

April 5, 2016



AMD Accelerates Availability of Mobile 7th Generation AMD A-Series Processors

Delivered Well Ahead of Schedule, New Processors Feature up to Double-Digit Percentage Gains in Computing and Graphics Performance to Garner Designs From Global PC OEMs(1)

SUNNYVALE, CA -- (Marketwired) -- 04/05/16 -- [AMD](#) (NASDAQ: AMD) today announced early availability of its new mobile 7th Generation AMD A-Series Processors, timed to support an exciting new notebook design by HP Inc. Equipped with advanced video, graphics, performance, and security features designed to boost productivity and enhance the entertainment experience, 7th Generation AMD A-Series Processors (codenamed "Bristol Ridge") also provide outstanding energy efficiency. New OEM PC designs powered by mobile 7th Generation AMD A-Series Processors -- from ultrathin notebooks and convertibles to sleek All-in-Ones -- will come to market first with HP in the new [HP ENVY x360](#), and with other OEM announcements expected later in the year. AMD will officially introduce 7th Gen A-Series APUs and showcase a wide range of OEM designs at Computex 2016, May 31-June 4, 2016, in Taipei, Taiwan.

"We know that consumers want more for their money than ever before -- sharper graphics, faster performance, and longer battery life. We have focused on working with key OEM partners to develop outstanding computing platforms that will fully take advantage of the powerful 7th Generation AMD APUs," said Jim Anderson, senior vice president and general manager, Computing and Graphics Business Group, AMD. "I'm excited that consumers will start to see some of these fantastic systems come to market so soon. I'm very proud of the exceptional AMD engineering execution that enabled us to accelerate these exciting new products into the market for our customers and end users."

"It is exciting for HP to be first in bringing 7th Generation AMD A-Series APU technology to market, especially in such a compelling new notebook design," said Kevin Frost, vice president and general manager, Consumer Personal Systems, HP Inc. "We think the HP ENVY x360 will resonate with consumers who are looking for the entertainment- and productivity-enhancing capabilities of the ENVY x360 design, which really showcases AMD computing and graphics prowess."

Now shipping in volume to OEM customers are both quad- and dual-core 7th Gen AMD A-Series processors, featuring mobile-optimized "Excavator" x86 CPU cores for high-speed computing, and Radeon™ R7 or R5 graphics for smooth online gaming and enhanced HD streaming capabilities. The 7th Generation AMD A-Series FX™ part shows up to 50% improvement in compute performance over the FX part released just two years ago².

The 7th Gen AMD A-Series APUs will allow users to enjoy the latest multimedia experiences in up to Ultra HD 4K video resolution, and AMD FreeSync™ Technology support for fluid, artifact-free online gaming performance in capable notebook and All-in-One configurations.

For the latest information on the 7th Generation AMD A-Series APU, visit www.amd.com/APU. To learn more about how AMD computing and graphics power the products you love, visit www.amd.com/innovation.

Supporting Resources

- [Learn more](#) about the 7th Generation AMD A-Series APUs
- [Learn more](#) about the HP ENVY x360
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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.

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¹ Testing by AMD Performance labs. PC manufacturers may vary configurations yielding different results. 3DMark 11 Performance is used to simulate gaming performance; the 7th Generation AMD FX™ @ 15W scored 2409 while the 6th Generation AMD FX-8800P @ 15W scored 1956, for a benchmark score difference of $2409/1956 = 1.23X$ or 23%. System Configurations: 7th Generation FX™ @15W: AMD "Gardenia" platform, 2x4096 DDR4-1866 RAM, 244GB SSD Drive (Non-rotating), Microsoft Windows 10 Enterprise, Graphics driver 15.300.0.0 2015-11-09 FX-8800P: AMD FX-8800P with AMD Radeon R7 Graphics, 2x4096 DDR3-1600 RAM, 244GB SSD Drive (Non-rotating), Microsoft Windows 10 Enterprise, Graphics driver 15.300.1025.0 2015-11-13 BRN-7

² Testing by AMD Performance labs. PC manufacturers may vary configurations yielding different results. Cinebench R15 1T is used to represent per core performance; the 2016 7th Generation AMD FX @ 15W scored 232.86 on average while the 2014 AMD FX @15W scored 149.18 on average, for an average benchmark score difference of $232.86/149.18 = 56.09\%$. BRN-21

System Configurations: 7th Gen AMD FX™ @15W: AMD Gardenia, 7th Gen AMD FX @ 15W with AMD Radeon R7 Graphics, 2x4096 DDR4-1866 RAM, 244GB SSD Drive (Non-rotating), Microsoft Windows 10 Pro, Graphics driver 16.101.0.0 2016-01-31 and AMD FX-7500: AMD BALLINA, FX-7500 @15W with AMD Radeon™ R7 Graphics, 2x4096 DDR3-1600 RAM, 244GB SSD Drive (Non-rotating), Microsoft Windows 10 Pro, Graphics driver 16.150.2211.0 2016-03-20

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Source: Advanced Micro Devices