



## SPECIFICATIONS

<b>Model Name</b>	MPG B650I EDGE WIFI
<b>CPU Support</b>	Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors
<b>CPU Socket</b>	Socket AM5
<b>Chipset</b>	AMD B650 Chipset
<b>Expansion Slot</b>	1x PCIe 4.0 x16 slot
<b>Display Interface</b>	Support 4K@120Hz as specified in HDMI™ 2.1 - Requires Processor Graphics
<b>Memory Support</b>	2 DIMMs, Dual Channel DDR5-7200+MHz (OC)
<b>Storage</b>	2x M.2 PCIe 4.0 x4 slots 4x SATA 6Gb/s ports
<b>USB ports</b>	1x USB 3.2 Gen 2x2 20G (1 Type-C) 4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C) 4x USB 3.2 Gen 1 5Gbps (4 Type-A) 2x USB 2.0 (2 Type-A)
<b>LAN</b>	Realtek® RTL8125BG 2.5Gbps LAN
<b>Wireless / Bluetooth</b>	AMD Wi-Fi 6E, Bluetooth 5.2
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 5

## FEATURES



### Extended Heatsink Design

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



### Lightning Gen4 Solution

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



### Memory Boost

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



### Core Boost

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



### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



### Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



### M.2 SHIELD FROZR

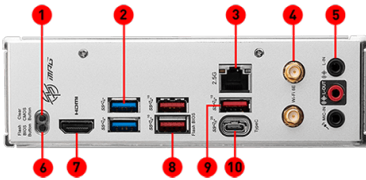
Onboard M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.



### 2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.

## CONNECTIONS



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