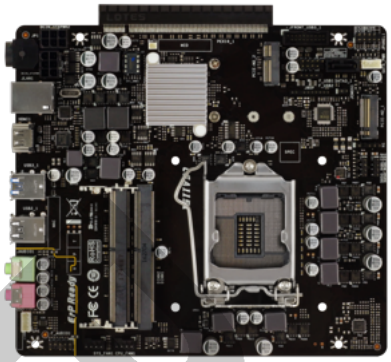
B360TH Motherboard



- Supports 9th & 8th Generation Intel® Core™ Processor
- Intel B360 single chip architecture
- Support 2-SO-DIMM DDR4-1866/2133/2400/2666 up to 32G maximum capacity
- Support USB 3.1
- Support HDMI® display port
- Support M.2(32Gb/s)(Intel® Optane™ Technology Ready)

Specifcation

CPU SUPPORT	9th Gen Intel® Core™ i9 LGA 1151 Processor 9th Gen Intel® Core™ i7 LGA 1151 Processor 9th Gen Intel® Core™ i5 LGA 1151 Processor 9th Gen Intel® Core™ i3 LGA 1151 Processor 8th Gen Intel® Core™ i7 LGA 1151 Processor 8th Gen Intel® Core™ i5 LGA 1151 Processor 8th Gen Intel® Core™ i3 LGA 1151 Processor 8th Gen Intel® Pentium® LGA 1151 Processor 8th Gen Intel® Celeron® LGA 1151 Processor Maximum CPU TDP (Thermal Design Power) : 95Watt
MEMORY	Support Dual Channel DDR4 1866/2133/2400/2666 MHz 2 x DDR4 SO-DIMM Memory Slot Max. Supports up to 32GB Memory Each DIMM supports non-ECC 4/8/16GB DDR4 module
STORAGE	1 x SATA III Connector 1 x M.2 (M Key) 32Gb/s Connector (PCI-E3.0): Supports PCI-E SSD & Intel® Optane Technology
LAN	Intel i219V - Gigabit Ethernet PHY
AUDIO CODEC	Realtek ALC1150 + ALC105 5.1 Channels, High Definition Audio-Channel Audio
USB	4 x USB 3.1 Gen1 Ports (2 on rear I/Os and 2 via internal header) 5 x USB 2.0 Ports (2 on rear I/Os and 3 via internal header)
EXPANSION SLOT	1 x PCI-E 3.0 x16 Slot 1 x PCI-E M.2 Key E Slot(PCI-E3.0 + USB2.0): Supports Wi-Fi / Bluetooth Card / Intel CNVi Jefferson Peak
REAR I/O	2 x USB 3.1 Gen1 Ports 2 x USB 2.0 Ports 1 x HDMI® Connector, resoltuion up to 4096 x 2160@24Hz, compliant with HDMI® 1.4 1 x LAN Port 2 x Audio Jacks

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BIOSTAR Group International Corp.

INTERNAL I/O	1 x USB 3.1 Gen1 Header (each header supports 2 USB 3.1(Gen1) ports) 1 x USB 2.0 Header :2*5 Pin (each header supports 2 USB 2.0 ports) 1 x USB 2.0 Header :1*5 Pin (each header supports 1 USB 2.0 ports) 1 x SATA III Connector (6Gb/s) 1 x SATA Power Connector 1 x Front Audio Header 1 x Front Panel Header 1 x CPU Fan Connector 1 x System Fan Connector 2 x 5050 LED Header 2 x 6-Pin Power Connector(DC-IN 12V) 1 x Clear CMOS Header 1 x LCD Panel Power Header 1 x Speaker Header
DIMENSION	Thin Mini ITX Form Factor Dimension: 17.0cm x 19.305cm (W x L)
OS SUPPORT	Supports Windows 10(64bit) / 11(64bit) ※Biostar reserves the right to add or remove support for any OS with or without notice.

OVERVIEW

Intel B360 chipset

Give your small business a boost with the Intel® B360 Chipset and the 8th Generation Intel® Core™ processor. The Intel B360 chipset provides you with the power and performance you need for your small business, entertainment and digital life.

HD Audio

Provides high quality sound with minimal loss of audio fidelity.

DX12

DirectX 12 introduces the next version of Direct3D, the graphics API at the heart of DirectX. Direct3D is one of the most critical pieces of a game or game engine, and we've redesigned it to be faster and more efficient than ever before. Direct3D 12 enables richer scenes, more objects, and full utilization of modern GPU hardware.

Integrated HDMI® with HDCP

Onboard HDMI® connector allows full video & audio support. It has industry-leading high definition video quality.

Intel GbE LAN

Unlike ordinary LAN solution, Intel® GbE LAN offers fewer CPU resource consumption and more bandwidth stability. Thus, Intel® LAN is the best choice for performance seekers.

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USB 3.1 Gen 1 Type-A

Experience Fastest data transfers at 5 Gbps with USB 3.1 Gen 1--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.1 Gen 1 transfers data 10X faster and backward compatible with previous USB 2.0 components.

PCIe M.2 32Gb/s

PCI-e M.2 32Gb/s delivers the highest bandwidth and lower latency. It is 3 times faster compared with PCI-e M.2 10Gb/s.

Dual DDR4

The primary advantages of DDR4 over DDR3, include higher module density, lower voltage requirements, coupled with higher data transfer rate.

BullGuard Internet Security (90 days FREE trial)

BullGuard Internet Security comes with the broadest line-up of internet security features on the market, including: a cutting-edge dual Antivirus engine, Online Backup for your precious files, PC Tune Up to speed up your system, a Game Mode for a seamless gaming experience, Parental Control, Firewall, Safe Browsing and many more. Make the most of your digital life with Bullguard!

BIO-Flasher

BIO-Flasher is a convenient BIOS update tool. Just launch this tool and put the BIOS on USB pen driver before entering the OS. You can update your BIOS with only a few clicks without preparing an additional floppy disk or other complicated flash utility.

eHot-Line Utiltiy

Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay.

BIOScreen Utility

Personalize your desktop with customizable boot logo. BIOScreen is the new feature that lets you personalize and create your own style with unique, custom-made boot logo.

HDMI®

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*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!

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