January 4, 2023

AMD Highlights Future of High-Performance and Adaptive Computing During Opening Keynote of CES 2023

— AMD CEO and partners including Microsoft, HP, Lenovo, Magic Leap and Intuitive Surgical showcase AMD technologies advancing AI, hybrid work, gaming, healthcare, aerospace and sustainable computing —

— Unveils new mobile CPUs and GPUs, including first x86 PC CPU with dedicated AI engine and new 3D stacked desktop processors with leadership gaming performance, and previews leadership AI inference accelerator and data center APU —

LAS VEGAS, Jan. 04, 2023 (GLOBE NEWSWIRE) -- Today at CES 2023, AMD (NASDAQ: AMD) Chair and CEO Dr. Lisa Su detailed the significant role high-performance and adaptive computing plays in creating solutions to the world's most important challenges. During her live keynote, Dr. Su showcased next-generation AMD leadership products redefining what's possible across the broad markets AMD serves today.

"It is an honor to kick off CES 2023 and highlight all the ways AMD is pushing the envelope in high-performance and adaptive computing to help solve the world's most important challenges," said Dr. Su. "Together with our partners, we highlighted how AMD technology is advancing what is possible in AI, hybrid work, gaming, healthcare, aerospace and sustainable computing. We also launched multiple new mobile, gaming and AI chips that will make 2023 an exciting year for AMD and the industry."

AMD Product Innovation at CES 2023

- **Advancing PCs and Gaming:** AMD announced new mobile and desktop processors to serve every type of user, from casual gamers and content creators to professionals and hybrid workers, along with new graphics solutions to bring the power of high-performance gaming to mobile:
  - The AMD Ryzen™ 7040 Series Mobile processors, featuring the fastest PC processor graphics in the world with up to eight "Zen 4" cores and AMD RDNA 3 graphics [1].
    - As part of the new Ryzen 7040 Series Mobile processors, AMD also unveiled Ryzen AI Technology – the first dedicated artificial intelligence hardware in an x86 processor.
  - AMD Ryzen 7045HX Series Processors for Mobile: Powered by up to 16 powerful "Zen 4" cores and 32 threads, the Ryzen 7045HX mobile processors are built on advanced 5nm process technology.
  - The AMD Ryzen 7000X3D Series processors with AMD 3D V-Cache™ technology, the fastest gaming processors in the world [2].
  - AMD Radeon™ RX 7000 Series Graphics for Laptops based on the AMD RDNA™ 3 architecture offering exceptional energy efficiency and performance to

power 1080p gaming at ultra settings and advanced content creation applications on next-generation premium laptops.

- **Advancing AI:** Dr. Su shared the company's latest advances to enable pervasive AI, including previewing new products to broaden its AI product portfolio from edge to cloud:
  - The AMD Alveo™ V70 AI Accelerator with industry-leading performance and energy efficiency for multiple AI inference workloads.
  - The world's first integrated data center CPU and GPU, the AMD Instinct™ MI300. Designed for leadership HPC and AI performance, MI300 accelerators leverage a groundbreaking 3D chiplet design combining AMD CDNA™ 3 GPU architecture, "Zen 4" CPU cores, and HBM memory chiplets.

- **Advancing Healthcare:** AMD adaptable computing and AI technology powers the world's most important medical solutions, enabling faster diagnoses and drug discoveries and better patient care. At CES, AMD announced the AMD Vitis™ Medical Imaging libraries to bring premium medical imaging products to market faster by reducing development times. These software libraries accelerate premium medical imaging on AMD Versal™ SoC devices with AI Engines to deliver healthcare providers and their patients high-quality, low-latency imaging.

- **Advancing Aerospace:** AMD adaptive computing solutions help satellites and spacecraft compute data and leverage pervasive AI to derive insights. During the keynote, Dr. Su shared how AMD FPGAs and adaptive SoCs are helping to shape the future of space exploration, powering recent space missions from Mars Curiosity and Perseverance to the recently launched Artemis moon mission.

Supporting Resources

- Watch the keynote replay
- Read more about all of AMD's PC announcements here
- Learn more about the AMD Radeon RX 7000 Series Graphics for Laptops here
- Follow AMD on LinkedIn
- Follow AMD on Twitter

About AMD
For more than 50 years AMD has driven innovation in high-performance computing, graphics and visualization technologies. Billions of people, leading Fortune 500 businesses and cutting-edge scientific research institutions around the world rely on AMD technology daily to improve how they live, work and play. AMD employees are focused on building leadership high-performance and adaptive 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, LinkedIn 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 and technology including the AMD Ryzen™ 7040 Series processors, AMD Ryzen™ AI, AMD Ryzen™ 7045 HX Series processors, AMD Ryzen™ 9 7945 HX processor, AMD Radeon™ RX 7000 Series processors, AMD Radeon™ RX 7600M

