AUTODESK® REVIT®

Software Certified Graphics. Built for BIM.

AMD · **R AUTODESK® REVIT**

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.

autodesk.com/Revit

Prime Real-Estate

For typical Revit and AEC workloads, more pixels and more desktop screen space remain an efficient way to accomodate 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 W6000 series offers Revit users as much user-interface as desired. All AMD Radeon PRO GPUs incorporate from three to six display outputs and can drive multiple 4K and 5K displays - all in beautiful HDR color.

The latest AMD graphics architecture gives you the freedom to work with bigger AEC projects,

Rapid Revit

Autodesk Revit is primarily CPU focused for a large number of tasks and, therefore, a light to medium workload GPU is sufficient for a broad range of AEC workflows outside of intense GPU rendering. For most general modeling tasks, Revit will benefit more from CPU clock-speeds of 2.5GHz or greater than it will from an extreme number of cores.

Revit viewports support Microsoft DirectX® 11 hardware acceleration and up to 4K Ultra-HD or Ultrawide displays, making the right GPU another important hardware consideration[1].

amd.com/Workstation

AMD Day Zero Certifications

AMD graphics certifications are an important reassurance that the professional software has been tested on the GPU and driver, with the goal of superior stability, reliability and exceptional performance. With AMD's Day Zero Certification Program, many professional applications including Autodesk Revit and Autodesk AutoCAD® will be certified on the latest professional driver before it is released, meaning professionals can immediately enjoy the latest driver features and certifications on release day, with confidence.

Work Efficiently. Multitask Like a PRO

The real test of a graphics card comes when users run multiple applications simultaneously. AEC demands can quickly increase as users simultaneously run more applications. Designers of all disciplines understand the productivity gains when multiple applications can run concurrently and data can quickly be exchanged between them. Revit is no exception, as it often gets used in tandem with many software applications, ranging from web browsers, to standalone realtime renderers. Complexity and demands on the system can compound quickly. Multitasking impacts us all daily and the entire range of Radeon PRO GPUs continue the AMD graphics tradition of exceptional multitasking to support your AEC needs.

AMD RADEON PRO

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

Realtime Rendering Demands

Realtime rendering continues to gain momentum within AEC workflows and with it comes new hardware challenges. In some cases, GPUs capable of running complex CAD models may not be sufficient to handle realtime rendering immersive experiences, such as VR. This is where the Radeon PRO W6800 GPU steps up with 32GB of high-performing memory to handle gigantic architectural models and interactive experiences.

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Supporting Remote Working

AMD Remote Workstation[2] allows end users to access their physical workstation by leveraging a built-in feature of AMD's Enterprise professional driver. This allows the same Radeon PRO GPU-powered workstation to be accessed remotely without modification. No need to change drivers. Work from home or on-site with the same certifications and performance as if you were physically seated at your workstation.

Removing Common Bottlenecks

The AMD RDNA™ 2 graphics architecture assists high bandwidth performance at low power and low latency, helping to remove data bottlenecks. This architecture leverages the best high frequency data processing approaches from "Zen" architecture. This established architecture is the basis for the graphics that power the leading, visually rich next-generation gaming consoles. Enabling many advanced, GPU-accelerated features such as raytracing and interactive global illumination.

Learn more about VR capabilities of Radeon PRO Graphics at amd.com/PRO-VR

Light to Medium Workloads

RADEON PRO **W5700** GRAPHICS

FIRST GENERATION AMD RDNA ARCHITECTURE
8 GB of Fast GDDR6 Memory.
Six Display Outputs. 8K Support.
Remote Environment[2] Ready.
USB-C Output Ready.

📺 amd.com/RadeonPROW5700

Medium to Heavy Workloads

RADEON PRO **W6600** GRAPHICS

LATEST AMD RDNA 2 GPU FOR COMPLEX TASKS
8 GB of High Performance GDDR6 Memory.
Four Display Outputs. 8K, HDR Support.
Remote Environment[2] Ready.
Available for Mobile Systems.

📺 amd.com/RadeonPROW6600

Realtime Rendering Workloads

RADEON PRO **W6800** GRAPHICS

THE GPU TO CRUSH INTENSE MODELLING AND RAYTRACE RENDERING PROJECTS
Gigantic 32 GB of GDDR6 Memory.
Error Correction Code (ECC) Support.
Six Display Outputs. 8K, HDR Support.
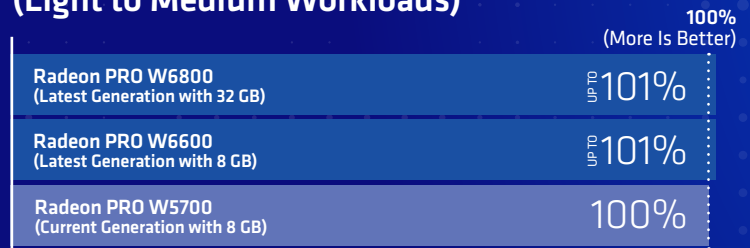Remote Environment[2] Ready.

📺 amd.com/RadeonPROW6800

Affordable GPUs Offer Excellent Performance

This bar chart shows that for typical Revit Workloads, you don't need an expensive GPU.

Affordable Radeon PRO GPUs can offer the performance you expect, without sacrificing performance. As projects get bigger or you move into Realtime rendering, then more GPU RAM is required to keep performance high. The established AMD RDNA 2 architecture helps deliver the affordable, performance you can see within the opposite bar chart. The GPU impact of bigger displays and power efficiencies are not typically highlighted within common industry benchmarks. However all are Radeon PRO graphics strengths.

Relative GPU Acceleration in Revit[3] (Light to Medium Workloads)

100% (More Is Better)

Radeon PRO W6800 (Latest Generation with 32 GB)	UP TO 101%
Radeon PRO W6600 (Latest Generation with 8 GB)	UP TO 101%
Radeon PRO W5700 (Current Generation with 8 GB)	100%

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