

THE ULTIMATE PROCESSOR FOR 3D VISUALIZATION

KEYSHOT® AND AMD RYZEN™
THREADRIPPER PRO PROCESSORS

AMD
THREADRIPPER
PRO



Create Amazing Visuals

KeyShot is trusted by brands around the world for its speed, ease of use, scientifically accurate materials, and advanced material editing capabilities.



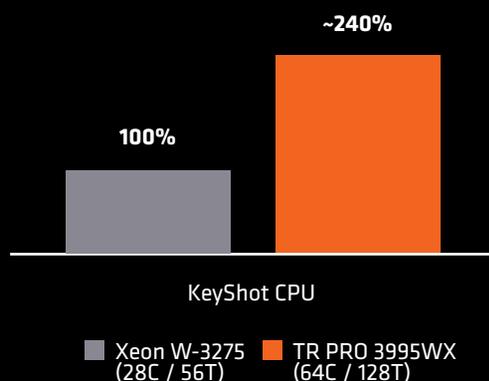
Achieve Stunning Visuals at Incredible Speeds

Iterate on the look and feel of your render up to 36% faster with the AMD Ryzen™ Threadripper™ PRO 3995WX and its 64 cores and 128 threads.¹ Combine the power of the Threadripper PRO with the NURBs capabilities of KeyShot for the highest fidelity visuals.

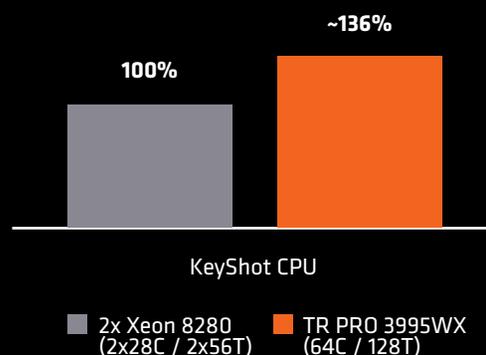
“KeyShot is trusted by brands around the world for its speed in creating amazing visuals, and it’s faster than ever with the AMD Ryzen Threadripper PRO processors. From compiling to rendering, these CPUs are the best we’ve seen for our visualization workflows.”

Henrik Wann Jensen, Chief Scientist, Luxion

Up to 2.4x Faster than a single 28 core processor²



Up to 36% Faster than TWO of the competition's highest core count processors¹



Work efficiently with Incredibly Large Models

AMD Ryzen Threadripper PRO processors are the only workstation processors to support 8 memory channels and DDR4-3200 memory speeds, offering unrivalled single socket memory bandwidth. Load massive models and textures using the memory capacity of up to 2TB, maintaining high performance.

AMD Ryzen™ Threadripper™ PRO: Built for Designers

AMD Ryzen™ Threadripper™ PRO can outperform TWO of the competition's highest core count processors.

- 25+ Performance Wins (TR PRO 3995WX vs. 2x Xeon 8280)³
- 1st 64-core Pro Workstation CPU
- Leadership Single and Multithreaded Application Performance^{4,5}

It's Time to Turn PRO

The world's most innovative artists and creators have been using AMD Ryzen™ Threadripper™ processors for years. Now is the time to graduate to AMD Ryzen™ Threadripper™ PRO. AMD PRO technologies provide layers of security features, seamless manageability, and reliable longevity.

For the Demanding Multitasker

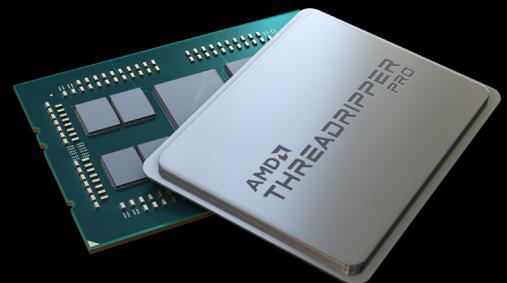
High resolution, highest quality renders can take time to complete. With the highest available core counts, AMD Ryzen™ Threadripper™ PRO processors offer artists the ability to continue working on the next job, even while rendering the last one.

Key Specifications^{6,7}

Model	Cores / Threads	Frequency (Boost/Base)	Total Cache	PCIe® Lanes
AMD Ryzen™ Threadripper™ PRO 3995WX	64 / 128	Up to 4.2 / 2.7 GHz	256MB	128
AMD Ryzen™ Threadripper™ PRO 3975WX	32 / 64	Up to 4.2 / 3.5GHz	128MB	128
AMD Ryzen™ Threadripper™ PRO 3955WX	16 / 32	Up to 4.3 / 3.9GHz	64MB	128

Advanced Professional Platform

- **Leadership Memory Bandwidth^{8,9}**
 - 1st Pro Workstation CPU with 8 memory channels and DDR4-3200
 - Support for up to 2TB Memory
- **1st Pro Workstation CPU with PCIe® 4.0 Support**
 - Up to 128 PCIe® 4.0 Ready Lanes per Workstation



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Your source for tools, training, news, reviews, and much more!

To find out more about AMD Ryzen™ Threadripper™ PRO Processors, please visit www.AMD.com/VFX or www.AMD.com/manufacturing

1. Based on testing by AMD performance labs on June 8, 2020, using the Luxion KeyShot CPU benchmark to test the AMD Ryzen Threadripper PRO 3995WX vs. two (2) Intel Xeon Platinum 8280 processors. Results may vary. CPP-28

2. Based on AMD Labs testing as of June 17, 2020, using Luxion KeyShot to measure performance. Results may vary. CPP-50

3. Based on AMD Labs testing as of June 17, 2020. Results may vary. CPP-66

4. Based on AMD performance lab testing on June 8, 2020 using the Cinebench R20 1T benchmark test to compare the single-thread performance of Ryzen Threadripper PRO 3945WX vs. Intel Xeon W-2295 processor. Results may vary. CPP-19

5. Based on AMD performance lab testing on June 8, 2020 using the Cinebench R20 nT benchmark test to compare the multi-thread performance of Ryzen Threadripper PRO 3995WX vs. (2) Intel Xeon Platinum 8280 processors. Results may vary. CPP-14

6. 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

7. Base frequency is the approximate processor clock speed of a typical workload running at the processor's standard TDP. GD-166

8. Based on AMD internal analysis June 1, 2020, comparing specifications of AMD Ryzen™ Threadripper™ PRO to Intel Xeon Platinum 8280. CPP-08

9. Based on AMD internal analysis June 1, 2020, comparing specifications of AMD Ryzen™ Threadripper™ PRO to Intel Xeon Platinum 8280. CPP-09