



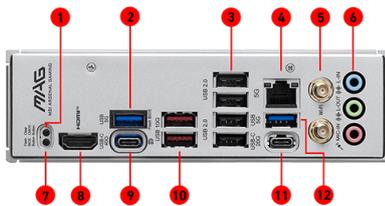
## SPECIFICATIONS

<b>Model Name</b>	MAG X870E GAMING MAX WIFI
<b>CPU Support</b>	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
<b>Chipset Socket</b>	AMD Socket AM5
<b>Chipset</b>	AMD X870E Chipset
<b>Expansion slot</b>	1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x4 slot, 1x PCIe 3.0 x1 slot
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1 TMDS, 1x USB4 port support USB Type-C display outputs - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5-8200+ MT/s (OC)
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot 2x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gbps ports
<b>USB Ports</b>	1x USB 40Gbps (1 Type-C) 1x USB 20Gbps (1 Type-C) 3x USB 10Gbps (2 Type-A + 1 Type-C) 6x USB 5Gbps (6 Type-A) 10x USB 2.0
<b>LAN</b>	Realtek® 5G LAN
<b>Wireless / BT</b>	Wi-Fi 7 Solution, Bluetooth 5.4
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## FEATURES

- 
**64MB BIOS**  
 A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.
- 
**OC Engine**  
 With the clock generator, the OC Engine technology releases the maximum power of CPU.
- 
**EZ PCIe Release**  
 A simple press of a button to effortlessly lock or unlock the PCIe slot, simplifying the installation and removal of the graphics card.
- 
**EZ M.2 Shield Frozr II**  
 The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier.
- 
**Lightning Gen 5**  
 The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.
- 
**Triple M.2 Connectors**  
 Onboard 3x M.2 connectors with one PCIe 5.0 solution, strengthened by M.2 Shield Frozr.
- 
**Extended Heatsink Design**  
 MSI extended PWM 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.
- 
**5G Network Solution**  
 Featuring premium 5G LAN to deliver better network experience.
- 
**Wi-Fi 7**  
 The latest wireless solution with a new 160MHz channel, achieving a maximum transmission speed of 2.9Gbps.
- 
**Audio Boost**  
 Reward your ears with studio grade sound quality for the most immersive audio experience.

## CONNECTIONS



- |                         |                         |
|-------------------------|-------------------------|
| 1. Clear CMOS Button    | 2. USB 5Gbps (Type-A)   |
| 3. USB 2.0              | 4. 5G LAN               |
| 5. Wi-Fi / Bluetooth    | 6. Audio Connectors     |
| 7. Flash BIOS Button    | 8. HDMI™                |
| 9. USB 40Gbps (Type-C)  | 10. USB 10Gbps (Type-A) |
| 11. USB 20Gbps (Type-C) | 12. USB 5Gbps (Type-A)  |