June 8, 2021

New AMD Radeon PRO W6000 Series Workstation Graphics with AMD RDNA 2 Architecture and Massive 32GB of Memory to Power Demanding Architectural, Design and Media Workloads

– New professional product line features the AMD Radeon PRO W6800, the most powerful AMD RDNA workstation graphics ever, delivering up to 79 percent faster performance than the previous-generation[1] –

SANTA CLARA, Calif., June 08, 2021 (GLOBE NEWSWIRE) -- AMD (NASDAQ: AMD) today announced the AMD Radeon™ PRO W6000 series workstation graphics, delivering exceptional performance, stability and reliability for professional users. The new graphics products were designed and optimized to power demanding architectural design workloads, ultra-high resolution media projects, complex design and engineering simulations, and advanced image and video editing applications.

Built on award-winning AMD RDNA™ 2 architecture, the foundation of next generation, high-powered PCs, laptops and many of today's game consoles, the new product line features the AMD Radeon PRO W6800, the fastest AMD RDNA workstation graphics card ever[1]. It also includes the AMD Radeon PRO W6600 graphics card, meticulously engineered for ultra-high performance workflows, and the AMD Radeon PRO W6600M GPU, designed to power professional mobile workstations.

"AMD RDNA 2 was designed from the ground up to deliver world-class performance for a wide range of applications and workloads," said Scott Herkelman, corporate vice president and general manager, Graphics Business Unit at AMD. "Bringing this breakthrough architecture to our workstation graphics lineup allows users to tackle much larger datasets, dramatically reduce render times, and speed processing of highly complex models and simulations. The AMD Radeon PRO W6000 series gives professionals a powerful new tool in their arsenal to accelerate projects and bring creative visions to life."

Key capabilities and features of the new AMD Radeon W6000 series workstation graphics include:

- **Award-Winning AMD RDNA 2 Architecture** – Built on the advanced 7nm manufacturing process, AMD RDNA 2 architecture introduces an array of advanced features elevating professional graphics to new levels of performance and efficiency.
- **Enhanced Compute Units with Realtime Hardware-Accelerated Raytracing** – Enhanced Compute Units (CU) with Ray Accelerators offer up to 46 percent faster rendering than Radeon PRO graphics cards based on previous-generation

architectures in SOLIDWORKS Visualize 2021[2]. Support for Variable Rate Shading (VRS) delivers real-time photorealistic viewports and rendering.
- **AMD Infinity Cache** – Up to 128MB of last-level data cache integrated on the GPU die is designed to reduce latency and power consumption, enabling the AMD Radeon PRO W6800 to deliver the highest RDNA workstation GPU performance to date[1].
- **Smart Access Memory** – Unlocks higher performance for key professional workloads by giving AMD Ryzen™ 5000 Series Desktop Processors or select AMD Ryzen 3000 series Desktop Processors access to the entire high-speed GDDR6 graphics memory[3].
- **AMD Radeon™ PRO Viewport Boost** – Designed for today's professional workloads and compatible software to help viewport frames-per-second performance increase with project file sizes[4].
- **Certified for leading professional applications** – AMD continues to work with leading professional software application vendors to help ensure AMD Radeon PRO graphics cards are built for demanding 24/7 environments and tested to meet exceptional standards, delivering the stability and reliability required by workstation professionals. The list of certified applications can be found here.

AMD Radeon PRO W6000 Series Workstation Graphics Specifications

Model	Stream Processors	TFLOPS	GDDR6 ECC Memory	Memory Bandwidth	Memory Interface	Display Outputs
AMD Radeon PRO W6800	3840 (60 CUs)	Up to 17.83 (FP32) Up to 35.66 (FP16)	32GB @ 16 Gbps	512 GB/s	256-bit	6x Mini-DisplayPort™ 1.4
AMD Radeon PRO W6600	1792 (28 CUs)	Up to 10.4 (FP32) Up to 20.8 (FP16)	8GB @ 14 Gbps	224 GB/s	128-bit	4x DisplayPort 1.4
AMD Radeon PRO W6600M	1792 (28 CUs)	Up to 10.4 (FP32) Up to 20.8 (FP16)	8GB @ 14 Gbps	224 GB/s	128-bit	*Specific to laptop implementation*

The AMD Radeon PRO W6800 graphics card is available now from leading etailers/retailers for an SEP of $2,249 USD. The AMD Radeon PRO W6600 graphics card is expected to be available from etailers/retailers in Q3 2021 with an SEP of $649 USD. AMD Radeon PRO W6600M GPUs are expected to be available in the HP Fury ZBook G8 mobile workstation in select countries starting July 2021.

Supporting Resources

- Learn more about AMD Radeon PRO W6800, AMD Radeon PRO W6600, and AMD Radeon PRO W6600M
- Learn more about the AMD Radeon PRO W6000 series
- Become a fan of AMD on Facebook
- Follow AMD on Twitter

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 datacenter. 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.

