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AMD Announces EPYC Processors Now Available on Amazon Web Services

Three New Deployments on Amazon EC2 Instances Mark Next Significant Milestone for AMD EPYC in the Datacenter

SAN FRANCISCO, Nov. 06, 2018 (GLOBE NEWSWIRE) -- Today at Next Horizon, AMD (NASDAQ: AMD) and Amazon Web Services, announced the immediate availability of the first AMD EPYC™ processor-based instances on Amazon Elastic Compute Cloud (EC2). Part of the most popular AWS instance families, the new AMD EPYC™ processor powered offerings feature industry leading core density and memory bandwidth. This results in exceptional performance per dollar for general purpose and memory optimized workloads. The cost savings are driven by the core density of AMD EPYC processors that offer M5 and T3 instance customers a balance of compute, memory, and networking resources for web and application servers, backend servers for enterprise applications, and test/development environments with seamless application migration. For R5 instance customers, the memory bandwidth advantage of AMD EPYC processors is ideal for in-memory processing, data mining, and dynamic data processing.

“The availability of multiple AMD EPYC processor-powered instances on Amazon EC2 instances marks a significant milestone in the growing adoption of our high-performance CPUs with cloud service providers,” said Forrest Norrod, senior vice president and general manager, Datacenter and Embedded Solutions Business Group, AMD. “The powerful combination of cores, memory bandwidth and I/O on AMD EPYC processors create a highly differentiated solution that can offer lower TCO for our customers and lower prices for the end-user. Working with AWS, the number one provider in cloud services, has been amazing for the AMD team and we are excited to see the new instances come online today for their customers.”

The new instances are available as variants of Amazon EC2’s memory optimized and general purpose instance families. AMD-based R5 and M5 instances can be launched via the AWS Management Console or AWS Command Line Interface and are available today in US East (Ohio, N. Virginia), US West (Oregon), Europe (Ireland) and Asia Pacific regions, with availability in additional regions planned soon. AMD-based T3 instances will be available in the coming weeks. AMD-based M5 and R5 instances are available in six sizes with up to 96 vCPUs, up to 768 GB of memory. AMD-based T3 instances will be available in 7 sizes with up to 8 vCPUs and 32 GB of memory. The new instances can be purchased as On-Demand, Reserved, or Spot instances.

Additional Resources

- AMD Next Horizon
- AWS Elastic Compute Cloud
- AMD EPYC on AMD.com
- Follow AMD datacenter developments on Twitter @AMDServer

About AMD

For more than 45 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, and Facebook and Twitter pages.

Cautionary Statement

This press release contains forward-looking statements concerning Advanced Micro Devices, Inc. (AMD) including the features, functionality, availability, timing, deployment and expectations of EPYC™ based AWS R5, M5 and T3 instances, 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 has a wafer supply agreement with GF with obligations to purchase all of its microprocessor and APU product requirements, and a certain portion of its GPU product requirements, from GLOBALFOUNDRIES Inc. (GF) with limited exceptions. If GF is not able to satisfy AMD's manufacturing requirements, its business could be adversely impacted; 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; 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; AMD products may be subject to security vulnerabilities that could have a material adverse effect on AMD; 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 and reputation; AMD's operating results are subject to quarterly and seasonal sales patterns; global economic uncertainty may adversely impact AMD's business and operating results; 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 its ability to operate its business; the markets in which AMD's products are sold are highly competitive; AMD's issuance to West Coast Hitech L.P. (WCH) of warrants to purchase 75 million shares of its common stock, if and when exercised, will dilute the ownership interests of its existing stockholders, and the conversion of the 2.125% Convertible Senior Notes due 2026 may dilute the ownership interest of its 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 AIB 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 29, 2018.

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