



## SPECIFICATIONS

<b>Model Name</b>	MAG Z790 TOMAHAWK MAX WIFI
<b>CPU Support</b>	Support Intel® Core™ 14th/ 13th/ 12th Gen Processors, Intel® Pentium® Gold and Celeron® Processors
<b>CPU Socket</b>	LGA 1700
<b>Chipset</b>	Intel® Z790 Chipset
<b>Expansion Slots</b>	1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x1 slot
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5-7800+MHz(OC)
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot, 3x M.2 Gen 4 x4 64Gbps slots, 8x SATA 6Gbps ports
<b>USB ports</b>	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 6x USB 3.2 Gen 2 10Gbps (2 Type-C + 4 Type-A), 6x USB 3.2 Gen 1 5Gbps (6 Type-A), 4x USB 2.0
<b>LAN</b>	Intel® 2.5Gbps LAN
<b>Wireless / Bluetooth</b>	Wi-Fi 7 Solution, Bluetooth 5.4
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 5

## FEATURES



### Wi-Fi 7

The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### Screwless M.2 Shield Frozr

The patent-pending design provides the easiest way of M.2 installation. Install or uninstall your M.2 and Shield Frozr without tools and screws.



### Lightning Gen 5

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



### Quadruple M.2 Connectors

Onboard quadruple M.2 connectors for the maximum storage performance.



### Extended Heatsink Design

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



### M.2 Shield FROZR

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



### Core Boost

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



### Latest DDR5 Memory

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



### 2.5G Network Solution

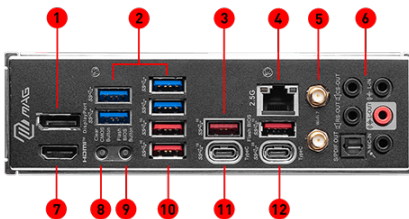
Featuring premium 2.5G LAN to deliver better network experience.



### Audio Boost 5

Isolated audio with a high quality audio processor for the most immersive gaming experience

## CONNECTIONS



- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| 1. DisplayPort                    | 2. USB 3.2 Gen 1 5Gbps (Type-A)     |
| 3. USB 3.2 Gen 2 10Gbps (Type-A)  | 4. 2.5G LAN                         |
| 5. Wi-Fi / Bluetooth              | 6. Audio Connectors                 |
| 7. HDMI™                          | 8. Clear CMOS Button                |
| 9. Flash BIOS Button              | 10. USB 3.2 Gen 2 10Gbps (Type-A)   |
| 11. USB 3.2 Gen 2 10Gbps (Type-C) | 12. USB 3.2 Gen 2x2 20Gbps (Type-C) |