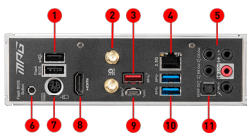




## SPECIFICATION

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Model Name</b>           | MPG B550I GAMING EDGE WIFI                                                                                  |
| <b>CPU Support</b>          | Supports AM4 socket 3rd Gen AMD Ryzen™ Processors, and future AMD Ryzen™ processors with BIOS update        |
| <b>CPU Socket</b>           | AMD Socket AM4                                                                                              |
| <b>Chipset</b>              | AMD B550 Chipset                                                                                            |
| <b>Graphics Interface</b>   | 1x PCI-E 4.0 / 3.0 x16 slot                                                                                 |
| <b>Display Interface</b>    | HDMI 2.1 – Requires Processor Graphics                                                                      |
| <b>Memory Support</b>       | 2 DIMMs, Dual Channel DDR4-4600(OC)                                                                         |
| <b>Storage</b>              | 1x M.2 Gen4 x4 + 1x M.2 Gen3 x4 slot<br>4x SATA 6Gb/s ports                                                 |
| <b>USB ports</b>            | 2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C)<br>5x USB 3.2 Gen 1 5Gbps (4 Type-A + 1 Type-C)<br>4x USB 2.0 |
| <b>LAN</b>                  | Realtek® 8125B 2.5G LAN                                                                                     |
| <b>Wireless / Bluetooth</b> | Intel® Wi-Fi 6 AX200, Bluetooth 5.1                                                                         |
| <b>Audio</b>                | 8-Channel (7.1) HD Audio with Audio Boost                                                                   |

## CONNECTIONS



1. USB 2.0
2. Wi-Fi / Bluetooth
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. 2.5G LAN
5. HD Audio Connectors
6. Flash BIOS Button
7. PS/2 Combo Port
8. HDMI 2.1
9. USB 3.2 Gen 2 10Gbps (Type-C)
10. USB 3.2 Gen 1 5Gbps (Type-A)
11. Optical S/PDIF OUT

## FEATURE



### Extended Heatsink Design

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



### Digital Power Design

8+2+1 aggressive VRM design with Dr.MOS 60A to maximize performance



### 2.5G LAN

Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.



### WiFi 6

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



### Lightning Gen4 solution

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



### Flash BIOS Button

Simply use a USB key to flash any BIOS within seconds, without installing a CPU, memory or graphics card.



### Front Type-C USB 3.2 Gen 1 5Gbps

Compatible with the latest PC chassis and perfect for external drives and other mobile devices.



### M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.