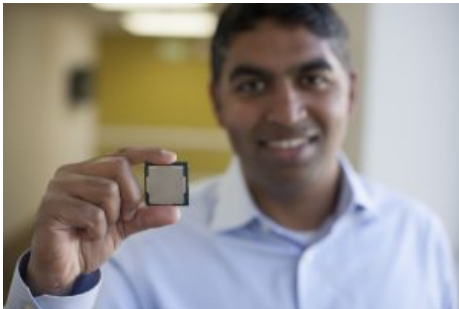


## News Byte

October 5, 2017

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Anand Srivatsa, general manager of the Desktop Platform Group at Intel Corporation, displays an 8th Gen Intel Core desktop processor. The new Intel processor family for desktop use is available Oct. 5, 2017. (Credit: Intel Corporation)

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**Announced on Sept. 24,** 8<sup>th</sup> Gen Intel® Core™ desktop processors are available to purchase starting today. Offering a range of performance options for consumers, including unlocked “K” processors at each Intel Core brand, the 8<sup>th</sup> Gen Intel Core desktop processors are built for those who require premium performance: gamers, content creators and overclockers.

The new desktop processor family includes the new 8<sup>th</sup> Gen Intel Core i7 processor, which is the best desktop gaming processor ever from Intel<sup>1</sup>, along with the first-ever 6-core Intel Core i5 desktop processor and 4-core Intel Core i3 desktop processor. These processors deliver frame rate improvements of up to 25 percent<sup>2</sup> compared with 7<sup>th</sup> Gen Intel Core processors, enabling smooth gaming experiences. Content creators can expect 65 percent faster editing<sup>3</sup> compared with a 3-year-old machine.

HWBOT, the authority on regulating international overclocking competitions and rankings, was fast at work to document [overclocking<sup>4</sup> records](#) with two total world records and nine global first-places for the 8<sup>th</sup> Gen Intel Core i7-8700K processor.

The 8<sup>th</sup> Gen Intel Core desktop processors are available through multiple retailers, along with new Intel Z370 chipset-based motherboards from all major motherboard manufacturers.

Software and workloads used in performance tests may have been optimized for performance only on Intel® microprocessors. Performance tests, such as SYSmark\* and MobileMark\*, are measured using specific computer systems, components, software, operations, and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more information, go to [www.intel.com/benchmarks](http://www.intel.com/benchmarks).

<sup>1</sup>As measured by a sampling of AAA game titles using the games' benchmark mode measuring frames per second (FPS) on Intel Core i7-8700K processor.

<sup>2</sup>As measured by Gears of War\* 4 Workload – benchmark mode – comparing Intel® Core™ i7-8700K processor (6C/12T) vs. Intel® Core™ i7-7700K processor (4C/8T)

<sup>3</sup>As measured by Photo Editing Adobe Photoshop Lightroom workload comparing Intel® Core™ i7-8700K processor (6C/12T) vs. Intel® Core™ i7-4790K processor (4C/8T).

<sup>4</sup>Altering clock frequency or voltage may damage or reduce the useful life of the processor and other system components, and may reduce system

stability and performance. Product warranties may not apply if the processor is operated beyond its specifications. Check with the manufacturers of system and components for additional details.

Tags: [8th Gen Intel Core](#), [Desktop](#)

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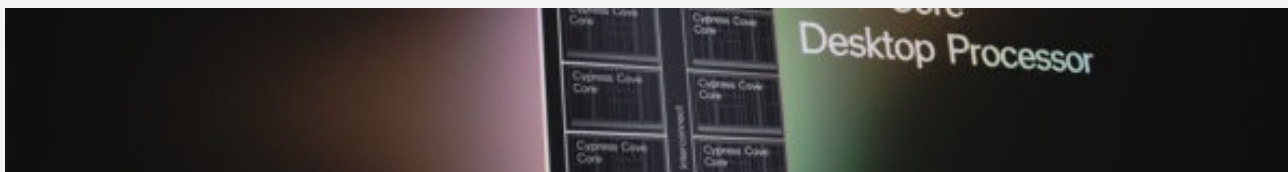
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March 16, 2021

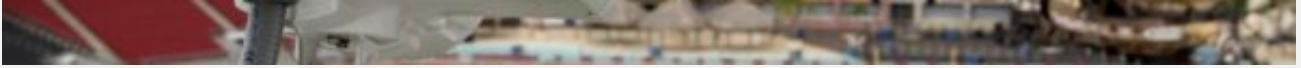
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