XT processor, Ryzen™ 7 5800X3D processor, AMD Ryzen™ 7 7800X3D processor, AMD Ryzen™ 9 7950X3D processor, AMD Ryzen™ 9 7900X3D Series processor, AMD Alveo™ V70 AI inference accelerator, and AMD Instinct™ MI300 processor; and the timing and number of future customer launches in 2023, the 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 presentation 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; cyclical nature of the semiconductor industry; market conditions of the industries in which AMD products are sold; loss of a significant customer; impact of the COVID-19 pandemic on AMD's business, financial condition and results of operations; competitive markets in which AMD's products are sold; quarterly and seasonal sales patterns; AMD's ability to adequately protect its technology or other intellectual property; unfavorable currency exchange rate fluctuations; ability of third party manufacturers to manufacture AMD's products on a timely basis in sufficient quantities and using competitive technologies; availability of essential equipment, materials, substrates or manufacturing processes; ability to achieve expected manufacturing yields for AMD's products; AMD's ability to introduce products on a timely basis with expected features and performance levels; AMD's ability to generate revenue from its semi-custom SoC products; potential security vulnerabilities; potential security incidents including IT outages, data loss, data breaches and cyber-attacks; potential difficulties in upgrading and operating AMD's new enterprise resource planning system; 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 design, manufacture and supply of motherboards, software and other computer platform components; AMD's reliance on Microsoft 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; 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; efficiency of AMD's supply chain; AMD's ability to rely on third party supply-chain logistics functions; AMD's ability to effectively control sales of its products on the gray market; 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; impact of environmental laws, conflict minerals-related provisions and other laws or regulations; impact of acquisitions, joint ventures and/or investments, including acquisitions of Xilinx and Pensando, on AMD's business and AMD's ability to integrate acquired businesses; impact of any impairment of the combined company's assets on the combined company's financial position and results of operation; restrictions imposed by agreements governing AMD's notes, the guarantees of Xilinx's notes and the revolving credit facility; AMD's indebtedness; AMD's ability to generate sufficient cash to meet its working capital requirements or generate sufficient revenue and operating cash flow to make all of its planned R&D or 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.

1. Based on testing by AMD as of 12/23/2022. Testing results demonstrated in Borderlands 3, Cyberpunk 2077, Rainbow Six Siege, Assassin's Creed: Valhalla, World of Tanks Encore, League of Legends, Far Cry 6, Grand Theft Auto V, Shadow of the Tomb Raider, F1 2021, Strange Brigade, Total War: Three Kingdoms Battle. Ryzen™ 9 7940HS system: AMD reference motherboard configured with 4x4GB LPDDR5, Samsung 980 Pro 1TB SSD, Radeon 780M Graphics, Windows® 11 64-bit. Core i7-1280P system: HP Elitebook 840 G9 configured with 16GB DDR5-4800, 1TB SSD, Intel Iris Xe, Windows 11 64-bit. System manufacturers may vary configurations, yielding different results. PHX-9.
2. Testing as of 15 December, 2022, by AMD Performance Labs using the following hardware: AMD Ryzen 7 7800X3D and Ryzen 9 7950X3D system: AM5 Reference Motherboard, 32GB DDR5-6000, and Artic Liquid Freezer II cooler. Intel Core i9-13900K system: ASUS Strix Z790-E Gaming Motherboard, 32GB DDR5-6000, and Artic Liquid Freezer II cooler. ALL SYSTEMS configured with an open air test bench, Windows 11, AMD Smart Access Memory technology ON, Virtualization-Based Security (VBS) OFF. Gaming performance calculated with Assassin's Creed: Valhalla, Borderlands 3, CS:GO, Cyberpunk 2077, Deus Ex: Mankind Divided, DOTA 2, F1 2021, Far Cry 6, Final Fantasy XIV, Ghost Recon Breakpoint, Grand Theft Auto V, Hitman 3 Dubai CPU, Hitman 3 Dubai GPU, Metro Exodus, Middle Earth: Shadow of War, Shadow of the Tomb Raider, Strange Brigade, Total War: Three Kingdoms Battle, Warhammer: Dawn of War III, Watchdogs: Legion, Wolfenstein Youngblood (LabX), World of Tanks Encore, Rifbreaker CPU, Red Dead Redemption 2, Forza Horizon 5, Guardians Of The Galaxy, Tiny Tina's Wonderland, Dirt 5, Civilization VI, Horizon Zero Dawn, Ashes of the Singularity (GPU), Total War Warhammer III (Battle), F1 2022, all at 1080p high settings. System manufacturers may vary configurations, yielding different results. RPL-39.

Contact:
Brandi Martina
AMD Communications
+1 512-705-1720
Brandi.Martina@amd.com

Suresh Bhaskaran
AMD Investor Relations
+1 408-749-2845
Suresh.Bhaskaran@amd.com

Source: Advanced Micro Devices, Inc.