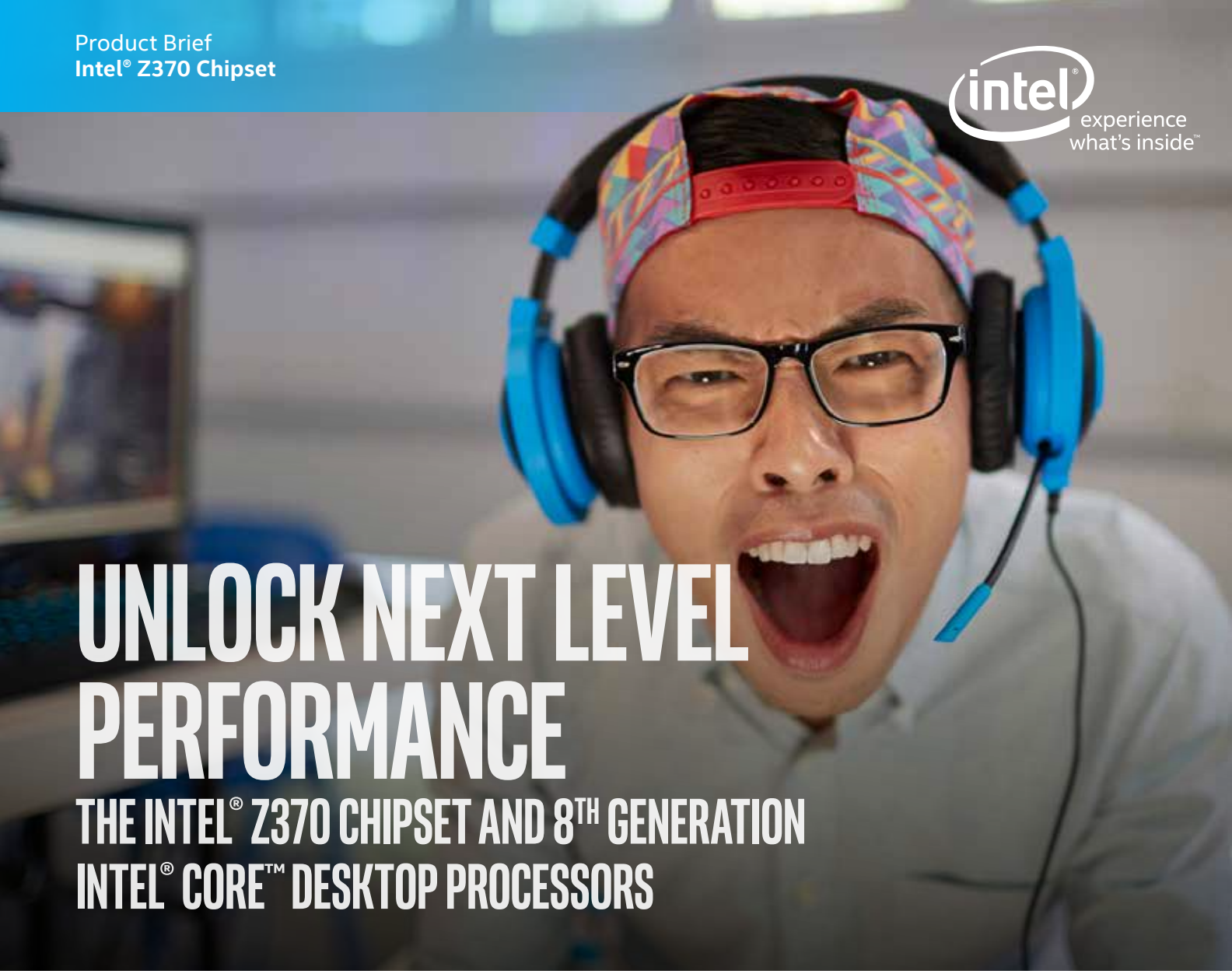


UNLOCK NEXT LEVEL PERFORMANCE

THE INTEL® Z370 CHIPSET AND 8TH GENERATION INTEL® CORE™ DESKTOP PROCESSORS

Grab breath-taking performance with 8th Generation Intel® Core™ desktop processors and the Intel® Z370 chipset.

UNLOCK NEW ADVENTURES WITH THE 8TH GENERATION INTEL® CORE™ PROCESSOR

Get the edge over your competitors with the Intel Z370 chipset and 8th Generation Intel Core processors. From battling your fiercest e-sports opponents to quickly accessing your favorite media files, the Intel Z370 chipset and 8th Generation Intel Core processors provide you with tools such as Intel® Turbo Boost Technology 2.0[1] and Intel® Hyper-Threading Technology[1] to ensure you are ready to compete.

