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AMD Radeon™ PRO V620 GPU Delivers Powerful, Multi-Purpose Data Center Visual Performance for Today's Demanding Cloud Workloads

SANTA CLARA, Calif., Nov. 04, 2021 (GLOBE NEWSWIRE) -- AMD (NASDAQ: AMD) announced the AMD Radeon PRO™ V620 GPU, built with the latest AMD RDNA™ 2 architecture which delivers high-performance GPU acceleration for today's demanding cloud workloads including immersive AAA game experiences, intensive 3D workloads and modern office productivity applications at scale in the cloud.

With its innovative GPU-partitioning capabilities, multi-stream hardware accelerated encoders and 32GB GDDR6 memory, the AMD Radeon PRO V620 offers dedicated GPU resources that scale to multiple graphics users, helping ensure cost-effective graphics acceleration for a range of workloads[1]. Built using the same GPU architecture that powers the latest generation game consoles and PC game experiences, the AMD Radeon PRO V620 GPU is also designed to develop and deliver immersive AAA game experiences.

"AMD is bringing high-performance AAA gaming experience to the cloud with the introduction of the AMD Radeon PRO V620," said Jeff Connell, corporate vice president, Visual and Cloud Gaming, AMD. "We're seeing adoption of gaming in the cloud from customers around the world, taking advantage of the latest virtualization features delivering efficient and low latency content streaming to multiple simultaneous users. AMD Radeon PRO V620 is yet another proof point of AMD's excellence in gaming – from the PC to the console and now to the cloud."

Multiple Key Use Cases

The AMD Radeon PRO V620 GPU introduces significant architectural advancements in the form of powerful compute units, a robust visual pipeline, and all new AMD Infinity Cache, enabling high-resolution gaming performance with the latest in visual technologies including Vulkan®, DirectX® 12 Ultimate and AMD FidelityFX. With the latest virtualization features, as well as AMD Infinity Cache and 32GB of GDDR6 memory, the AMD Radeon PRO V620 helps to deliver efficient and low latency content streaming to multiple simultaneous users, redefining cloud gaming.

Key features of AMD Radeon PRO V620 include:

- **Powerful Data Center GPU Solution** - All new AMD RDNA™ 2 architecture, with 32GB GDDR6 memory and AMD Infinity Cache, as well as dedicated hardware ray tracing deliver remarkable performance for graphics-intensive workloads and games.
- **Advanced Hardware-Based Security Features** - SR-IOV-based GPU virtualization scales to multiple professional graphics users as well as advanced security

capabilities, helping protect valuable user data from another user.
- **Multi-Purpose Flexibility** - Designed to support the latest AMD drivers and AMD ROCm™ software to facilitate a range of workloads: cloud gaming, DaaS, WaaS, and ML.
- **Supported Modern Applications** - Full support for DirectX® 12 Ultimate, DirectX®, OpenGL®, WebGL and OpenCL™ to accelerate cinematic games and feature-rich applications and websites.

AMD Radeon PRO V620 Graphics Specifications

Model	Stream Processors	Compute Units	GDDR6 ECC Memory	Memory Bandwidth	Memory Interface
AMD Radeon PRO V620	4608	72	32GB @ 16Gbps	512 GB/s	256-bit

Supporting Resources

- Learn more about AMD Radeon PRO V620
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About AMD

For more than 50 years AMD has driven innovation in high-performance computing, graphics and visualization technologies — the building blocks for gaming, immersive platforms and the data center. Hundreds of millions of consumers, leading Fortune 500 businesses and cutting-edge scientific research facilities around the world rely on AMD technology daily to improve how they live, work and play. AMD employees around the world are focused on building great products that push the boundaries of what is possible. For more information about how AMD is enabling today and inspiring tomorrow, visit the AMD (NASDAQ: AMD) website, blog, Facebook and Twitter pages.

1 Video codec acceleration (including at least the HEVC (H.265), H.264, VP9, and AV1 codecs) is subject to and not operable without inclusion/installation of compatible media players. GD-176

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