# DASSAULT SYSTÈMES® SOLIDWORKS®

**Take your Workflow to the Next Level.**

AMD ✕ 〕S 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®
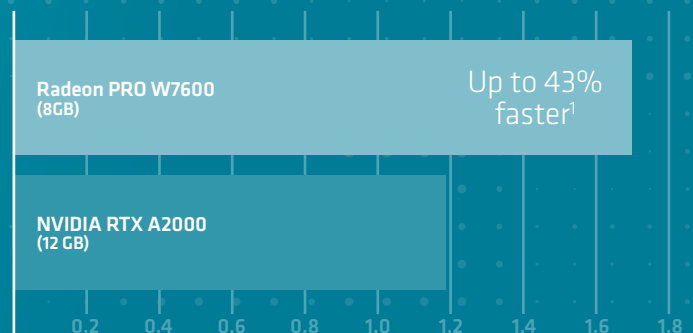
**AMD Software PRO Edition**

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

| | |
|---|---|
| **Radeon PRO W7600** (8GB) | Up to 43% faster[1] |
| **NVIDIA RTX A2000** (12 GB) | |

0.2  0.4  0.6  0.8  1.0  1.2  1.4  1.6  1.8

## 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**
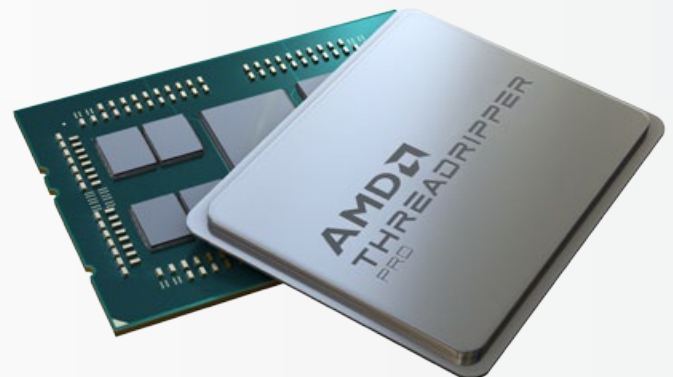


**AMD RADEON PRO**

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

**AMD** × *DS* **SOLIDWORKS**

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## 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.
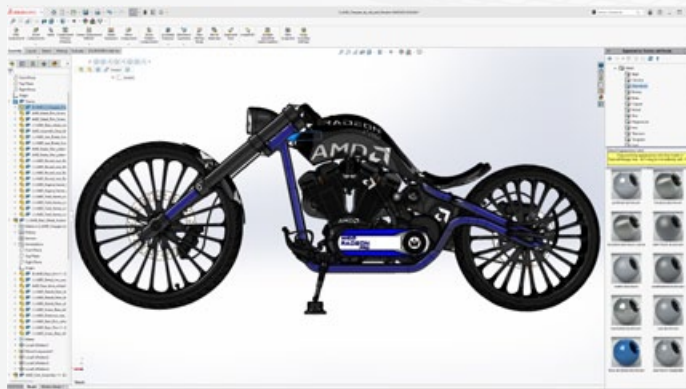
**RealView OFF**

**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

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