# AUTODESK® REVIT®

**Advanced by AMD Radeon™ PRO graphics. Built for BIM.**

AMD ⊠ ╳ **R** Revit

**together we advance_**

AMD Radeon™ PRO workstation graphics cards and drivers are tested and optimized by AMD for advanced Autodesk® Revit® workflows from design concept to 3D visualization to production drawings.

## New to Autodesk Revit?

Autodesk® Revit® is a multi-disciplinary BIM (Building Information Modelling) software for 3D model-based design work. Designed for precision and using parametric components and generative design, Revit is BIM software that helps to bring Architecture, Engineering and Construction (AEC) disciplines into a unified software environment.

The AMD Software: PRO Edition driver automatically detects Autodesk® Revit® and optimizes the driver's compatibility for Revit. The same driver is certified for use with AutoCAD.

With the latest improvements available today, architects and designers can get the most out of Autodesk® Revit® when using the new Radeon PRO W7000 Series graphics cards.

Download the latest driver:
**amd.com/support**

## Superior Productivity with more Screen Real Estate

For typical Revit and AEC workloads, more pixels and more desktop screen space remain an efficient way to accommodate more project detail, while cross-referencing in additional applications. By working with more screen real estate, this continues to be a proven way of easily increasing design workflow efficiencies. Whether using multiple monitors or newer ultra-wide displays, the AMD Radeon™ PRO W7000 series graphics offer Revit users as much user-interface as desired. Equipped with four DisplayPort™ 2.1 outputs, Radeon PRO 7000 series graphics cards support up to four ultra high-resolution displays at 4K, 5K, 8K and beyond, giving you the freedom to work with bigger AEC projects.

## Rapid Revit

For most general modeling tasks, Revit will benefit more from higher CPU clock-speeds than it will from an extreme number of cores.

The Revit viewport is enabled by Microsoft® DirectX® 11 and AutoCAD utilizes DirectX® 12. Both of these modern APIs take advantage of GPU acceleration for use with Ultra-HD or Ultrawide displays[1].

**AMD RADEON PRO**

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

## Unleashing GPU Power for Professionals with AMD Software: PRO Edition

Architects, designers and engineers can also rely on AMD Software: PRO Edition to help with their demanding productivity needs, for example by optimizing Revit viewport performance with Radeon PRO Viewport Boost.

Enabling Radeon PRO Viewport Boost optimizes application framerate while balancing resolution and performance.

With AMD Software: PRO Edition and AMD Radeon PRO graphics you are well equipped to deliver your best work with ease.

Viewport Boost dynamically adjusts viewport resolution to increase navigation performance.

With Autodesk Revit, it can increase frame rates[2] by up to 2x.

**AMD**
**Software**
**PRO Edition**

🖵 amd.com/radeonprosoftware

## Realtime Rendering and Virtual Walkthroughs

Realtime rendering continues to gain momentum within AEC workflows and with it come new hardware challenges. In some cases, GPUs capable of running complex 3D CAD models may not be sufficient to handle real-time rendering and immersive experiences, such as Virtual Reality (VR). This is where the Radeon™ PRO W7800 graphics card comes into play with 32GB of dedicated memory to handle massive architectural models and interactive experiences.
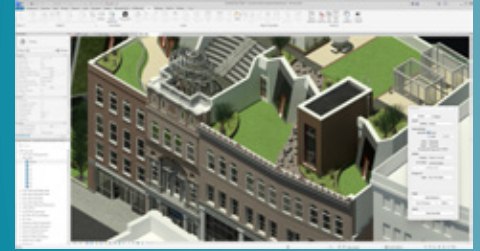
## Twinmotion

Relative to the RTX A2000. Lower is Better[3]

| | |
|---|---|
| **Radeon PRO W7600** | UP TO 138 |
| **RTX A2000** | 167 |

With Twinmotion for Revit, Revit users can easily bring their designs to life and create high-quality visualizations in a fast, interactive creative process. Everything from photorealistic stills and animations to compelling immersive VR is possible.

Other rendering options include Enscape and Lumion.

## Recommended Radeon PRO Hardware for your advanced Revit Workflow

Used with workstations that are also tested and certified by Autodesk® and AMD, Radeon™ PRO workstation graphics cards deliver advanced performance and reliability.

### Radeon™ PRO W7800 Graphics

• High-end GPU
• 32GB GDDR6 Memory
• Enables performance mode
• Suitable for advanced rendering
• Support for four professional displays with 8K resolution and beyond with DisplayPort™ 2.1

### Radeon™ PRO W7500 Graphics

• Graphics card with great price-performance
• 8GB GDDR6 Memory
• Enables performance mode
• Capable of handling large models with realistic mode
• Support for four professional displays with 8K resolution and beyond with DisplayPort™ 2.1

### Radeon™ PRO W6400 Graphics

• Low-profile card for small-form-factor systems
• Adds certification for AutoCAD®
• Enables performance mode in AutoCAD
• View models in realistic mode in Revit
• 4GB GDDR6 Memory
• Support for two professional displays with 4K resolution with DisplayPort™ 1.4

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