



## SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| <b>Model Name</b>           | MAG B660 TOMAHAWK WIFI  |
| <b>CPU Support</b>          | Supports 12 <sup>th</sup> Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors  |
| <b>CPU Socket</b>           | LGA 1700  |
| <b>Chipset</b>              | Intel® B660 Chipset   |
| <b>Graphics Interface</b>   | 1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x16 slot<br>Supports AMD® CrossFire™ Technology   |
| <b>Display Interface</b>    | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4<br>- Requires Processor Graphics   |
| <b>Memory Support</b>       | 4 DIMMs, Dual Channel DDR5-6200+ (OC)   |
| <b>Expansion Slots</b>      | 1x PCIe 3.0 x1 slot   |
| <b>Storage</b>              | 2x M.2 Gen4 x4 64Gbps slots, 1x M.2 Gen4 x2 32Gbps slot,<br>Support Intel® Optane™ Technology,<br>6x SATA 6Gb/s ports                   |
| <b>USB ports</b>            | 1x USB 3.2 Gen 2x2 20Gbps (Type-C),<br>5x USB 3.2 Gen 2 10Gbps (4 Type-A + 1 Type-C),<br>2x USB 3.2 Gen 1 5Gbps (Type-A),<br>8x USB 2.0 |
| <b>LAN</b>                  | 1x Realtek® 8125BG 2.5Gbps LAN  |
| <b>Wireless / Bluetooth</b> | Intel® Wi-Fi 6E module, Bluetooth 5.2   |
| <b>Audio</b>                | 8-Channel (7.1) HD Audio  |

## FEATURES



### 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.



### 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

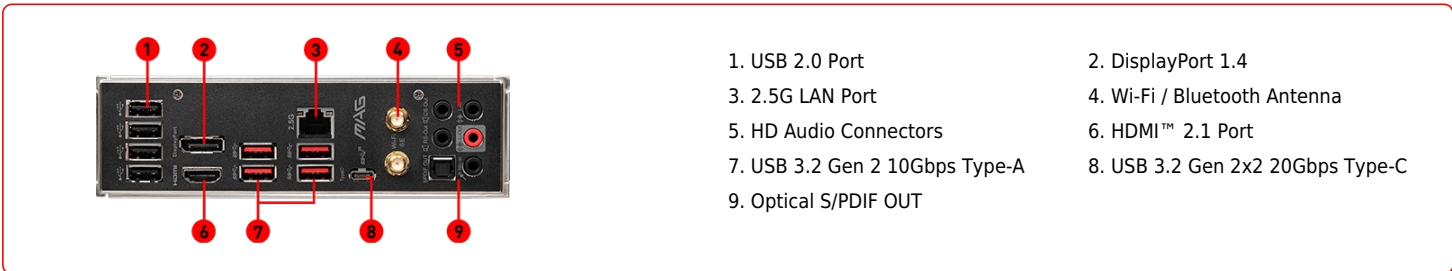
Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



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