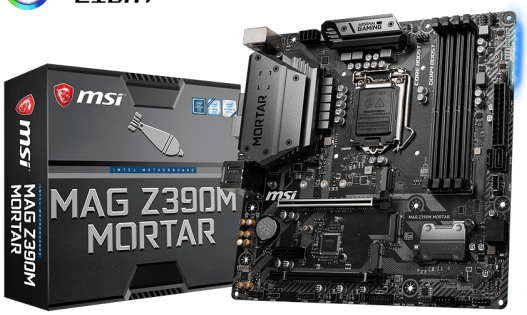
MOTHERBOARD

MAG Z390M MORTAR

BLAST AWAY THE COMPETITION



FEATURES

GAMING LAN

Experience smooth wired gaming experience by reducing CPU overhead and offer long-term network usage.

Intel® CNVi Ready

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

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.

MULTI-GPU

With Steel Armor PCI-E slot. Supports 2-Way AMD Crossfire™.

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.

SPECIFICATIONS

Model Name	MAG Z390M MORTAR
CPU Support	Supports 9th/ 8th 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 AMD® CrossFire™ Technology
Display Interface	DVI-D, HDMI™, DisplayPort – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4400+(OC)
Expansion Slots	1 x PCI-E 3.0 x1 slot, 1 x M.2 supports Intel® CNVi
Storage	2 x M.2 slots, support Intel® Optane™ Technology 4 x SATA 6Gb/s
USB Ports	3 x USB 3.1 (Gen2) + 2 x USB 3.1 (Gen1) + 8 x USB 2.0
LAN	Intel® I219-V Gigabit LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

CONNECTIONS

1. PS/2 Combo Port
2. DisplayPort
3. LAN Port
4. USB 3.1 Gen2 Type A
5. HD Audio Connectors
6. USB 2.0 Ports
7. DVI-D Port
8. HDMI™ Port
9. USB 2.0 Ports
10. USB 3.1 Gen2 Type C
11. Optical S/PDIF OUT

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