



UPSELL YOUR ENTHUSIAST CUSTOMERS TO UNLOCKED 7TH GEN INTEL[®] CORE[™] PROCESSORS

Up to 28% better performance^{1,3} and 38% better 3D Graphics^{2,3} vs. a 3-year-old desktop!

Upsell your customers from a previous generation Intel[®] Core[™] processor to an Unlocked 7th Gen Intel[®] Core[™] i3, i5 or i7 processor to support their gaming lifestyle. New Unlocked 7th Gen Intel[®] Core[™] i3 processors offer overclocking freedom with enhanced precision and full range based clock tuning.⁴

Processors marked with a “K” indicate an “Unlocked” processor. These overclockable processors allow customers to tweak and tune beyond the factory settings in order to squeeze the most performance possible out of their Intel[®]-based device.⁴

Are your customers looking for even more performance? Have them consider an Unlocked 7th Gen Intel[®] Core[™] i5 or i7 processor for more hardcore enthusiast-grade performance.⁴

 **28%**

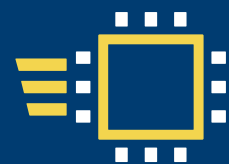
UP TO 28% BETTER PERFORMANCE VERSUS A 3-YEAR-OLD DESKTOP PC^{1,3}

- System acceleration with Intel[®] Optane[™] memory⁵
- Performance-oriented expansion of standard DDR4 memory support



SUPPORT FOR NEW ENTHUSIAST USAGES

- Delivers balanced platform performance to drive the newest VR headsets
- Ultimate performance for gaming live-broadcast and sharing



INTEL[®] Z270 CHIPSET FOR OVERCLOCKING SUPPORT

- Up to 24 PCI Express^{*} 3.0 lanes for more connectivity⁶
- More Intel[®] RST ports for high-performance PCIe^{*} Storage⁶
- Compatible with Intel[®] Z170 Chipset

NEW OVERCLOCKING ENHANCEMENTS

Discuss the following benefits with your customers as they consider purchasing a device featuring an Unlocked 7th Gen Intel® Core™ processor.



- **Base Clock (BCLK) Aware V/F Curve: Adaptive voltage mode works with BCLK** to achieve high clock stability^{4 6}
- **AVX Negative Ratio Offset:** Allows excellent control over Intel® Turbo Boost Technology while overclocking with increased stability^{4 6 7}

Unlocked 7th Gen Intel® Core™ Processors

PROCESSOR NUMBER	CORES/ THREADS	CLOCK SPEED (Base Frequency, GHz)	MAX TURBO FREQUENCY (GHz)	INTEL® SMART CACHE (MB)	MAX # PCI EXPRESS* 3.0 LANES	RECOMMENDED CHIPSET	MEMORY SUPPORT/ CAPACITY
i7-7700K	4/8	4.2	Up to 4.5	8	16	Z270	2 channels DDR4-2400*/ DDR3L-1600
i5-7600K	4/4	3.8	Up to 4.2	6	16	Z270	2 channels DDR4-2400*/ DDR3L-1600

K = Unlocked

***DDR4-2400 support is 1 and 2 DPC for UDIMMs but only 1 DPC for SODIMM**

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 <http://www.intel.com/performance>.

1 Based on SYSmark* 2014 on a 7th Generation Intel® Core™ i7-7700K Processor vs. a 4th Generation Intel® Core™ i7-4770K Processor.

2 Based on 3DMark* Fire Strike Physics Score on a 7th Generation Intel® Core™ i7-7700K Processor vs. a 4th Generation Intel® Core™ i7-4770K Processor.

3 Configuration details: Intel® Core™ i7-7700K Processor, PL1=91W TDP, 4C8T, Turbo up to 4.5GHz, Motherboard: ASUS* Z270, Graphics: NVIDIA* GTX 1080, Memory: 2x8GB LPDDR4-2400, Storage: Intel SSD, OS: Windows* 10 Build 1607 versus Intel® Core™ i7-4770K Processor, PL1=84W TDP, 4C8T, Turbo up to 3.9GHz, Motherboard: H97, Graphics: NVIDIA* GTX 1080, Memory: 2x8GB, DDR3-1600, Storage: Intel SSD, OS: Windows* 10 Build 1607.

4 Warning: Altering PC clock or memory frequency and/or voltage may (i) reduce system stability and use life of the system, memory and processor; (ii) cause the processor and other system components to fail; (iii) cause reductions in system performance; (iv) cause additional heat or other damage; and (v) affect system data integrity. Intel assumes no responsibility that the memory, included if used with altered clock frequencies and/or voltages, will be fit for any particular purpose. Check with memory manufacturer for warranty and additional details.

5 Only refers to LGA processor socket compatibility. For software, new graphics driver required to support new graphics and media hardware features.

6 Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at intel.com.

7 Requires a system with Intel® Turbo Boost Technology. Intel Turbo Boost Technology and Intel Turbo Boost Technology 2.0 are only available on select Intel® processors. Consult your system manufacturer. Performance varies depending on hardware, software, and system configuration. For more information, visit <http://www.intel.com/go/turbo>

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