MOTHERBOARD

MPG Z490 GAMING PLUS

GAME IN STYLE



SPECIFICATIONS

Model Name	MPG Z490 GAMING PLUS
CPU Support	Supports 10th Gen Intel® Core™ and Pentium® Gold / Celeron® processors
CPU Socket	LGA 1200
Chipset	Intel® Z490 Chipset
Graphics Interface	2x PCI-E 3.0 x16 slots Support 2-way AMD® CrossFire™ Technology
Display Interface	DisplayPort, HDMI™ - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4800(OC)
Expansion Slots	3x PCIe 3.0 x1 slots
Storage	2x M.2 slots, support Intel® Optane™ Technology 6x SATA 6Gb/s
USB ports	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
LAN	Realtek® 8125B 2.5G LAN
Audio	8-Channel(7.1) HD Audio with Audio Boost
Form Factor	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.

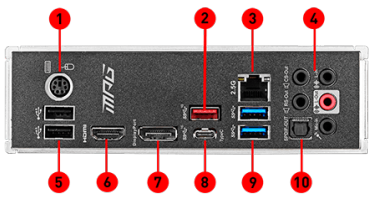
Extended Heatsink Design

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

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