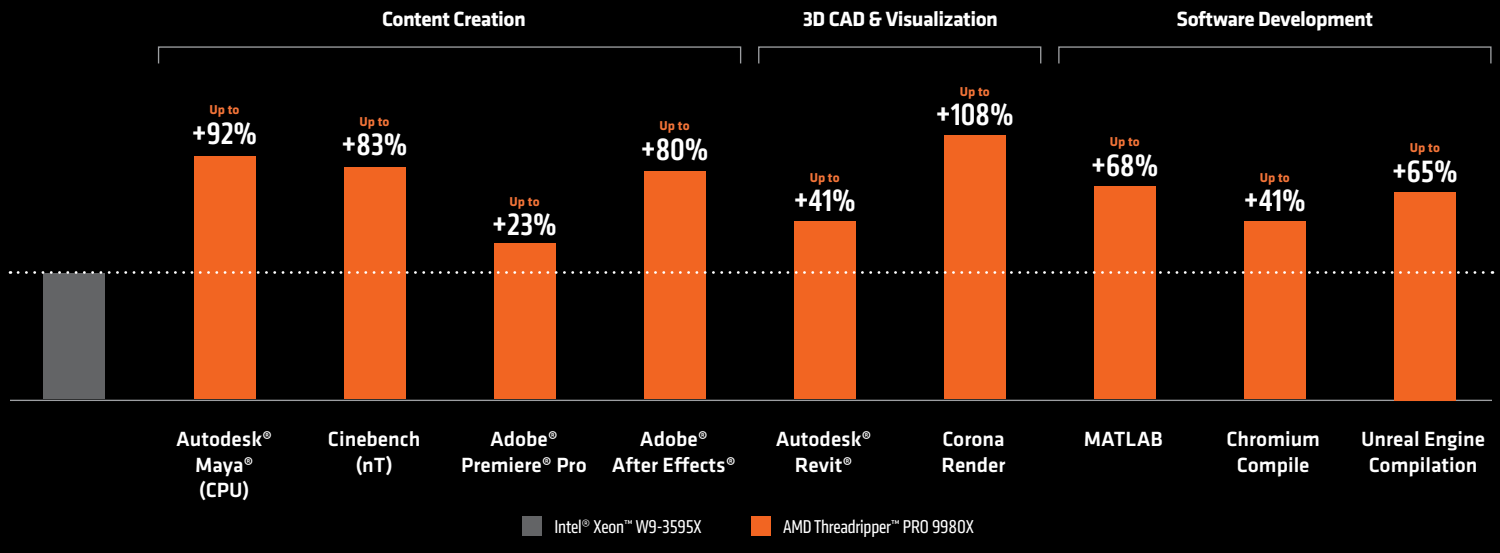
HIGH FREQUENCIES
AND OVERCLOCKING SUPPORT

LARGE MEMORY CAPACITY
TO TACKLE THE MOST DEMANDING PROJECTS

80 PCIe® 5.0 LANES
FOR ULTIMATE EXPANDABILITY

THE RIGHT TOOL FOR THE JOB

AMD Ryzen™ Threadripper™ 9000 Series processors outperform Intel® Xeon® W-3500 series processors across many different workloads[1,2,3]. **AI developers** and **software engineers** benefit from shorter compilation times and faster AI processing, while **creators, product designers** and **CAD engineers** can execute heavy rendering jobs while multi-tasking with complex 3D models.



AMD

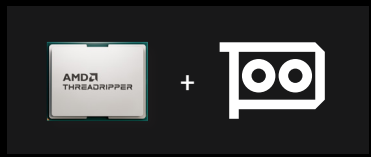
GET THE MOST OUT OF YOUR GPU

AMD Ryzen™ Threadripper™ 9000 Series high-end desktop processors are ideal for local AI processing, rendering, heavy 3D content creation, VFX, and software development thanks to support for up to 80 PCIe 5.0 lanes which provide maximum performance for advanced set-ups using multiple GPUs and NVMe storage.

