MSI®

M O T H E R B O A R D S

MAG B760M MORTAR II
UNITE AS ONE

intel.
CHIPSET B760

SPECIFICATIONS

Model Name	MAG B760M MORTAR II
CPU Support	Support Intel® Core™ 14th/ 13th/ 12th Gen Processors, Intel® Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® B760 Chipset
Expansion Slots	1x PCIe 5.0 x16 slot, 1x PCIe 3.0 x4 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-7800+MHz(OC)
Storage	3x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gb/s ports
USB ports	1x USB 3.2 Gen2x2 20Gps(Type-C) 1x USB 3.2 Gen2 10Gps(Type-C) 3x USB 3.2 Gen2 10Gps (Type-A) 2x USB 3.2 Gen1 5 Gps (Type-A) 8 x USB 2.0
LAN	Realtek® RTL8125BG 2.5Gbps LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.

Lightning Gen 5

The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.

M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.

PCI-E Steel Armor

Protecting VGA cards against bending and EMI.

Frozr AI Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.

Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.

2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.

6 Layer PCB with 2oz Thickened Copper

An Enhanced PCB design provides higher performance and long-lasting system stability without any compromise.
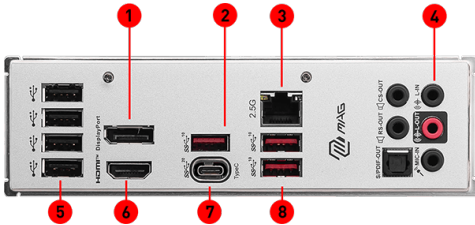
Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.

Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.

CONNECTIONS

1. Display Port
2. USB 3.2 Gen 2 10Gbps (Type-A)
3. 2.5G LAN
4. Audio Connectors
5. USB 2.0 (Type-A)
6. HDMI™
7. USB 3.2 Gen 2x2 20Gbps (Type-C)
8. USB 3.2 Gen 2 10Gbps (Type-A)