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AMD Completes Ryzen Mainstream Desktop Lineup with the Release of Ryzen 3 processors

New Ryzen 3 CPUs Deliver Exceptional Responsiveness and Performance at Mainstream Pricing

SUNNYVALE, Calif., July 27, 2017 (GLOBE NEWSWIRE) -- Building off a momentous introduction of the AMD "Zen" core architecture named "Best New Technology" by independent reviewers around the globe, AMD (NASDAQ:AMD) today released two models of its mainstream-priced, high-efficiency AMD Ryzen™ 3 desktop processor -- the AMD Ryzen™ 3 1300X and AMD Ryzen™ 3 1200 CPUs. The two Ryzen 3 processors come equipped with true quad-core unlocked performance for gaming and computing, and join the award-winning AMD Ryzen™ 7 and Ryzen™ 5 desktop processors with a large and growing AM4 motherboard ecosystem.[1]

"These past few months have been an exciting period for AMD with the global launch of Ryzen 7, designed for even the most demanding power users, and the release of Ryzen 5, which meets and even exceeds the needs of serious Prosumers," said Jim Anderson, senior vice president and general manager, Computing and Graphics Group, AMD. "Ryzen 3 is a significant addition to our Ryzen desktop processor lineup, scaling industry leading responsiveness and performance into a budget-friendly package for mainstream users. AMD's Ryzen processor line reenergizes innovation and competition across the entire PC market, providing consumers with a newfound selection of processors that can fulfill their computing needs at virtually every price point."

Performance and Availability

The Ryzen 3 lineup includes two 4-core, 4-thread desktop CPUs available for purchase, both of which support the new AM4 platform found throughout the entire mainstream Ryzen processor family. Ryzen 3 1300X and Ryzen 3 1200 are designed to deliver optimum performance for esports gaming and computing applications. Thanks to four physical processing cores, the Ryzen 3 1300X and Ryzen 3 1200 boast impressive multiprocessing advantages compared to the competition while delivering impressive game performance. And like all socket AM4 processors, Ryzen 3 is multiplier-unlocked to provide even more performance to users who appreciate the freedom to overclock.[1]

Product Line	*Model*	*Cores*	*Threads*	*Base Clock (GHz)*	*Boost Clock (GHz)*	*TDP (Watts)*	*PRICE SEP (USD)*
AMD Ryzen 3	1300X	4	4	3.5	3.7	65	$ 129
AMD Ryzen 3	1200	4	4	3.1	3.4	65	$ 109

Ryzen 3 1300X delivers a base clock of 3.5 GHz, a precision boost of 3.7GHz, and can even clock as high as 3.9 GHz with XFR in the presence of premium cooling[2]. The Ryzen 3 1200

maintains a base clock of 3.1 GHz and a precision boost of 3.4 GHz. Just like the entire Ryzen lineup, all Ryzen 3 processors feature a true artificial intelligence inside that employs a neural network to learn about your applications to send workloads down the fastest pathway inside the CPU for optimized performance. In addition, every Ryzen 3 processor is AMD VR Ready[3] thanks to its advanced architecture and lightning-fast responsiveness.

AMD Ryzen 3 Processor and Platform Availability
Availability for both AMD Ryzen 3 models begins today at etailers around the world. All AMD Ryzen 3, Ryzen 5 and Ryzen 7 processors support the AM4 infrastructure, with extensive motherboard designs in market from all top ODMs, all built upon the following desktop chipsets for AMD Ryzen processors – the X370, B350 and the A320, the latter intended for mainstream PCs at new, consumer-friendly price points.

Wraith Stealth & Max Thermal Solutions
The AMD Ryzen 3 lineup also features the Wraith Stealth cooler, included with both the AMD Ryzen 1300X and Ryzen 1200. This capable AMD thermal solution is the quietest, lowest-profile option in the Wraith cooler lineup. In addition, originally only available exclusively as a pre-installed thermal solution in select partner systems, AMD today also announced that its top-of-the-line Wraith Max cooler with RGB programmable LED is now available for individual sale for $59 SEP USD. Compatible with AM4, AM3, and FM2 motherboards, the Wraith Max cooler is powerful enough to provide the premium cooling required to enable XFR on Ryzen 7 1800X, 1700X, and Ryzen 5 1600X while maintaining a noise level under 38dBA.[2]

Worldwide Release of AMD 7th Generation A-Series & Athlon Processors for Socket AM4
AMD also announced the worldwide release of the highly popular 7th Generation AMD A-Series desktop processor (codenamed 'Bristol Ridge') and the AMD Athlon™ X4 CPU for socket AM4, providing entry-level processor solutions for this advanced platform. Engineered to deliver a premium PC experience with superior unlocked performance[1] and efficiency for entry level PCs, 7th Gen A-Series processors include Radeon™ graphics for impressive gaming and a quad core architecture for responsive computing. The introduction of 7th Gen A-series, Athlon X4, and Ryzen™ 3 processors completes the stable, mature socket AM4 ecosystem, making it the only future-ready platform that scales all the way from entry-level CPUs all the way up to the high-end 8-core/16-thread Ryzen™ 7 1800X.

Supporting Resources

- Learn more about AMD Ryzen processors at AMD.com/Ryzen
- Learn more about the "Zen" core architecture at AMD.com/Zen
- Learn more about AMD Products, Solutions, and Innovations
- Become a fan of AMD on Facebook
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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.

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[1]Overclocking AMD processors, including without limitation, altering clock frequencies / multipliers or memory timing / voltage, to operate beyond their stock specifications will void any applicable AMD product warranty, even when such overclocking is enabled via AMD hardware and/or software. This may also void warranties offered by the system manufacturer or retailer. Users assume all risks and liabilities that may arise out of overclocking AMD processors, including, without limitation, failure of or damage to hardware, reduced system performance and/or data loss, corruption or vulnerability. RZN-6

[2]AMD defines premium processor cooling as a combination of ambient temperature and thermal solution that results in processor temperatures below 60 degrees Celsius while the CPU is processing the system workload. GD-118

[3] AMD VR Ready Processors are select AMD processors that meet or exceed the Oculus Rift or HTC Vive minimum specifications for processors. Other hardware (including graphics cards) and system requirements recommended by Oculus Rift or HTC Vive should also be met in order to operate the applicable HMDs as intended. As VR technology, HMDs and other VR hardware and software evolve and/or become available, these criteria may change without notice. Check with your PC or system manufacturer to confirm VR capabilities. GD-116

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