



SPECIFICATIONS

Model Name	MPG Z390 GAMING PLUS
CPU Support	Supports 9 th / 8 th Gen Intel® Core™ / Pentium® Gold / Celeron® processors
CPU Socket	LGA 1151
Chipset	Intel® Z390 Chipset
Graphics Interface	2 x PCI-E 3.0 x16 slots Supports 2-way CrossFire
Display Interface	HDMI™, DVI - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4400(OC)
Expansion Slots	4 x PCI-E x1 slot 1 x M.2 for Intel® CNVi Wi-Fi module
Storage	2 x M.2 slots, support Intel® Optane™ Technology 6 x SATA 6Gb/s
USB Ports	2 x USB 3.1 (Gen2, A+C) + 6 x USB 3.1 (Gen1) + 6 x USB 2.0
LAN	Intel® I219-V Gigabit LAN
Audio	7.1 Channel High Definition Audio with Audio Boost
Form Factor	ATX

FEATURES



Twin Turbo M.2

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



Intel Turbo USB 3.1 Gen2

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



PCI-E Steel Armor

Protecting VGA cards against bending and EMI



Intel® CNVi Ready

Supports Intel® CNVi Wi-Fi, IEEE 802.11 AC wave2.



Core Boost

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



Extended Heatsink Design

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



Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.



DDR4 Boost

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

CONNECTIONS



- | | |
|----------------------------|-----------------|
| 1. PS/2 Combo Port | 2. LAN |
| 3. HD Audio Connectors | 4. USB 2.0 |
| 5. DVI-D | 6. HDMI™ |
| 7. USB 3.1 Gen2 Type-A + C | 8. USB 3.1 Gen1 |