UNLEASH GREAT PERFORMANCE

Take control of your performance with the Intel Z370 chipset and unlocked 8th Generation Intel Core processors. Unlock your core, graphics, and memory frequencies[2] to new heights as you conquer your next epic adventure. The Intel Z370 chipset paired with new unlocked 8th Generation Intel Core processors sets free a top gaming experience.

EXPERIENCE IMMERSIVE SOUND QUALITY

FAST PC RESPONSIVENESS AT YOUR COMMAND

The Intel Z370 chipset and 8th Generation Intel Core processors enable support for Intel® Optane™ memory which speeds up access to your favorite programs and files.[3] With the fast application response times enabled by Intel Optane memory, you can take the advantage over your competition. Experience immersive sound quality via Intel® High Definition audio and enable your PC to respond to your voice commands with Intel® Smart Sound Technology.[1]

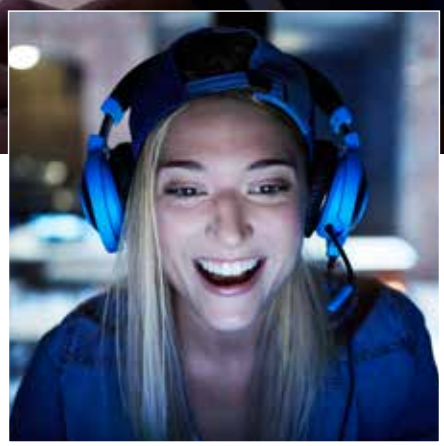
IMMERSIVE VISUALS WITH INTEL® UHD GRAPHICS

Intel UHD Graphics on 8th Generation Intel Core processors provide eye-popping 4K UHD resolutions. Experience more immersive gaming with High Dynamic Range (HDR) and Rec. 2020 (Wide Color Gamut) support. Playback your favorite videos with color precision via native true 10-bit graphics output. Watch the latest 4K UHD premium content on your PC from leading online providers.[1] With up to three independent, DisplayPort* and/or HDMI* displays supported with the Intel Z370 chipset, you can immerse yourself into your gaming experience.

ENABLE BLAZINGLY FAST DATA TRANSFERS

MASSIVE STORAGE CAPABILITIES

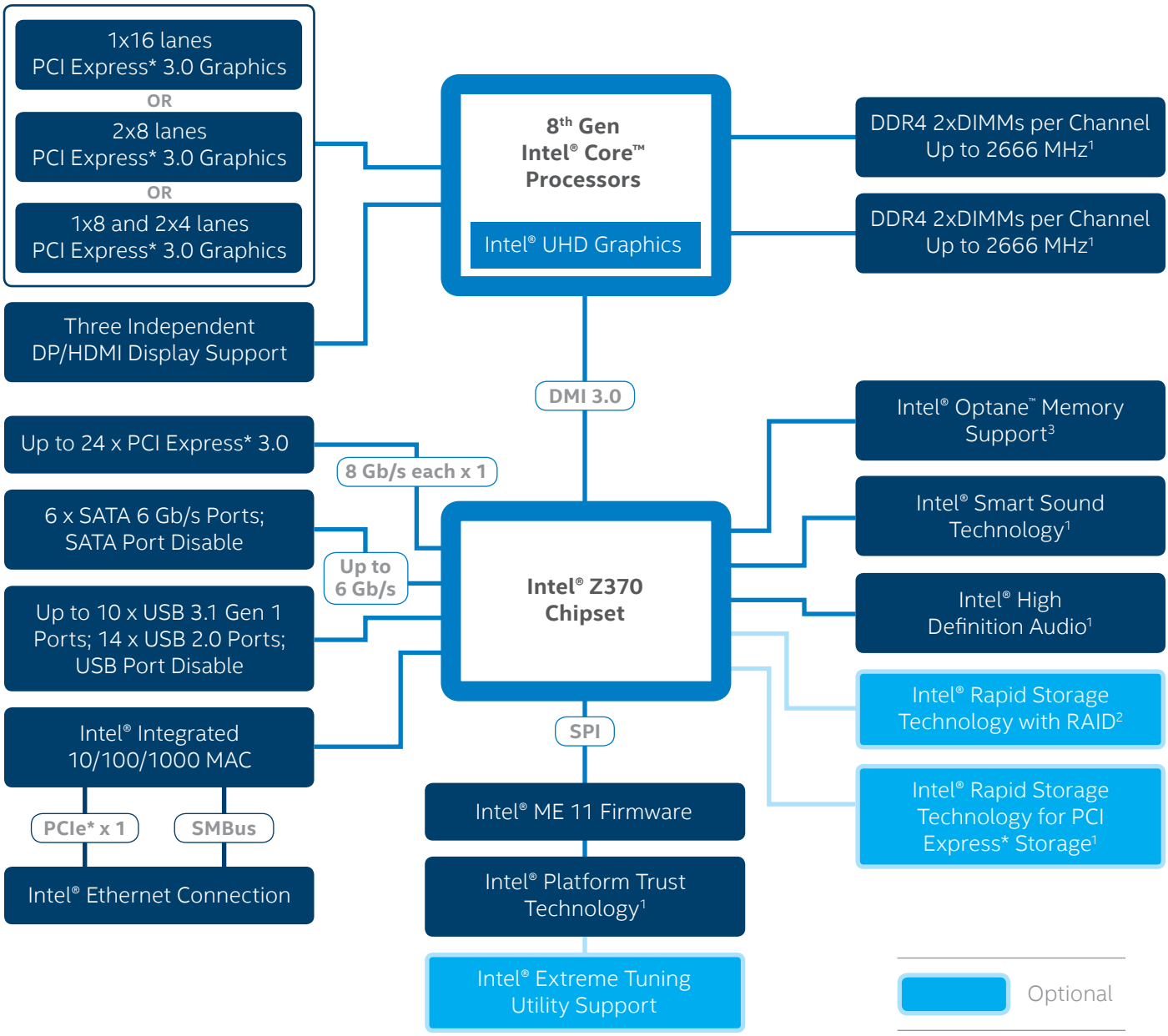
Expand your storage capabilities with the Intel Z370 chipset and 8th Generation Intel Core processors. Quickly transfer your files to your phone or tablet via the integrated USB 3.1 Gen 1 support of the Intel Z370 chipset. Create fast storage volumes and back-up your media and critical information via RAID support on PCI Express* SSDs and SATA devices.[1] Enable blazingly fast data transfers to your favorite devices with PCI Express* 3.0.



