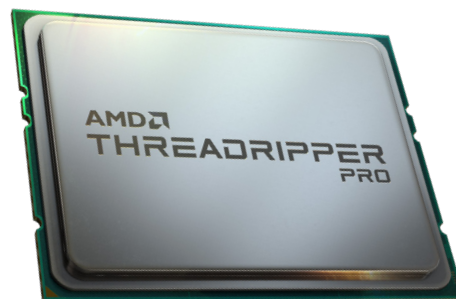


# AMD THREADRIPPER PRO

## THE ULTIMATE PROFESSIONAL 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 compilation<sup>1</sup> workflows giving engineers more time to test and refine their software build prior to release.



## 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.

### Chromium Compilation Time (Seconds)<sup>2</sup>

AMD Ryzen™ Threadripper™ PRO 3995WX

Up to 3591.7(s)

2x Intel Xeon Platinum 8280

3859.2(s)

0(s) 500(s) 1000(s) 1500(s) 2000(s) 2500(s) 3000(s) 3500(s) 4000(s)

### Unreal Engine Compilation Time (Seconds)<sup>3</sup>

AMD Ryzen™ Threadripper™ PRO 3995WX

Up to 1124.7(s)

2x Intel Xeon Platinum 8280

1471.2(s)

0(s) 500(s) 1000(s) 1500(s)

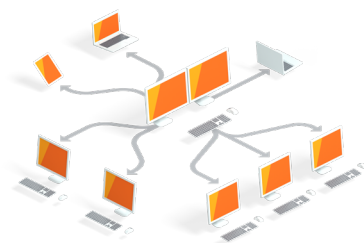
AMD PRO technologies provides layers of security features, seamless manageability, and reliable longevity so you can work confidently and securely. AMD innovations go beyond pure processing speed because today's modern workplace needs every possible advantage.

## AMD PRO SECURITY FEATURES



- Designed from the ground up with security as a priority
- An integrated security processor helps protect confidentiality and integrity of data
- Exclusive to AMD processors with PRO technologies

## 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 <sup>4</sup> /Base Frequency	Total Cache	Memory Channels	TDP	AMD PRO Technologies
AMD Ryzen™ Threadripper™ PRO 3995WX	64 / 128	Up to 4.2GHz / 2.7GHz	256MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 3975WX	32 / 64	Up to 4.2GHz / 3.5GHz	128MB	8	280W	✓
AMD Ryzen™ Threadripper™ PRO 3955WX	16 / 32	Up to 4.3GHz / 3.9GHz	64MB	8	280W	✓

1. Based on AMD Labs testing as of June 17, 2020, comparing a Ryzen Threadripper Pro 3995WX reference system to Intel Xeon W-3275 processors, using Chromium compile to measure compile times. Results may vary. CPP-76.

2. Based on AMD Labs testing as of June 17, 2020, comparing a Ryzen Threadripper Pro 3995WX reference system to two Intel Xeon Platinum 8280 processors, using Chromium compile to measure compile times. Results may vary. CPP-58.

3. Based on AMD Labs testing as of June 17, 2020, comparing a Ryzen Threadripper Pro 3995WX reference system to two Intel Xeon Platinum 8280 processors, using Unreal Engine to measure compile times. Results may vary. CPP-60.

4. 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.

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