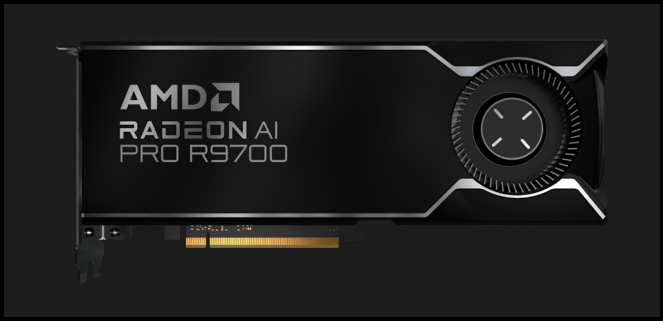
If your workflow demands one or potentially multiple high-performing PCIe® 5.0 GPUs, then you should make sure you use the best platform to run them[4].



SPECapc® Autodesk® Maya® 2024
(GPU Composite)



MEET THE NEW AMD RADEON™ AI PRO R9700 GRAPHICS CARD



Built to accelerate medium to large AI models directly on local workstations, the new AMD Radeon™ AI PRO R9700 combines 32GB of high-speed GDDR6 memory, advanced RDNA™ 4 architecture, and broad support for modern AI data types. Its 64 Compute Units, 128 second-generation AI accelerators, and support for FP8, FP16, and INT8 precision equip professionals with the compute power needed to handle today's most demanding AI workloads.

128 AI Accelerators **32GB GDDR6** **Up to 1531 TOPS** (INT4 Sparse) **Up to 96 TFLOPS** (Peak Half-Precision) **300W TDP**

MODEL SPECIFICATION

Model	Cores/Threads	Boost[5]/Base Frequency	L3 Cache	Memory Channels	Socket	TDP
AMD Ryzen™ Threadripper™ 9980X	64 / 128	Up to 5.4GHz / 3.2GHz	256MB	4	sTR5	350W
AMD Ryzen™ Threadripper™ 9970X	32 / 64	Up to 5.4GHz / 4.0GHz	128MB	4	sTR5	350W
AMD Ryzen™ Threadripper™ 9960X	24 / 48	Up to 5.4GHz / 4.2GHz	128MB	4	sTR5	350W

FOOTNOTES:

1. SHP-20: PugetBench Adobe Premiere Pro, PugetBench Adobe After Effects, SPECapc Maya, Cinebench 2024 and V-Ray benchmarks to compare the performance of the AMD Ryzen Threadripper 9980X processor in a reference system configured with 8x 64GB DDR5 memory, Nvidia RTX 5090 graphics, 1TB SSD, Win 11 vs. a similarly configured BOXX workstation with the Intel® Xeon® W9-3595X processor. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SHP-20.
2. SHP-21: Autodesk Revit benchmark, Metashape and Corona Render benchmark to compare the performance of the AMD Ryzen Threadripper 9980X processor in a reference system configured with 4x 64GB DDR5 memory, 1TB SSD, Win 11 vs. a similarly configured BOXX workstation with the Intel® Xeon® W9-3595X processor. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SHP-21.
3. SHP-22: Chromium Compilation benchmark, Unreal Engine 5.5 benchmark and MATLAB benchmark to compare the performance of the AMD Ryzen Threadripper 9980X processor in a reference system configured with 4x 64GB DDR5 memory, 1TB SSD, Win 11 vs. a similarly configured BOXX workstation with the Intel® Xeon® W9-3595X processor. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SHP-22.
4. SHP-74: Autodesk Maya 2024 GPU Composite benchmark to compare the performance of the AMD Ryzen Threadripper 9980X processor in a reference system configured with 4x 64GB DDR5 memory, Nvidia RTX PRO 6000 Blackwell graphics, 1TB SSD, Win 11 vs. a similarly configured BOXX workstation with the Intel® Xeon® W9-3595X processor. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SHP-74.
5. GD-150: Boost Clock Frequency is the maximum frequency achievable on the CPU running a bursty workload. Boost clock achievability, frequency, and sustainability will vary based on several factors, including but not limited to: thermal conditions and variation in applications and workloads. GD-150.

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