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

# MAG B760M MORTAR MAX WIFI DDR4

UNITE AS ONE

intel.
CHIPSET
B760

## 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.

**6 Layer PCB with 2oz Thickened Copper**

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

**Wi-Fi 6E**

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.

**Audio Boost**

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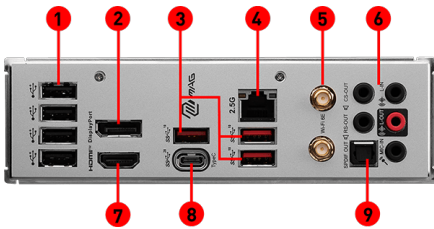
## SPECIFICATIONS

| | |
|---|---|
| **Model Name** | MAG B760M MORTAR MAX WIFI DDR4 |
| **CPU Support** | Supports 12th/ 13th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors |
| **CPU Socket** | LGA 1700 |
| **Chipset** | Intel® B760 Chipset |
| **Expansion Slots** | 1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x16 slot, 1x PCIe 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 DDR4 5333+MHz (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 / Bluetooth** | Intel® Wi-Fi 6E, Bluetooth 5.3 |
| **Audio** | 8-Channel (7.1) HD Audio with Audio Boost |

## CONNECTIONS



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