

UPGRADE YOUR PC EXPERIENCE

THE INTEL® B360 CHIPSET AND 9TH AND 8TH GENERATION
INTEL® CORE™ DESKTOP PROCESSORS

**Experience great
performance with 9th
and 8th Generation
Intel® Core™ desktop
processors and the
Intel® B360 chipset.**

RAISE YOUR PERFORMANCE TO NEW HEIGHTS

Boost your home and small business computing performance with the Intel B360 chipset and 9th and 8th Generation Intel Core processors. Get quick access to your media and increase your small business productivity with features such as Intel® Turbo Boost Technology 2.0¹ and Intel® Hyper-Threading Technology¹.

FAST PC RESPONSIVENESS AT YOUR COMMAND

The Intel B360 chipset and 9th and 8th Generation Intel Core processors enable support for Intel® Optane™ memory which speeds up access to your favorite programs and files.² With the fast application response times enabled by Intel Optane memory, you can quickly access your digital life. 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



ACHIEVE GIGABIT WIRELESS CONNECTIONS

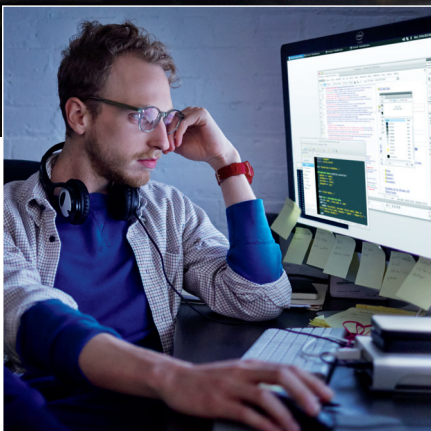
UNLEASH YOUR NETWORK PERFORMANCE

Achieve Gigabit wireless connections with 1st generation integrated Intel® Wireless-AC support³. The Intel B360 chipset integrates an Intel wireless 802.11ac and Bluetooth* 5 solution allowing you to connect up to Gigabit Wi-Fi speeds³ with Intel® Wireless-AC 9560. With no Ethernet cable required, your desktop will be ready for all current and future wireless use cases and has the flexibility to be located in more places within your home or office.

IMMERSIVE VISUALS WITH INTEL® UHD GRAPHICS

Intel UHD Graphics on 9th and 8th Generation Intel Core processors provide eye-popping 4K UHD resolutions. Experience more immersive visuals 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 B360 chipset, you can enable great productivity throughout your office .

