RADEON PRO

The Art of the Impossible.

Radeon Pro is for the Creators. The Visionaries. The Storytellers. It is built for those who build themselves. Those who craft with intricate precision. These are people with no limit to their aspirations. No ceiling to their vision. Radeon Pro exceeds their demands, with limitless capability, free of constraints. It unleashes their creativity. It enables unlimited exploration of their imagination. It translates their vision, with heightened realism.

Built for Those Who Build Themselves

Do more. Dig deeper. Go Farther. Imagine and create more than ever before. The Radeon™ Pro professional graphics family breaks boundaries, shatters ceilings. Radeon Pro WX builds on the strong foundation of our Radeon class products, and takes it to the next level of quality, performance and support.

With demand for ever-more-intense visual experiences and the need for greater depth of scientific understanding, designers and creators – whether visual effects artists making movies, game developers creating the latest AAA titles, or astrophysicists exploring the origins of the universe – they are all constantly facing challenges to overcome existing limitations. The new Radeon Pro WX-series graphics cards are optimized for open source software, undergo extensive ISV application certification testing, and are designed for professionals pushing the boundaries of science, technology and engineering.

Based on the Polaris architecture, Radeon Pro GPUs employ the latest advances in AMD's 4th generation Graphics Core Next architecture, including uncompromising 4K video decode and encode support including HEVC[1] and VP9, and next generation display support including DisplayPort 1.4-HDR[2] and HDMI™ 2.0, all built utilizing a power efficient 14nm FinFET manufacturing process. Importantly, these professional graphics cards are fully compatible with open source software through GPUOpen. The combination of leading-edge hardware and software helps enable developers to break boundaries and achieve what had been thought to be impossible.
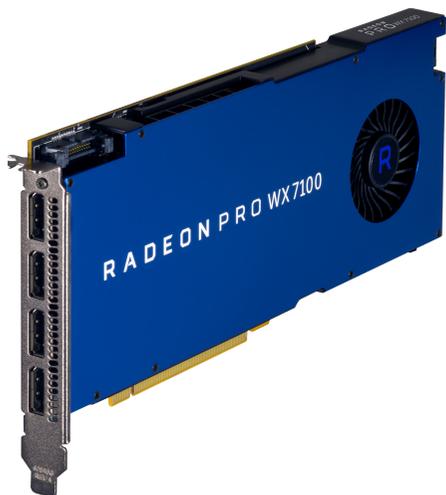
For the Creators. The Visionaries. The Storytellers.

The immersive computing era has transformational relevance and several defining inflection points:

- Real-time engines and tools are taking over for monolithic design applications

- Low-level APIs such as Vulkan™ and DirectX® 12 now allow developers to write close-to-bare-metal code for greater performance

- Virtual Reality immerses users in a fully realized digital world

- Open source software is driving new levels of capability, unleashing creativity from the limits of any single company.

Radeon Pro is
a leap forward
in the immersive
computing era.
A benchmark
for all who follow,
and a launch
pad for those
who create.

Introducing the Radeon™ Pro WX Workstation Family.

Radeon™ Pro WX 7100 GPU
Built for demanding design and manufacturing as well as media and entertainment workflows, including virtual reality.[3]

Radeon™ Pro WX 5100 GPU
Ideal for real time content engines and immersive design and manufacturing including CAD and CAM.

Radeon™ Pro WX 4100 GPU
Great performance in a low-profile card, designed for small form factor (SFF) workstations.

Radeon Pro WX Series Specifications:	Radeon Pro WX 7100	Radeon Pro WX 5100	Radeon Pro WX 4100
COMPUTE UNITS	36 (2304 Stream Processors)	28 (1792 Stream Processors)	16 (1024 Stream Processors)
PEAK SINGLE PRECISION COMPUTE PERFORMANCE	5.73 TFLOPS	3.9 TFLOPS	2.46 TFLOPS
MEMORY CONFIGURATION	8GB GDDR5	8GB GDDR5	4GB GDDR5
MEMORY BANDWIDTH	256-bit	256-bit	128-bit

To learn more about Radeon Pro, please visit: **radeon.com/wx**

1. HEVC acceleration is subject to inclusion/installation of compatible HEVC players.

2. HDR content requires that the system be configured with a fully HDR-ready content chain, including: graphics card, monitor/TV, graphics driver and application. Video content must be graded in HDR and viewed with an HDR-ready player. Windowed mode content requires operating system support.

3. In AMD internal testing, this card exceeded the minimum requirements of the SteamVR test.