Take It To The Next Level With AMD and Dell

Dell Precision workstations powered by AMD Radeon™ PRO Graphics bring performance and value to your projects.

AMD RADEON PRO

Professionals Know

More than ever, professional designers and content creators across the major industries have greater demands put on them. At Dell Technologies and AMD, we recognize the growing need for you to iterate more, do more in less time and produce more complex designs. You need to be able to focus on the work without your tools breaking the flow.

Dell Precision workstations equipped with AMD Radeon™ PRO graphics solutions are meticulously engineered to target performance-hungry workflows by enabling individuals and enterprise customers with an array of options making it simple to customize a certified workstation solution that fits every unique budget and performance requirements.

> *It's important for Dell's customers to have a wide range of GPU choices for every workflow and budget. AMD Radeon™ PRO GPUs in Dell Precision workstations deliver on that commitment and provides peace of mind that both companies ensure the best performance and reliability.*
>
> **Chris Ramirez** *Senior Planner / Product Manager, Dell Precision workstations*

Lines are Blurring

As projects become more complex, it has become clear that the lines defining traditional industry boundaries are blurring. Architects now use technology originally designed for gaming when doing real-time visualization of their building designs; TV and film productions are capturing on-set data using 3D laser scanning techniques that came from GIS and construction industries, and it's now common practice for product designers to use photorealistic raytraced 3D rendering in design reviews.

With technological advances in software, demands for even larger and more complex projects—larger datasets, higher resolution footage, more complex 3D models—are leading to greater demands for the designer and their computing platform, and in ever more compressed schedules.

Industries which depend on computing and graphics power are not static. Customers and workflows constantly innovate and need a workstation than can keep up.

Dell Technologies helps organizations and individuals build their digital future and transform how they work, live, and play. The company provides customers with the industry's broadest and most innovative technology and services portfolio for the data era.

AMD is at the forefront of advanced technology, making the world's most powerful processors for devices of all shapes and sizes, from supercomputers to game consoles to energy-efficient mobile processors. Across the world, hundreds of millions of consumers and leading businesses and organizations, across key industries including design manufacturing, architecture, engineering, constriction as well as media & entertainment rely on AMD technology daily to improve how they live, work and play.

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One Size Does Not Fit All

For professional designers and content creators who just want to focus on their work, configuring the right workstation can present numerous challenges. Will the system be specialized to one task or be used across a variety of workflows? A workstation configured for a 3D lighting designer using GPU rendering for architectural visualization will likely be very different than a workstation for an independent filmmaker who will do everything from video editing, visual effects and audio mixing all on the same system. Clearly one size does not fit all use cases or workflows.

Options Abound

It is for this reason that Dell provides a full range of workstation options from desktop to rack mountable workstations with extensive configurability. Available in three series - 3000, 5000, 7000 - each provide increasing performance capabilities and expandability as you move up the Dell Precision line. With similar choices of AMD Radeon™ PRO graphics including multiple GPU options, Precision workstations can be readily matched to each user's workflow needs, from light and medium to heavy and extreme workloads.

More Pixels. More Polygons.

Radeon™ PRO GPU's provide a number of unique technologies for modern workflow strains, for example AMD Eyefinity multi-display technology empowers you to have multiple applications and projects across three, four or even six high-resolution monitors all from a single GPU[1]. More pixels does not, however, automatically equate to better pixels. AMD Radeon™ PRO Image Boost allows the GPUs to output at a higher resolution (up to 5K) and then scale down to the lower native resolution of your display for improved sharpness and clarity. AMD Radeon™ PRO Viewport Boost[2], meanwhile, allows for several 3D workflows to have an improved viewport performance simply by enabling the feature in the Enterprise driver. Learn more about AMD Radeon PRO Software for Enterprise.

Something for Everyone

Today's modern workstation user requires performance, stability, image quality and software certifications for increased productivity. Users across all industries are expected to use more graphically intense applications than ever before, powered by a reliable system that is always ready to go. The entire AMD Radeon™ PRO graphics family of GPUs answer these needs, and goes further by bringing system power efficiencies, thermal efficiencies, and multitasking performance fully backed by robust software drivers. AMD professional GPUs are designed for those who need performance, durability, and high-quality components for increased reliability all while staying within realistic budgets.

Created with the Professional in Mind

Dell Precision workstation are much more than the sum of their hardware components. With custom hardware engineering and advanced thermal handling, Precision can handle everything that users can dish out. Exclusive Dell software further optimizes the user experience via the Dell Optimizer for Precision and Reliable Memory Technology Pro. The AMD Radeon PRO Software for Enterprise is certified by Dell and AMD for a wide range of leading applications. These numerous certifications gives creators and designers confidence knowing that their key software applications will work reliably.

The Right Tool for the Task

Find the right professional GPU from all available options. The Radeon™ PRO GPU product portfolio brings the same innovations and quality into your choice of system form factor. Not sure what GPU is right for you? Visit the AMD PRO GPU Selector to find just the right fit.

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