

MOTHERBOARDS

MAG B760M MORTAR II UNITE AS ONE







# **SPECIFICATIONS**

Model Name	MAG B760M MORTAR II
CPU Support	Support Intel <sup>®</sup> Core <sup>™</sup> 14th/ 13th/ 12th Gen Processors, Intel <sup>®</sup> Pentium <sup>®</sup> Gold and Celeron <sup>®</sup> Processors
CPU Socket	LGA 1700
Chipset	Intel <sup>®</sup> B760 Chipset
Expansion Slots	1x PCle 5.0 x16 slot, 1x PCle 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 <sup>®</sup> RTL8125BG 2.5Gbps LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

# FEATURES



#### Latest DDR5 Memory



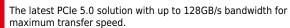
# A huge step of DDR performance enhancement with the latest



GENS

DDR5 memory and MSI Memory Boost technology.

## **Lightning Gen 5**





### 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**

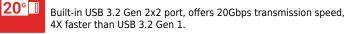
Protecting VGA cards against bending and EMI.



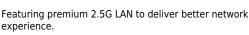
## **Frozr AI Cooling**

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

### Lightning USB 20G



## 2.5G Network Solution



### 6 Layer PCB with 2oz Thickened Copper



An Enhanced PCB design provides higher performance and longlasting system stability without any compromise.

### Core Boost

With premium layout and fully digital power design to support 80051 more cores and provide better performance.

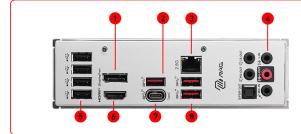
### Audio Boost

AUDIC 80051

CORE

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

# **CONNECTIONS**



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