



## SPECIFICATIONS

<b>Model Name</b>	MPG B550 GAMING CARBON WIFI
<b>CPU Support</b>	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</b>	1x PCI-E 4.0/3.0 x16 slot + 1x PCI-E 3.0 x16 slot
<b>Interface</b>	Support 2-way AMD CrossFire™ Technology
<b>Display Interface</b>	DisplayPort, HDMI™ - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4-4866(OC)
<b>Expansion Slots</b>	3x PCI-E 3.0 x1 slots
<b>Storage</b>	1x M.2 Gen4 x4 + 1x M.2 Gen3 x4 slot 6x SATA 6Gb/s ports
<b>USB Ports</b>	2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C) 5x USB 3.2 Gen 1 5Gbps (4 Type-A + 1 Type-C) 8x USB 2.0
<b>LAN</b>	Realtek® RTL8125B 2.5G LAN
<b>Wireless / BT</b>	Intel® Wi-Fi 6 AX200, Bluetooth 5.1
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost

## FEATURES



### WiFi 6

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



### Aluminum Cover

Fully aluminum IO cover provide the maximum surface of heat dissipation, ready for breaking the world record!



### Flash BIOS Button

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



### Pre-installed I/O Shielding

Better EMI protection and more convenience for installation



### EZ LED Control

One button to control LED on/off easily



### M.2 SHIELD FROZR

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



### 8+4 Pin power supply

By providing 8+4 pin connectors to ensure adequate power supply to unleash ultimate multi-core CPU performance.



### Lightning Gen4 Solution

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



### Outstanding Cooling Solution

Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and Aluminum Backplate ensure the extreme performance with low temp.



### Mystic Light RGB LED

Personalize your PC with 16.8 million colors / 29 effects, controlled in one click!



### 2.5G LAN

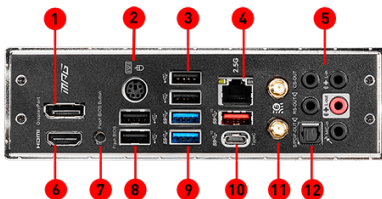
Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.



### 2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.

## CONNECTIONS



- |                                 |                                     |
|---------------------------------|-------------------------------------|
| 1. DisplayPort                  | 2. PS/2 Combo Port                  |
| 3. USB 2.0                      | 4. 2.5G LAN                         |
| 5. HD Audio Connectors          | 6. HDMI™                            |
| 7. Flash BIOS Button            | 8. USB 2.0                          |
| 9. USB 3.2 Gen 1 5Gbps (Type-A) | 10. USB 3.2 Gen 2 10Gbps (Type-A+C) |
| 11. Wi-Fi / Bluetooth           | 12. Optical S/PDIF OUT              |