

AMD THREADRIPPER PRO

DESIGN. BUILD. ADVANCE.
ON THE ULTIMATE WORKSTATION PROCESSOR FOR
SOFTWARE DEVELOPMENT

PINNACLE PERFORMANCE FOR EVERYONE

Demanding software developers frequently test and revise code. AMD Ryzen™ Threadripper™ PRO 7000 WX-Series processors are the battle-tested, industry leading workstation platform that can help software engineers dramatically reduce their compile times. The platform also enables advanced multi-GPU configurations to help accelerate AI/ML training delivering unrivaled performance and productivity.

With an expanding portfolio available through leading OEMs and system integrators, demanding software developers 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 crush the competition in multi-threaded workloads like software compiling with up to 96 high-performance cores for rapid iterations and refinement. Additionally, the platform supports 128 PCIe® 5.0 lanes which enable advanced multi-GPU configuration to help software engineers optimize cutting edge AI applications prior to deploying in the cloud.

Chromium Compile²

Unreal Engine²



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

AMD PRO TECHNOLOGIES

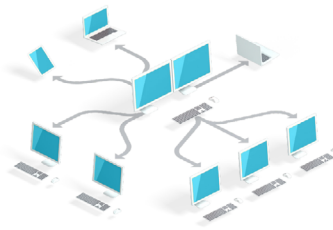
AMD PRO technologies provides layers of security features, seamless manageability, and reliable longevity so you can work confidently and securely. AMD innovations go beyond pure processing speed because today's modern workplace needs every possible advantage.

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 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