



# msi

MOTHERBOARD

## MPG Z490 GAMING CARBON WIFI

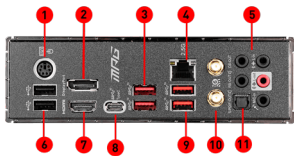
GAME IN STYLE



## SPECIFICATION

<b>Model Name</b>	MPG Z490 GAMING CARBON WIFI
<b>CPU Support</b>	Supports 10 <sup>th</sup> Gen Intel® Core™ and Pentium® Gold / Celeron® processors
<b>CPU Socket</b>	LGA 1200
<b>Chipset</b>	Intel® Z490 Chipset
<b>Graphics Interface</b>	3x PCI-E 3.0 x16 slots Support 2-Way NVIDIA® SLI™ / 3-Way AMD® CrossFire™ Technology
<b>Display Interface</b>	DisplayPort, HDMI - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4-4800(OC)
<b>Expansion Slots</b>	2x PCIe 3.0 x1 slots
<b>Storage</b>	2x M.2 slots, support Intel® Optane™ Technology 6x SATA 6Gb/s
<b>USB ports</b>	1 x USB 3.2 Gen 2x2 20Gbps (Type-C) + 5 x USB 3.2 Gen 2 10Gbps (1 Type-C + 4 Type-A) + 2 x USB 3.2 Gen 1 5Gbps (Type-A) + 6 x USB 2.0
<b>LAN</b>	Realtek® 8125B 2.5G LAN
<b>Wi-Fi / BT</b>	Intel® Wi-Fi 6 AX201, Bluetooth 5.1
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost 4
<b>Form Factor</b>	ATX

## CONNECTIONS



1. PS/2 Combo Port
2. DisplayPort
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. 2.5G LAN
5. HD Audio Connectors
6. USB 2.0
7. HDMI
8. USB 3.2 Gen 2x2 20Gbps (Type-C)
9. USB 3.2 Gen 2 10Gbps (Type-A)
10. Wi-Fi 6
11. Optical S/PDIF OUT

## FEATURE



### Mystic Light RGB LED

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



### Lightning USB 20G

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



### 2.5G Network Solution

Featuring premium 2.5G LAN with LAN manager delivers better network experience.



### WIFI 6

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



### Audio Boost 4

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



### Core Boost

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



### DDR4 Boost

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



### M.2 SHIELD FROZE

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