**BOOST
YOUR MEDIA
TRANSFER
SPEEDS**



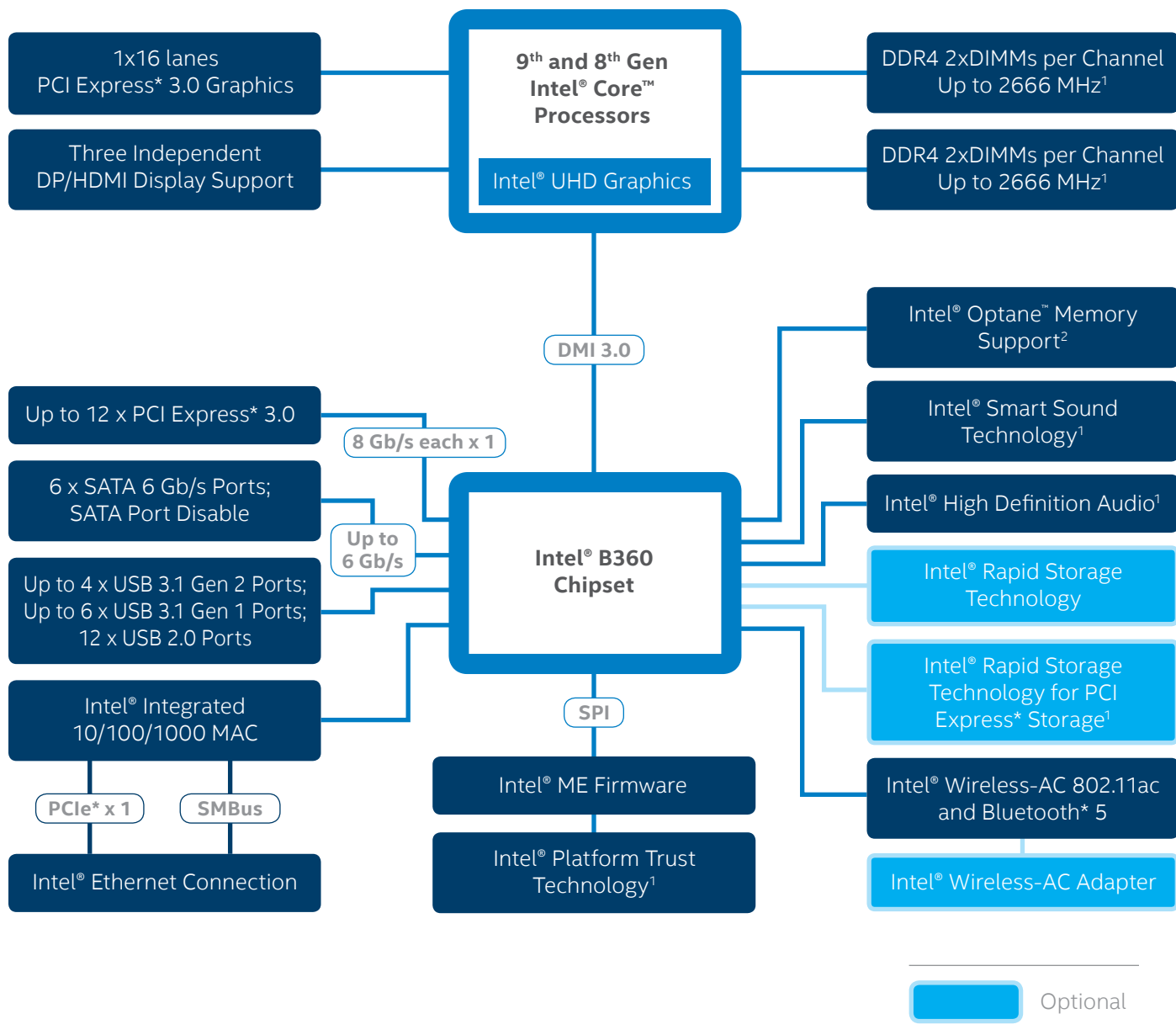
HUGE STORAGE CAPABILITIES

Expand your storage capabilities with the Intel B360 chipset and 9th and 8th Generation Intel Core processors. Boost your media transfer speeds with the integrated USB 3.1 Gen 2 support of the Intel B360 chipset. Intel® Rapid Storage Technology¹ provides Advanced Host Controller Interface (AHCI) support and low power management of your SATA devices. Enable blazingly fast data transfers to your favorite devices with PCI Express* 3.0.

INTEL® B360 CHIPSET FEATURES AT A GLANCE

FEATURES	BENEFITS
Support for 9th and 8th Generation Intel® Core™ desktop processors	Supports 9th and 8th Generation Intel® Core™ processors, Intel® Pentium® processors, and Intel® Celeron® processors.
Intel® Rapid Storage Technology ¹	Provides Advanced Host Controller Interface (AHCI) support and low power management of your SATA devices.
Intel® Rapid Storage Technology for PCI Express* Storage ¹	Enables boot support and management of PCI Express*-based NVMe* SSDs with Intel® Rapid Storage Technology.
Intel® Optane™ Memory Support ²	Provides performance improvements as well as fast app response times for system acceleration and responsiveness when paired with an Intel Optane memory module.
Intel® Wireless-AC Support	Integrated Intel wireless 802.11ac and Bluetooth* 5 solution allowing you to connect up to Gigabit Wi-Fi speeds ³ with Intel® Wireless-AC 9560.
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 2	Integrated USB 3.1 Gen 2 support provides data transfer performance with a design data rate of up to 10 Gb/s.
USB 3.1 Gen 1	Integrated USB 3.1 Gen 1 support provides data transfer 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 12 PCI Express 3.0 lanes, configurable as x1, x2, and x4 depending on desktop motherboard designs.
9th and 8th Generation Intel® Core™ processor PCI Express 3.0 Interface	Intel® B360 chipset-based platforms enable the processor PCI Express 3.0 lanes to be configurable as 1x16
Intel® Integrated 10/100/1000 MAC	Support for the Intel® Ethernet Connection I219-LM and I219-V.

INTEL® B360 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 Intel® Optane memory requires specific hardware and software configuration. Visit www.intel.com/OptaneMemory for configuration requirements.

³ Gigabit WiFi speeds based on IEEE theoretical maximum bandwidth enabled by 2x2 802.11ac 160MHz (1.733Mbps) and requires the use of similarly configured router.

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