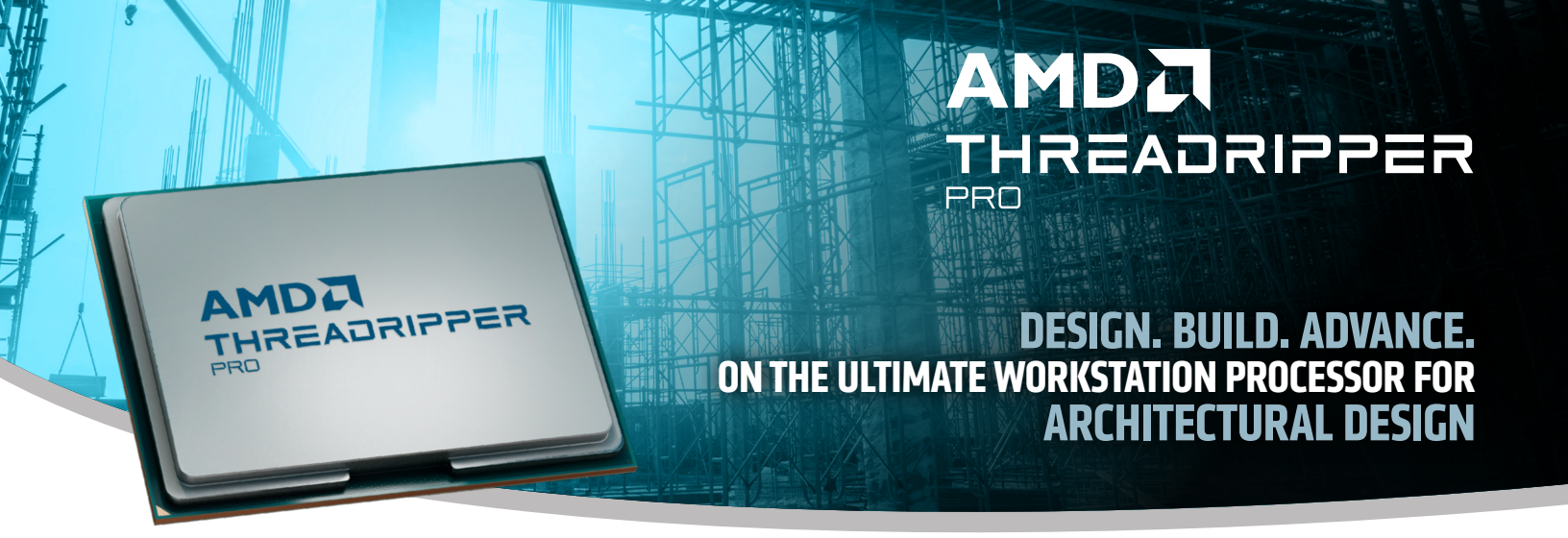


DESIGN. BUILD. ADVANCE.
ON THE ULTIMATE WORKSTATION PROCESSOR FOR ARCHITECTURAL DESIGN

PINNACLE PERFORMANCE FOR EVERYONE

Demanding architects and engineers rely on a variety of applications in their workflow, each with different compute requirements that range from lightly threaded 3D modeling to multithreaded reality capture and rendering tasks. **AMD Ryzen™ Threadripper™ PRO 7000 WX-Series** processors are the battle-tested, industry leading workstation platform delivering versatility and peak performance that enable design professionals to optimize their professional workstation experience by addressing common workflow bottlenecks.

With an expanding portfolio available though leading OEMs and system integrators, demanding architects and engineers can choose from a variety of Threadripper™ PRO 7000 WX-Series based solutions to help them accelerate virtually any creative professional workflow and maximize the ROI of their hardware.

UP TO 96 CORES
TO ACCELERATE MULTITHREADED TASKS

HIGHER FREQUENCIES
FOR SEAMLESS 3D MODELING AND DESIGN

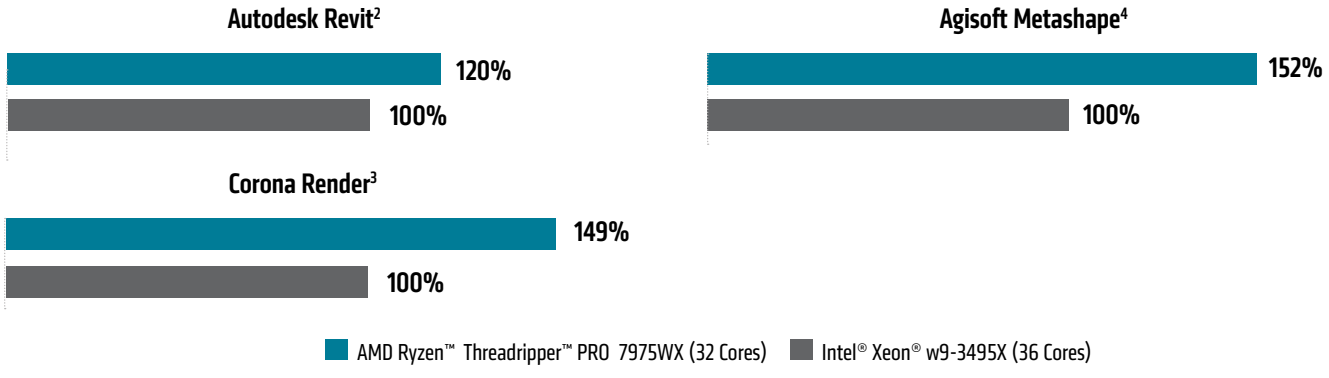
FAST DDR5 MEMORY
TO TACKLE THE MOST DEMANDING PROJECTS

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 architects and engineers, 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 design tasks with tools like Autodesk Revit and up to 96 cores for generating photorealistic renderings and animation with popular render engines like Corona Render or reality capture tools like Metashape.



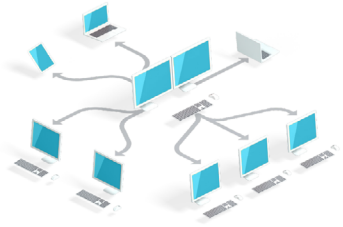
AMD PRO TECHNOLOGIES

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 Revit 2022 (RFO) model creation 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 and the Intel w7-2495X and the Intel w7-2465X processors. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SPP-16
3. Based on AMD performance lab testing as of August, 2023, using the Corona Render Benchmark 2022 benchmark to compare the performance of the full stack of AMD Ryzen Threadripper PRO 7000 WX-Series processors and the AMD 5965WX and 5955WX processor 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 and the Intel w7-2495X and the Intel w7-2465X processors. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SPP-18
4. Based on AMD performance lab testing as of August, 2023, using the Puget Metashape Pro Benchmark benchmark to compare the performance of the full stack of AMD Ryzen Threadripper PRO 7000 WX-Series processors and the AMD 5965WX and 5955WX processor 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 and the Intel w7-2495X and the Intel w7-2465X processors. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SPP-19