



## SPECIFICATIONS

<b>Model Name</b>	MPG Z490 GAMING PLUS
<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>	Support 2-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>	3x PCIe 3.0 x1 slots
<b>Storage</b>	2x M.2 slots, support Intel® Optane™ Technology 6x SATA 6Gb/s
<b>USB ports</b>	2x USB 3.2 Gen 2 10Gbps (1 Type-C + 1 Type-A) + 7x USB 3.2 Gen 1 5Gbps (1 Type-C + 6 Type-A) + 6x USB 2.0
<b>LAN</b>	Realtek® 8125B 2.5G LAN
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost
<b>Form Factor</b>	ATX

## FEATURES



### M.2 SHIELD FROZR

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



### Twin Turbo M.2

With 2 x M.2 slots. Running at PCI-E Gen4 x4 maximizes performance for NVMe based SSDs.



### Pre-installed I/O Shielding

Better EMI protection and more convenience for installation



### EZ LED Control

One button to control LED on/off easily



### 8+4 Pin power supply

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



### Core Boost

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



### 2.5G LAN

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



### Extended Heatsink Design

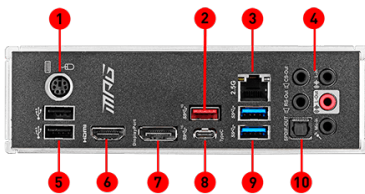
MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



### DDR4 Boost

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

## CONNECTIONS



- |                                 |                                  |
|---------------------------------|----------------------------------|
| 1. PS/2 Combo Port              | 2. USB 3.2 Gen 2 10Gbps (Type-A) |
| 3. LAN Port                     | 4. HD Audio Connectors           |
| 5. USB 2.0 Ports                | 6. HDMI™ Port                    |
| 7. DisplayPort                  | 8. USB 3.2 Gen 2 10Gbps (Type-C) |
| 9. USB 3.2 Gen 1 5Gbps (Type-A) | 10. Optical S/PDIF OUT           |