MOTHERBOARD

# MAG B660M MORTAR

CONQUER THE BATTLEFIELD

Copper PCB 2oz




## SPECIFICATIONS

| | |
|---|---|
| **Model Name** | MAG B660M MORTAR |
| **CPU Support** | Supports 12th/ 13th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors |
| **CPU Socket** | LGA 1700 |
| **Chipset** | Intel® B660 Chipset |
| **Graphics Interface** | 1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x16 slot<br>Supports AMD CrossFire™ Technology |
| **Display Interface** | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4<br>– Requires Processor Graphics |
| **Memory Support** | 4 DIMMs, Dual Channel DDR5-6200+ (OC) |
| **Expansion Slots** | 1x PCIe 3.0 x1 slot |
| **Storage** | 2x M.2 Gen4 x4 64Gbps slots,<br>Support Intel® Optane™ Technology,<br>6x SATA 6Gbps ports |
| **USB ports** | 1x USB 3.2 Gen 2x2 20Gbps (Type-C),<br>4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C),<br>2x USB 3.2 Gen 1 5Gbps (Type-A),<br>8x USB 2.0 |
| **LAN** | 1x Realtek® RTL8125BG 2.5Gbps LAN |
| **Audio** | 8-Channel (7.1) HD Audio |

## FEATURES

**Optimum Thermal Solution**

Wavy Fin Design, Direct Touch Cross Heat-pipe, MOSFET Baseplate, double-sided M.2 Shield Frozr, and Frozr AI software ensure the extreme performance with low temp.

**Extended Heatsink Design**

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.

**Latest DDR5 Memory**

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

**Lightning Gen4 Solution**

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.

**M.2 Shield FROZR**

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

**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.

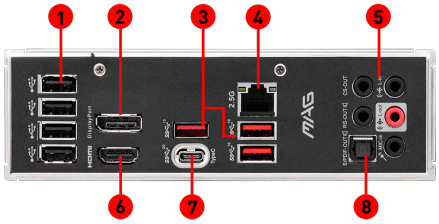
**Frozr AI Cooling**

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

**Core Boost**

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

## 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. HD Audio Connectors
6. HDMI™ 2.1 Port
7. USB 3.2 Gen 2x2 20Gbps Type-C
8. Optical S/PDIF OUT

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