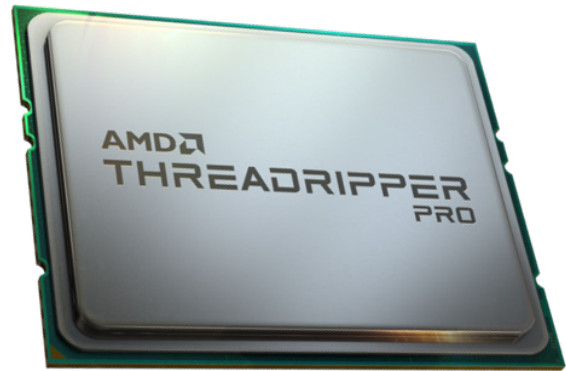


AMD THREADRIPPER PRO

THE ULTIMATE WORKSTATION PROCESSOR FOR SOFTWARE DEVELOPMENT

The time it takes to compile source code into an executable code is often a time-consuming process that can be accelerated on workstations with multiple CPU cores. AMD Ryzen™ Threadripper™ PRO Processors offer unrivaled multithreaded performance for software compilation¹ workflows giving engineers more time to test and refine their software build prior to release.



128 PCIe® 4.0 LANES

FOR ADVANCED GPUS
AND STORAGE

UP TO 2TB OF MEMORY

TO TACKLE THE MOST
DEMANDING PROJECTS

FULL-SPECTRUM COMPUTE CAPABILITY

FOR LIGHTY-THREADED AND
MULTI-THREADED TASKS

AMD PRO TECHNOLOGIES

TO HELP WITH DATA PROTECTION
AND MANAGEABILITY

HOW IT PERFORMS

AMD Ryzen™ Threadripper™ PRO Processors deliver up to 64 high performance cores that help engineers reduce compile times and gain insights more quickly. With support for up to 2TB of high bandwidth memory, engineers can confidently take on large projects leveraging massive datasets.

Unreal Engine Compilation (Seconds)¹

5995WX
(64 Core)
W-3375
(38 Core)



Chromium Compilation Time (Seconds)²

5995WX
(64 Core)
W-3375
(38 Core)



■ AMD Ryzen™ Threadripper™ PRO ■ Intel® Xeon®

AMD PRO TECHNOLOGIES

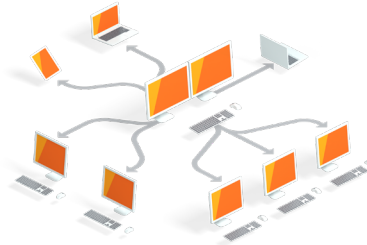
AMD PRO technologies provides layers of security features, seamless manageability, and reliable longevity so you can work confidently and securely. AMD innovations go beyond pure processing speed because today's modern workplace needs every possible advantage.

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 Shadow Stack, for a secure workstation experience

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 ³ /Base Frequency	L3 Cache	Memory Channels	TDP	AMD PRO Technologies
AMD Ryzen™ Threadripper™ PRO 5995WX	64 / 128	Up to 4.5GHz / 2.7GHz	256MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5975WX	32 / 64	Up to 4.5GHz / 3.6GHz	128MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5965WX	24 / 48	Up to 4.5GHz / 3.8GHz	128MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5955WX	16 / 32	Up to 4.5GHz / 4.0GHz	64MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 5945WX	12 / 24	Up to 4.5GHz / 4.1GHz	64MB	8	280W	✓

1. Based on AMD performance lab testing as of January 31, 2022 using the Unreal Engine 4.23 compile performance test to compare the performance of AMD Ryzen Threadripper 5995WX reference system configured with 8x32GB DDR4, NVIDIA Quadro RTX A5000, 1TB SSD, Win 11 vs. a similarly configured BOXX APEXX4 workstation with an Intel® Xeon® W-3375 processor. Results may vary. CGP-01
 2. Based on AMD performance lab testing as of January 31, 2022 using the Chromium Compilation 86.0.4199.0 performance test to compare the performance of AMD Ryzen Threadripper 5995WX reference system configured with 8x32GB DDR4, NVIDIA Quadro RTX A5000, 1TB SSD, Win 11 vs. a similarly configured BOXX APEXX4 workstation with an Intel® Xeon® W-3375. Results may vary. CGP-02
 3. 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