

# MAG B760M MORTAR MAX WIFI

UNITE AS ONE









# **SPECIFICATIONS**

Model Name	MAG B760M MORTAR MAX WIFI
CPU Support	Supports 12th/ 13th Gen Intel® Core™ Processors, Pentium®
	Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® B760 Chipset
<b>Expansion Slots</b>	1x PCle 5.0 x16 slot, 1x PCle 4.0 x16 slot, 1x PCle 3.0 x1 slot
Display Interface	Support 4K@60Hz as specified in HDMI 2.1, DisplayPort 1.4 -
	Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-7000+ (OC)
Storage	2x M.2 Gen4 x4 64Gbps slots, 6x SATA 6Gb/s ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C)
	4x USB 3.2 Gen 2 10Gbps (Type-A + Type-C)
	2x USB 3.2 Gen 1 5Gbps (Type-A)
	8x USB 2.0
LAN	Realtek® RTL8125BG 2.5Gbps LAN
Wireless /	Intel <sup>®</sup> Wi-Fi 6E, Bluetooth 5.3
Bluetooth	
Audio	8-Channel (7.1) HD Audio with Audio Boost

#### **FEATURES**



#### Lightning Gen 5

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



#### **OC Engine**

With the clock generator, the OC Engine technology releases the maximum power of CPU.



# **Latest DDR5 Memory**

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



The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



#### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



#### **Lightning USB 20G**

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



### M.2 Shield FROZR

M.2 thermal accessory keeps M.2 SSDs safe while preventing throttling, making them run faster.



#### **Memory Boost**

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



# **Core Boost**

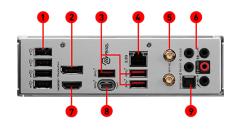
With premium layout and fully digital power design to support more cores and provide better performance.



# 6 Layer PCB with 2oz Thickened Copper

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

# **CONNECTIONS**



- 1. USB 2.0 Port
- 3. USB 3.2 Gen 2 10Gbps Type-A
- 5. Wi-Fi / Bluetooth Antenna
- 7. HDMI™ 2.1 Port
- 9. Optical S/PDIF OUT
- 2. DisplayPort 1.4
- 4. 2.5G LAN Port
- 6. HD Audio Connectors
- 8. USB 3.2 Gen 2x2 20Gbps Type-C