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# AMD and Industry Partners to Develop New Blockchain-based Gaming Platforms

## AMD joins Blockchain Game Alliance, and partners with Robot Cache and ULTRA to promote the development and proliferation of blockchain-based PC gaming

SANTA CLARA, Calif., Dec. 13, 2019 (GLOBE NEWSWIRE) -- AMD (NASDAQ: AMD) today announced that it has joined the Blockchain Game Alliance (BGA) and forged partnerships with leading technology providers to help promote the development and proliferation of new blockchain-powered gaming platforms.

The Blockchain Game Alliance is committed to driving awareness and adoption of blockchain technologies within the game industry, providing an open forum for individuals and companies to share knowledge and collaborate, create common standards, establish best practices, and network. As the first major hardware manufacturer to join the BGA, AMD plans to enable alliance members with efficient and high-performance computing technologies for next-generation blockchain-based gaming platforms that could potentially transform the way games are created, published, purchased and played.

AMD also announced partnerships with leading blockchain technology providers, Robot Cache, which launched their online gaming marketplace in June, and ULTRA, which plans to launch its online gaming marketplace in the coming months. Designed to provide optimal cryptographic compute performance with AMD Ryzen™ processors and AMD Radeon™ graphics cards, these marketplaces will provide gamers with new opportunities to buy, sell and share digital video games, as well as offer efficient, new distribution channels for publishers. In addition, Robot Cache will use secure, high-performance AMD EPYC™ processors in the back-end servers powering its platform, and ULTRA will use AMD EPYC™ processors for its blockchain to facilitate block producing.

“Blockchain technology brings broader choice, security and flexibility to both gamers and publishers,” said Joerg Roskowetz, Head of Blockchain Technology, AMD. “Next-generation blockchain game platforms will give gamers access to exclusive online content, and provide new ways for them to truly own it. They will also provide game publishers with new channels to distribute digital game content.”

“The Blockchain Game Alliance is gathering some of the world’s top blockchain innovators and content developers to bring players the best of what this technology has to offer,” said Nicolas Pouard, Blockchain Initiative Director at Ubisoft. “We’re delighted to work with AMD, and other alliance members to determine the role of blockchain in the entertainment experiences of the future.”

**Leading the Blockchain Gaming Charge**

Providing incredible compute performance and security for peer-to-peer transactions, AMD is helping to enable the next generation of blockchain-based gaming platforms via:

- **Blockchain Innovation** – AMD is at the forefront of the blockchain evolution, providing the underlying compute technology to enable a broad range of new blockchain-powered applications, services and use cases spanning industries ranging from gaming and cloud computing to the Internet of Things, healthcare, and others.
- **Efficient, High-performance CPUs and GPUs** – AMD is in a unique position to offer the best combination of high-performance CPUs and GPUs for demanding blockchain workloads.
- **Robust Security** – Designed to address today's increasingly complex and sophisticated security threats, AMD Secure Technology puts protection right on the processor providing an additional layer of robust security.

**Supporting Resources**

- Find more information on the Blockchain Game Alliance here
- Follow AMD on Twitter @AMD
- Follow Radeon™ graphics on Twitter
- Follow Ryzen™ on Twitter

**About AMD**

For 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) including the plans and expected benefits of joining the Blockchain Game Alliance and partnering with blockchain technology providers, 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," "intends," "believes," "expects," "may," "will," "should," "seeks," "intends," "plans," "pro forma," "estimates," "anticipates," or the negative of these words and phrases, other variations of these words and phrases or comparable terminology. Investors are cautioned that the forward-looking statements in this document are based on current beliefs, assumptions and expectations, speak only as of the date of this document 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 may limit AMD's ability to compete effectively; AMD

relies on third parties to manufacture its products, and if they are unable to do so on a timely basis in sufficient quantities and using competitive technologies, AMD's business could be materially adversely affected; failure to achieve expected manufacturing yields for AMD's products could negatively impact its financial results; AMD has a wafer supply agreement with GLOBALFOUNDRIES Inc. (GF) with obligations to purchase all of its microprocessor and APU product requirements, and a certain portion of its GPU product requirements, manufactured at process nodes larger than 7 nanometer from GF with limited exceptions. If GF is not able to satisfy AMD's manufacturing requirements, AMD's business could be adversely impacted; the success of AMD's business is dependent upon its ability to introduce products on a timely basis with features and performance levels that provide value to its customers while supporting and coinciding with significant industry transitions; if AMD cannot generate sufficient revenue and operating cash flow or obtain external financing, it may face a cash shortfall and be unable to make all of its planned investments in research and development or other strategic investments; the loss of a significant customer may have a material adverse effect on AMD; AMD's receipt of revenue from its semi-custom SoC products is dependent upon its technology being designed into third-party products and the success of those products; global economic and market uncertainty may adversely impact AMD's business and operating results; AMD's worldwide operations are subject to political, legal and economic risks and natural disasters, which could have a material adverse effect on it; government actions and regulations such as export administration regulations, tariffs, and trade protection measures, may limit AMD's ability to export AMD's products to certain customers; AMD's products may be subject to security vulnerabilities that could have a material adverse effect on AMD; IT outages, data loss, data breaches and cyber-attacks could compromise AMD's intellectual property or other sensitive information, be costly to remediate and cause significant damage to its business, reputation and operations; AMD's operating results are subject to quarterly and seasonal sales patterns; AMD may not be able to generate sufficient cash to service its debt obligations or meet its working capital requirements; AMD has a large amount of indebtedness which could adversely affect its financial position and prevent it from implementing its strategy or fulfilling its contractual obligations; the agreements governing AMD's notes and the Secured Revolving Line of Credit impose restrictions on AMD that may adversely affect AMD's ability to operate its business; the markets in which AMD's products are sold are highly competitive; the conversion of the 2.125% Convertible Senior Notes due 2026 may dilute the ownership interest of AMD's existing stockholders, or may otherwise depress the price of its common stock; uncertainties involving the ordering and shipment of AMD's products could materially adversely affect it; the demand for AMD's products depends in part on the market conditions in the industries into which they are sold. Fluctuations in demand for AMD's products or a market decline in any of these industries could have a material adverse effect on its results of operations; AMD's ability to design and introduce new products in a timely manner is dependent upon third-party intellectual property; AMD depends on third-party companies for the design, manufacture and supply of motherboards, software and other computer platform components to support its business; if AMD loses Microsoft Corporation's support for its products or other software vendors do not design and develop software to run on AMD's products, its ability to sell its products could be materially adversely affected; and AMD's reliance on third-party distributors and add-in-board partners subjects it to certain risks. 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 Quarterly Report on Form 10-Q for the quarter ended September 28, 2019.

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**Contacts:**
**George Millington**
AMD Communications
+1 408-547-7481
George.Millington@amd.com

**Jason Schmidt**
AMD Investor Relations
+1 408-749-6688
Jason.Schmidt@amd.com



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