INTEL® Z370 CHIPSET FEATURES AT A GLANCE

FEATURES	BENEFITS
Support for 8th Generation Intel® Core™ desktop processors	Supports 8th Generation Intel® Core™ processors, Intel® Pentium® processors, and Intel® Celeron® processors.
Overclocking[2]	The Intel® Z370 chipset enables overclocking features of unlocked 8th Generation Intel Core processors.
Intel® Rapid Storage Technology[1]	With additional hard drives added, helps provide quick access to digital photo, video, and data files, and data protection against a hard disk drive failure with RAID 0, 1, 5, and 10.
Intel® Rapid Storage Technology for PCI Express* Storage[1]	Enables Intel® Rapid Storage Technology features such as RAID 0, 1, and 5 with PCI Express*-based SSDs.
Intel® Optane™ Memory Support[3]	Provides performance improvements as well as fast app response times for system acceleration and responsiveness when paired with an Intel Optane memory module.
Intel® Smart Sound Technology[1]	Integrated digital signal processor (DSP) for audio offload and audio/voice features.
Intel® High Definition Audio[1]	Integrated audio support enables premium digital surround sound and delivers advanced features such as multiple audio streams and jack re-tasking.
USB 3.1 Gen 1	Integrated USB 3.1 Gen 1 support provides great enhancement in performance with a design data rate of up to 5 Gb/s.
USB 2.0	High-Speed USB 2.0 support with a design data rate of up to 480 Mb/s.
USB Port Disable	Enables individual USB ports to be enabled or disabled as needed. This feature helps provide added protection of data by preventing malicious removal or insertion of data through USB ports.
Serial ATA (SATA) 6 Gb/s	High-speed storage interface supporting up to 6 Gb/s transfer rates for optimal data access.
SATA Port Disable	Enables individual SATA ports to be enabled or disabled as needed. This feature helps provide added protection of data by preventing malicious removal or insertion of data through SATA ports.
Intel® Platform Trust Technology[1]	Integrated chipset hardware and firmware solution that delivers a trusted element of the platform execution to provide enhanced security by verifying the boot portion of the boot sequence which helps protect against viruses and malicious SW attacks.
PCI Express 3.0 Interface	Offers up to 8 GT/s for fast access to peripheral devices and networking with up to eight PCI Express 3.0 x1 ports, configurable as x2, x4, and x8 depending on desktop motherboard designs.
8th Generation Intel® Core™ processor PCI Express 3.0 Interface	Intel® Z370 chipset-based platforms enable the processor PCI Express 3.0 lanes to be configurable as 1x16, 2x8, or 1x8 and 2x4 depending on desktop motherboard designs.
Intel® Integrated 10/100/1000 MAC	Support for the Intel® Ethernet Connection I219-V.

INTEL® Z370 CHIPSET BLOCK DIAGRAM



1 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 www.intel.com.

2 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.

3 Intel® Optane memory requires specific hardware and software configuration. Visit www.intel.com/OptaneMemory for configuration requirements.

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