

AMD THREADRIPPER PRO

THE **ULTIMATE** PROFESSIONAL
PROCESSOR FOR VIDEO EDITING

DAVINCI RESOLVE STUDIO

The world's only solution that combines professional 8K editing, color correction, visual effects and audio post-production all in one software tool. You can instantly move between editing, color, effects, and audio with a single click. DaVinci Resolve Studio is also the only solution designed for multi-user collaboration so editors, assistants, colorists, VFX artists and sound designers can all work live on the same project at the same time.

BREAK THE BIG DATA BOTTLENECK

Professionals using DaVinci Resolve Studio are creating the world's most amazing film, television, streaming, virtual reality and VFX content and have to be able to deliver it in any format or resolution.

Bottlenecks caused by workstations that do not have the power to handle the needs of 8K or real-time collaboration of any kind of media cannot be tolerated. The combination of DaVinci Resolve Studio with workstations using AMD Ryzen™ Threadripper™ PRO Processors can focus on real-time creativity instead of worrying about bandwidth and slow performance.

**128 PCIe®
4.0 LANES**

FOR NEXT-GEN GPUs
AND STORAGE

**8 MEMORY
CHANNELS**

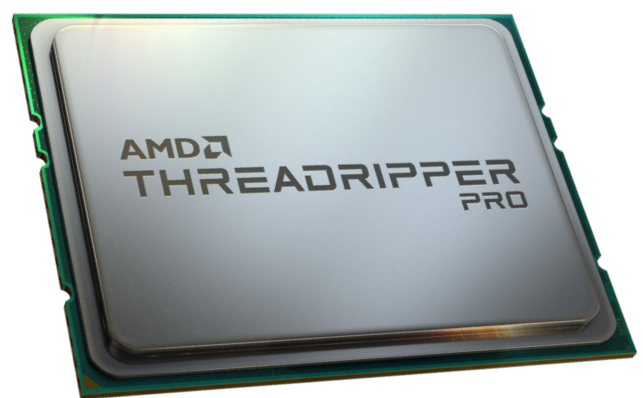
TO TACKLE THE MOST
DEMANDING PROJECTS

**UP TO 64
CORES**

TO GET MORE
DONE IN LESS TIME

**AMD PRO
TECHNOLOGIES**

FOR PROTECTION
AND MANAGEABILITY



“Our customers will see incredible performance optimization and the ability to focus on creativity instead of fixing data bottlenecks with the combination of DaVinci Resolve with the additional memory, cores and lanes of bandwidth that comes with **AMD Ryzen™ Threadripper™ PRO** powered workstations.”

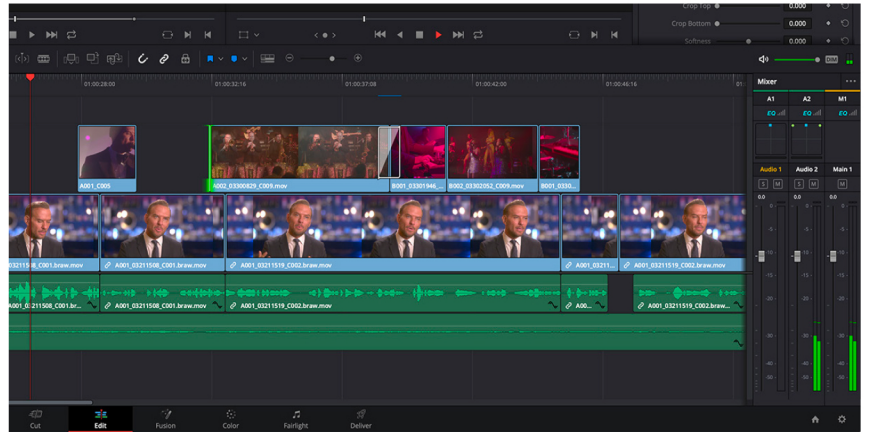
- DAN MAY, PRESIDENT, BLACKMAGIC DESIGN.



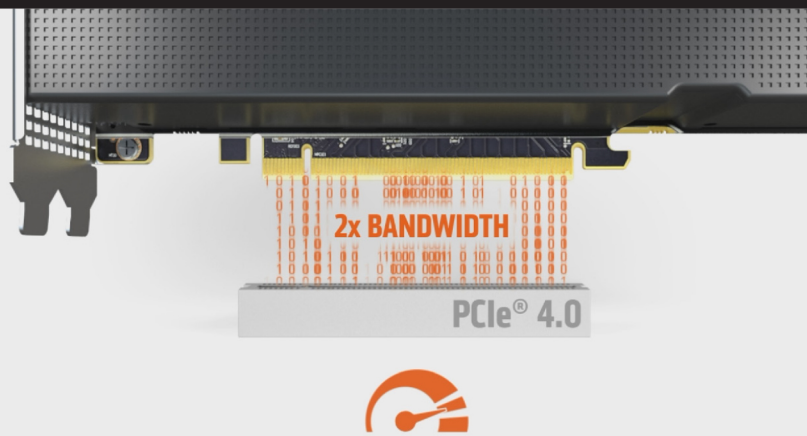
ACCELERATING 8K PERFORMANCE

AMD Ryzen™ Threadripper™ PRO comes with up to 64 cores, the most cores available in any professional CPU. Each Threadripper™ PRO core has equal access to memory making for an incredibly fast architecture.

For post-production of 8K content, the incredible performance of the Threadripper™ PRO design allows content creators to achieve 8K playback instantly at real time rates in DaVinci Resolve Studio.



TAKING ADVANTAGE OF PCIe® 4.0



With the introduction of PCIe® 4.0 hardware in 2019, AMD gave DaVinci Resolve customers double the throughput of PCIe 3.0 products and the ability to use other next-gen PCIe 4.0 hardware such as graphics cards and SSDs in their workflow.

AMD Ryzen™ Threadripper™ PRO supports PCIe 4.0, improving performance and power for content creators by allowing data to move faster to and from host to GPU.

MODEL SPECIFICATIONS

Model	Cores/Threads	Boost ¹ /Base Frequency	Total Cache	TDP	AMD PRO Technologies
AMD Ryzen™ Threadripper™ PRO 3995WX	64 / 128	Up to 4.2GHz / 2.7GHz	256MB	280W	✓
AMD Ryzen™ Threadripper™ PRO 3975WX	32 / 64	Up to 4.2GHz / 3.5GHz	128MB	280W	✓
AMD Ryzen™ Threadripper™ PRO 3955WX	16 / 32	Up to 4.3GHz / 3.9GHz	64MB	280W	✓

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 ©2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Ryzen, Radeon and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.

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