CAUTIONARY STATEMENT

This press release contains forward-looking statements concerning Advanced Micro Devices, Inc. (AMD) such as the features, functionality, performance, availability, timing and expected benefits of AMD products including the AMD Radeon™ PRO W6800, AMD Radeon PRO W6600, and AMD Radeon™ W6600M GPUs, which are made pursuant to the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are commonly identified by words such as "would," "may," "expects," "believes," "plans," "intends," "projects" and other terms with similar meaning. Investors are cautioned that the forward-looking statements in this press release are based on current beliefs, assumptions and expectations, speak only as of the date of this press release and involve risks and uncertainties that could cause actual results to differ materially from current expectations. Such statements are subject to certain known and unknown risks and uncertainties, many of which are difficult to predict and generally beyond AMD's control, that could cause actual results and other future events to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Material factors that could cause actual results to differ materially from current expectations include, without limitation, the following: Intel Corporation's dominance of the microprocessor market and its aggressive business practices; global economic uncertainty; the loss of a significant customer; the impact of the COVID-19 pandemic on AMD's business, financial condition and results of operations; the competitive markets in which AMD's products are sold; quarterly and seasonal sales patterns; market conditions of the industries in which AMD products are sold; the cyclical nature of the semiconductor industry; AMD's ability to adequately protect its technology or other intellectual property; unfavorable currency exchange rate fluctuations; the ability of third party manufacturers to manufacture AMD's products on a timely basis in sufficient quantities and using competitive technologies; the availability of essential equipment, materials, substrates or manufacturing processes; expected manufacturing yields for AMD's products; AMD's ability to introduce products on a timely basis with features and performance levels that provide value to its customers; AMD's ability to generate revenue from its semi-custom SoC products; potential security vulnerabilities; potential IT outages, data loss, data breaches and cyber-attacks; uncertainties involving the ordering and shipment of AMD's products; AMD's reliance on third-party intellectual property to design and introduce new products in a timely manner; AMD's reliance on third-party companies for the design, manufacture and supply of motherboards, software and other computer platform components; AMD's reliance on Microsoft Corporation and other software vendors' support to design and develop software to run on AMD's products; AMD's reliance on third-party distributors and add-in-board partners; the impact of modification or interruption of AMD's internal business processes and information systems; compatibility of AMD's products with some or all industry-standard software and hardware; costs related to defective products; the efficiency of AMD's supply chain; AMD's ability to rely on third party supply-chain logistics functions; AMD's ability to effectively control the sales of its products on the gray market; the impact of government actions and regulations such as export administration regulations, tariffs and trade protection measures; AMD's ability to realize its deferred tax assets; potential tax liabilities; current and future claims and litigation; the impact of environmental laws, conflict minerals-related provisions and other laws or regulations; the impact of acquisitions, joint ventures and/or investments on AMD's business, including the announced acquisition of Xilinx, and the failure to integrate acquired businesses; AMD's ability to complete the Xilinx merger; the impact of the announcement and pendency of the Xilinx merger on AMD's business; the impact of any impairment of the combined company's assets on the combined company's financial position and results of operation; the restrictions imposed by agreements governing AMD's notes and the revolving credit facility; AMD's indebtedness; AMD's ability to generate sufficient cash to service its debt obligations or meet its working capital requirements; AMD's ability to repurchase its

outstanding debt in the event of a change of control; AMD's ability to generate sufficient revenue and operating cash flow or obtain external financing for research and development or other strategic investments; political, legal, economic risks and natural disasters; future impairments of goodwill and technology license purchases; AMD's ability to attract and retain qualified personnel; AMD's stock price volatility; and worldwide political conditions. Investors are urged to review in detail the risks and uncertainties in AMD's Securities and Exchange Commission filings, including but not limited to AMD's most recent reports on Forms 10-K and 10-Q.

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The information contained herein is for informational purposes only, and is subject to change without notice. Timelines, roadmaps, and/or product release dates shown in this Press Release are plans only and subject to change.

[1] Testing as of March 23, 2021 by AMD Performance Labs on a test system comprised of an AMD Ryzen™ 5950X with AMD Radeon™ PRO W5700, AMD Radeon™ PRO W6800 pre-production sample. Benchmark Applications: Lumion v.11 (Museum, Valley Winery, Downtown Development, Glass House, Villa Cabrera, Farnsworth, Residential Home, Beach House), Topaz Video Enhance AI 2.0.0 (Artemis-HQ, Gaia-HQ, Theia-Detail), Dassault Systèmes SOLIDWORKS® Visualize 2021 SP3 (Camaro default angle, Yellow motorcycle, Snowmobile). Performance may vary based on factors such as tasks performed, driver version and hardware configuration. RPW-362

[2] Testing as of March 23, 2021 by AMD Performance Labs on a test system comprised of an AMD Ryzen™ 9 5950Xwith AMD Radeon™ PRO W5700 / AMD Radeon™ PRO WX 9100 / AMD Radeon™ PRO W6600 (pre-production sample) / AMD Radeon™ PRO W6800 (pre-production sample), at 3840x2160 display resolution. Benchmark Application: Dassault Systèmes SOLIDWORKS® Visualize 2021 SP3 (ProRender low sample) test. Performance may vary based on factors such as driver version and hardware configuration. RPW-382

[3] Smart Access Memory technology enablement requires an AMD Radeon 6000 series GPU, Ryzen 5000 or 3000 series GPU (excluding the Ryzen 5 3400G and Ryzen 3 3200G) and an AMD 500 series motherboard with the latest BIOS update. BIOS requires support for AGESA 1.1.0.0 or higher. Download latest BIOS from vendor website. For additional information and system requirements, see https://www.amd.com/en/technologies/smart-access-memory. GD-178

[4] The Radeon™ PRO Viewport Boost feature is currently compatible with Autodesk 3ds Max®, Autodesk Revit® and Epic Twinmotion®. Other professional software products to be announced. GD-189

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A photo accompanying this announcement is available at https://www.globenewswire.com/NewsRoom/AttachmentNg/65b55ffd-5a41-438e-9c89-a4cf1e378696

Source: Advanced Micro Devices, Inc.

AMD Radeon™ PRO W6800 Graphics Card



AMD Radeon™ PRO