



# msi

MOTHERBOARDS

## MPG Z390 GAMING PRO CARBON

GAME IN STYLE



## SPECIFICATIONS

<b>Model Name</b>	MPG Z390 GAMING PRO CARBON
<b>CPU Support</b>	Supports 9 <sup>th</sup> / 8 <sup>th</sup> Gen Intel® Core™ / Pentium® Gold / Celeron® processors
<b>CPU Socket</b>	LGA 1151
<b>Chipset</b>	Intel® Z390 Chipset
<b>Graphics Interface</b>	3 x PCI-E 3.0 x16 slots Supports 2-way SLI / 3-way CrossFire
<b>Display Interface</b>	DisplayPort, HDMI - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4-4400(OC)
<b>Expansion Slots</b>	3 x PCI-E x1 slots
<b>Storage</b>	2 x M.2 slots, support Intel® Optane™ Technology 6 x SATA 6Gb/s
<b>USB Ports</b>	5 x USB 3.1 (Gen2, A+C) + 4 x USB 3.1 (Gen1) + 6 x USB 2.0
<b>LAN</b>	Intel® I219-V Gigabit LAN
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 4
<b>Form Factor</b>	ATX

## FEATURES



### Core Boost

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



### Pre-installed I/O Shielding

Better EMI protection and more convenience for installation



### Twin Turbo M.2

With 2 x M.2 slots. Running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs.



### M.2 Shield FROZR

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



### Intel Turbo USB 3.1 Gen2

Powered by Intel, ensure an uninterrupted connection with more stability and fastest USB speeds.



### DDR4 Boost

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



### Audio Boost 4

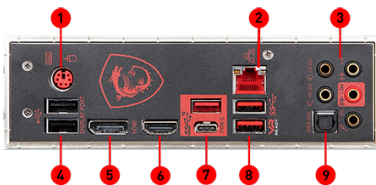
Isolated audio with a high quality audio processor for the most immersive gaming experience.



### Mystic Light RGB LED

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

## CONNECTIONS



- |                            |                        |
|----------------------------|------------------------|
| 1. PS/2 Combo Port         | 2. LAN                 |
| 3. HD Audio Connectors     | 4. USB 2.0             |
| 5. DisplayPort             | 6. HDMI                |
| 7. USB 3.1 Gen2 Type-A + C | 8. USB 3.1 Gen2 Type-A |
| 9. Optical S/PDIF out      |                        |