April 13, 2018

2nd Generation AMD Ryzen™ Processors: Ultimate Desktop CPUs for High-Performance Computing Available April 19 Worldwide

2nd generation AMD Ryzen processor lineup offers world's highest multithreaded performance desktop processors in its class[1]; immediate pre-order availability from more than 150 retailers and boutique PC manufacturers

SANTA CLARA, Calif., April 13, 2018 (GLOBE NEWSWIRE) -- One year after the first release of the award-winning AMD Ryzen processors, AMD (NASDAQ:AMD) announced pre-orders begin today worldwide for the eagerly anticipated 2nd generation AMD Ryzen desktop processors, with disruptive levels of compute performance at each of four price points[1]. Delivering high-performance computing and innovative new features, 2nd gen Ryzen desktop processors are built to create faster and smoother computing experiences for PC gamers, creators, and hardware enthusiasts.

"Second generation Ryzen desktop processors take everything that made the original Ryzen so groundbreaking and makes it better – great performance combined with advanced technology to deliver an amazing experience for the most demanding users," said Jim Anderson, senior vice president and general manager, Computing and Graphics Group, AMD.

2nd Generation AMD Ryzen Desktop Processors Lineup

This 2nd gen Ryzen desktop processor lineup includes two 8-core, 16-thread models and two 6-core, 12-thread models, all offering major upgrades and advanced AMD SenseMI technology[2].

MODEL	CORES	THREADS	CLOCK SPEED MAX BOOST/ BASE (GHZ)	Smart Prefetch Cache	TDP	COOLER	SEP (USD)	AVAILABILITY
Ryzen™ 7 2700X	8	16	4.3/3.7	20MB	105W	Wraith Prism (LED)	$ 329	Apr 19
Ryzen™ 7 2700	8	16	4.1/3.2	20MB	65W	Wraith Spire (LED)	$ 299	Apr 19
Ryzen™ 5 2600X	6	12	4.2/3.6	19MB	95W	Wraith Spire	$ 229	Apr 19
Ryzen™ 5 2600	6	12	3.9/3.4	19MB	65W	Wraith Stealth	$ 199	Apr 19

For the first time, the entire line of 2nd gen Ryzen desktop processors include a world class AMD Wraith cooler inside the retail box. The AMD Ryzen 7 2700X CPU PIB includes the new Wraith Prism cooler, which offers improved thermal performance over the Wraith Max, a more compatible fan profile, and enhanced lighting capabilities with per-RGB controls.

All 2nd gen AMD Ryzen desktop processors are supported by the new AMD X470 chipset, the most advanced, optimized, and efficient chipset to-date for socket AM4. This chipset comes with a free download of the new AMD StoreMI storage acceleration technology to combine the speed of an SSD with the capacity of a hard drive into a single, fast, easy-to-manage drive.

Motherboards with the AMD X470 chipset will launch alongside the 2nd gen Ryzen desktop processors, with designs available from top manufacturers including ASRock, ASUS, Gigabyte, and MSI. Compatible with all current AM4 processors, the new X470 motherboards augment the existing 300-series motherboards, which are also compatible with the new 2nd gen Ryzen processors after a simple firmware (BIOS) update is installed. Many motherboards in market are already coming with the updated BIOS, indicated by a "Ryzen Desktop 2000 Ready" label on the package.

Availability

For customers eagerly waiting for 2nd gen Ryzen desktop processors, etailers around the world are primed to begin taking pre-orders beginning April 13, at 9 a.m. EDT. On-shelf availability for these 2nd generation AMD Ryzen Desktop Processors is expected on April 19, and complete list of participating retailers can be found on AMD.com.

Supporting Resources

- Learn more about 2nd generation AMD Ryzen desktop processors
- Learn more about AMD SenseMI technology
- Learn more about AMD StoreMI technology
- Learn more about AMD Wraith cooling solution
- Become a fan of AMD on Facebook
- Follow AMD on Twitter

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, 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 and expected benefits of 2nd Generation AMD Ryzen™ Processors, 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; global economic uncertainty may adversely impact AMD's business and operating results; the markets in which AMD's products are sold are highly competitive; 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 products that AMD sells are complex and may be subject to security vulnerabilities that could result in, among other things, the loss, corruption or misuse of confidential data by unauthorized third parties or system performance issues. AMD's efforts to prevent and address security vulnerabilities can be costly and may be partially effective or not successful at all; 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 Annual Report on Form 10-K for the year ended December 30, 2017.

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[1] Testing by AMD Performance labs as of 3/02/2018 on the following system. PC manufacturers may vary configurations yielding different results. Results may vary based on driver versions used. AMD System Config: AMD Ryzen 7 2700X, 'Turpan' reference motherboard, 16GB of dual-channel DDR3-3200, GeForce GTX 1080 Ti Graphics Card, Graphics driver 390.77, and a Samsung 850 PRO 512GB SSD using the Windows 10 RS3 operating system. Intel System Config: Intel Core i7-8700K, Gigabyte Z370 AORUS Gaming5 motherboard, 16GB of dual-channel DDR3-3200, GeForce GTX 1080 Ti Graphics Card, Graphics driver 390.77, and a Samsung 850 PRO 512GB SSD using the Windows 10 RS3 operating system. Multiprocessing performance represented by Cinebench R15 nT multiprocessing performance. Processor class is defined here by competing price points between MSRP $380 and $220 USD. Suggested pricing found at ark.intel.com and amd.com. The Ryzen 7 2700X achieved a score of (omitted: -) faster than the Core i7-8700K), while the Core i7-8700K (MSRP $370) achieved a score of omitted: - slower than the Ryzen 7 2700X). The Ryzen 7 2700 (MSRP $299) achieved a score of (omitted: -) faster than the Core i7-8700K), while the Core i7-8700K (MSRP $370) achieved a score of (omitted: -) slower than the Ryzen 7 2700). The Ryzen 5 2600X (MSRP $249) achieved a score of (omitted: -) faster than the Core i5-8600K), while the Core i5-8600K (MSRP $258) achieved a score of (omitted -) slower than the Ryzen 5 2600X). The Ryzen 5 2600 (MSRP $249) achieved a score of (omitted: -) faster than the Core i5-8600K), while the Core i5-8600K (MSRP $258) achieved a score of (omitted: -) slower than the Ryzen 5 2600). RZ2-2

[2] AMD SenseMI technology is built into all Ryzen processors, but specific features and their enablement may vary by product and platform. Learn more at http://www.amd.com/en/technologies/sense-mi.

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