

DASSAULT SYSTÈMES® SOLIDWORKS®

Take your Workflow to
the Next Level.

AMD ×  SOLIDWORKS
together we advance_



Experience a New Level of Realism

AMD Radeon™ PRO workstation graphics cards are optimized and certified for SOLIDWORKS®, enabling parts and assembly CAD modeling as well as sophisticated rendering and simulation. Unlike consumer graphics cards, Radeon™ PRO graphics cards provide a number of GPU-accelerated features and SOLIDWORKS-specific optimizations, enabling increased realism, outstanding performance and enhanced interactivity for designers and engineers.

Get the most out of SOLIDWORKS®

AMD
Software
PRO Edition

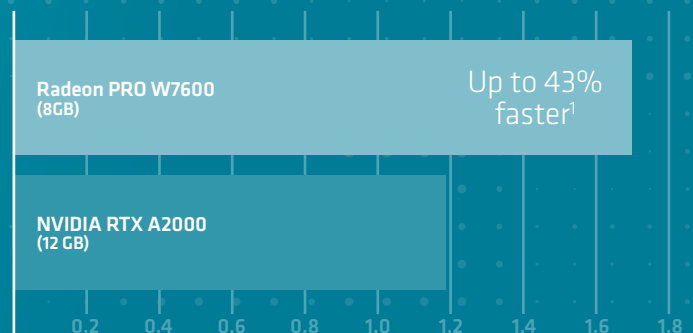
Radeon PRO graphics cards are powered by AMD Software: PRO Edition providing the right balance of performance and reliability thanks to rigorous testing

procedures and a comprehensive ISV certification program. AMD Software: PRO Edition comes with a graphics driver you can trust and offers intelligent features to help improve your productivity, all accessible through a modern and intuitive user interface.

With the latest driver improvements available today, designers and engineers can get the most out of SOLIDWORKS® when using the Radeon PRO graphics cards.

SPECapc® SOLIDWORKS® 2022 (4K)

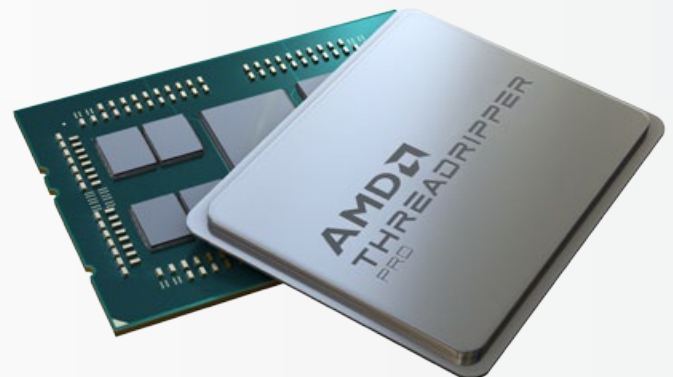
GPU Composite Score



Additional Performance Power

Choosing the right CPU means addressing the bottlenecks of your most common workflow tasks. AMD Ryzen™ Threadripper™ PRO Processors offer powerful single and multithreaded performance along with support for up to 2TB of memory.

amd.com/Workstation



AMD
RADEON
PRO

Professional Graphics for Exceptional Performance with Reliability, Stability and Software Certifications at its Core.

Powerful Real-time Previews with RealView®

Radeon™ PRO W6000 Series graphics cards unleash the power of RealView® and bring models to life. SOLIDWORKS® offers advanced shading in real time with RealView and Ambient Occlusion, which delivers outstanding depth and realism helping provide more realism to your design and reduce the need for ray-traced rendering.

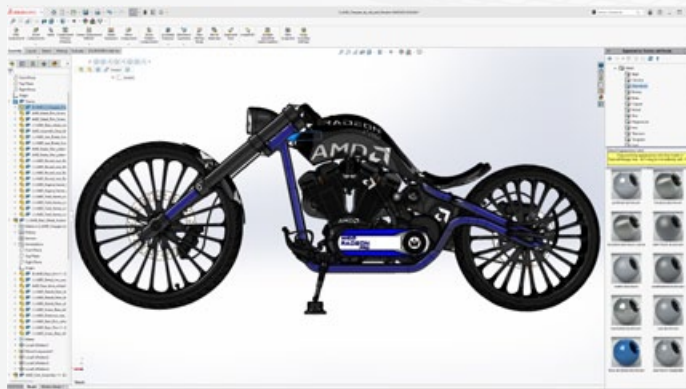


RealView OFF



RealView ON

REALVIEW IS ONLY SUPPORTED ON PROFESSIONAL GRAPHICS CARDS, SUCH AS THE AMD RADEON PRO W6000 SERIES.



Advanced Rendering with AMD Radeon™ PRO graphics and Visualize

SOLIDWORKS® Visualize is a design-focused physically-based renderer that works with SOLIDWORKS® and other 3D CAD tools. Unlike most physically-based renderers, which rely on the workstation's Central Processing Unit (CPU) to crunch through the complex ray tracing calculations, SOLIDWORKS® Visualize is optimized for GPUs. Since the 2020 release, users of AMD Radeon PRO graphics can benefit from a new render engine natively integrated in Visualize: AMD Radeon™ ProRender.

Recommended AMD Radeon PRO Hardware for SOLIDWORKS



AMD Radeon™ PRO W7800 Graphics

- Certified graphics with high-end GPU
- Excellent performance with super-sized assemblies
- Enabled high fidelity on all assemblies
- Support for professional displays with up to 8K resolution with DisplayPort 2.1



AMD Radeon™ PRO W7600 Graphics

- Certified graphics card with great price-performance
- Suitable for assembly modeling
- Enhanced performance on assemblies
- Support for professional displays with up to 8K resolution with DisplayPort 2.1



AMD Radeon™ PRO W7500 Graphics

- Adds certification for SOLIDWORKS to the system
- Fully functional Transparency mode and access OIT in the viewport
- Support for professional displays with up to 8K resolution with DisplayPort 2.1

¹Testing as of June 28, 2023, conducted by AMD Performance Labs on a test system comprised of an AMD Ryzen Threadripper PRO 5945WX, 64GB RAM, Windows® 11 Pro build 22621, 64-bit, AMD Radeon™ PRO Software 23.10 RCP17 with AMD Radeon™ PRO W7600, W7500, and vs. similarly configured system with Nvidia Driver 528.95 with Nvidia T1000, RTX A2000 at 3840x2160 display resolution. Benchmark Application: SPECcap® SOLIDWORKS 2022 (4K). Additional information about the SPEC benchmarks can be found at www.spec.org/gwpg. SPEC® and SPECviewperf® are registered trademarks of the Standard Performance Evaluation Corporation. Results may vary. RPW-436



To learn more about AMD professional graphics visit: amd.com/RadeonPRO

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Blue chopper motorbike images courtesy of Dr. Adi paX Pandzic