ACCA® EDIFICIUS

Building Design. Boosted.

AMD | **ACCA SOFTWARE**

New to ACCA EDIFICIUS

Edificius provides a complete BIM toolkit of 3D modeling, 2D design, immersive virtual reality, as well as physically based raytrace and realtime rendering features to professionals, all in a single solution. Available in a wide range of languages, the software is available for Windows® based systems.

Edificius allows you to work from concept to completion with ease on your own, or in a collaborative project environment.

accasoftware.com

Extreme Edificius

ACCA Edificius uses the latest hardware rendering techniques to bring architectural rendering and experiences to discerning end users. This is where the Graphics Card (GPU) performance is crucial, but your GPU also plays an important role in helping to ensure your linework and visually rich imagery is displayed on screen accurately.

Edificius also supports multiple GPUs in the same system for simultaneous hardware accelerated raytrace rendering, enabling professionals to render extremely large and complex scenes without the need for multiple software packages.
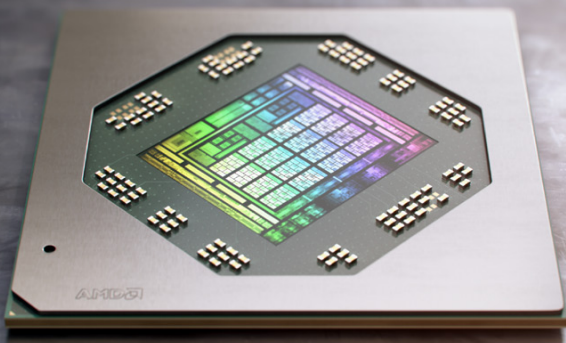
Professional GPUs

For typical Edificius workloads, a balanced workstation is important for getting the best results. As projects increase in size and complexity, more GPU memory should be considered. The latest large workflow GPU from AMD has a gigantic 32 GB of dedicated high performance memory, which allows you to run multiple instances of Edificius and keep up with your multitasking abilities, optimizing your workflows even further.

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

> Faster graphics hardware and more memory allows your projects to not only be bigger, but render faster. The Radeon PRO W6800 GPU allows you to work quicker than ever before in Edificius.

Giuseppe Pizza,
Graphics & Visualization Manager, ACCA

Accelerating Hardware Raytracing

New to the AMD RDNA™ 2 Compute Units within the latest AMD Professional GPU's is the implementation of a high-performance raytracing acceleration known as Ray Accelerators, offering increased visual realism in your compatible software. The Ray Accelerator is specialized hardware that efficiently handles the complex intersection of ray calculations designed to accelerate this raytrace rendering process, compared to software alone.

This technology accelerates your renders within ACCA Edificius, and supports multiple GPUs for reaching that deadline faster than ever before.

AMD RDNA™ 2 graphics processor within the medium workload AMD Radeon™ PRO W6600 Graphics Card.

AMD RADEON PRO

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

AI Acceleration of AIrBIM

Edificius + AIrBIMpro2 **AMD**

Edificius + AIrBIMpro2, features a machine learning, GPU accelerated, denoiser capable of comparing noisy images with their completely processed counterparts and reconstruct the final render much faster than standard rendering. This means that there's no need for the software to trace all the light rays in the scene with hundreds or thousands of passes, with the GPU doing all the heavy computational work.

Removing Common Bottlenecks

The established AMD RDNA™ 2 graphics architecture assists high bandwidth performance at low power and low latency, helping to remove data bottlenecks. This architecture is the basis for the graphics that power the leading, visually rich gaming consoles.

Remote Working

AMD Remote Workstation[1] leverages the built-in features of a cross-platform professional driver. This allows the same Radeon PRO GPU-powered workstation to be accessed remotely. No need to change drivers. Work from home or on-site with the same certifications and performance as if you were seated at your workstation.

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[1] 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[1] Ready.
Available for Mobile Systems.

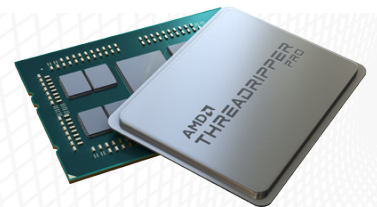**amd.com/RadeonPROW6600**

Heavy to Extreme Workloads

RADEON PRO **W6800** GRAPHICS

THE GPU TO CRUSH INTENSE MODELLING AND RAYTRACING RENDER PROJECTS
Gigantic 32 GB of GDDR6 Memory.
Error Correction Code (ECC) Support.
Six Display Outputs. 8K, HDR Support.
Remote Environment[1] Ready.

amd.com/RadeonPROW6800

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.
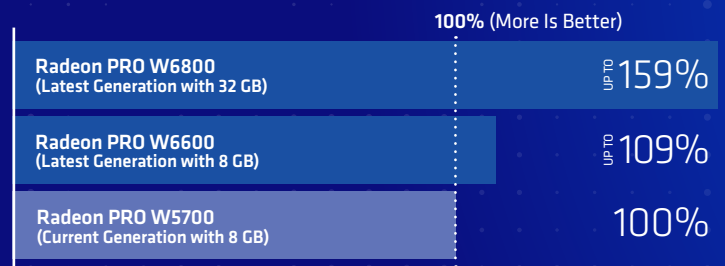
amd.com/Workstation

Built on Experience

Engineered from the ground up, the award-winning AMD RDNA 2 graphics architecture found within the latest Radeon PRO W6000 graphics family introduces significant GPU advancements in the form of an enhanced Compute Unit, new visual pipeline, and all new AMD Infinity Cache. Combined, these advanced AMD technologies help remove common GPU and system bottlenecks.These significant progressions support higher software resolutions, incorporating superior performance and power efficiency. The established AMD RDNA 2 architecture helps deliver the enhanced, but affordable, performance you can see within the opposite bar chart.

Relative GPU Acceleration in Edificius[2]

100% (More Is Better)

Radeon PRO W6800 (Latest Generation with 32 GB)	UP TO **159%**
Radeon PRO W6600 (Latest Generation with 8 GB)	UP TO **109%**
Radeon PRO W5700 (Current Generation with 8 GB)	**100%**

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