PLACAS MADRE

MAG Z590 TORPEDO

CONQUER THE BATTLEFIELD



FEATURES

Extended Heatsink Design

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

M.2 Shield FROZR

M.2 thermal accessory. Keeps M.2 SSDs safe while preventing throttling, making them run faster.

Lightning Gen4 Solution

The latest Gen4 PCI-E solution with up to 64GB/s bandwidth for maximum transfer speed.

Mystic Light

Personalize your PC with 16.8 million colors / 31 effects, controlled in one click!..

2.5G Plus Gigabit LAN

Onboard 2.5G, Gigabits LAN with LAN manager, delivers the better online network experience without lag.

Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.

Core Boost

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

DDR4 Boost

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

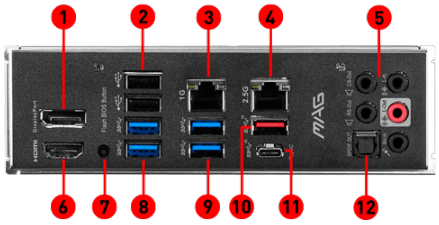
Audio Boost 5

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

SPECIFICATIONS

Model Name	MPG Z590 TORPEDO
CPU Support	Supports 10th Gen Intel® Core™ Processors, 11th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1200
Chipset	Intel® Z590 Chipset
Graphics Interface	1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x16 slot Support 2-way AMD® CrossFire™ Technology
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.0b, DisplayPort 1.4 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-5333 (OC)
Expansion Slots	2x PCIe 3.0 x1 slots
Storage	1x M.2 Gen4 x4 64Gb/s slot, 2x M.2 Gen3 x4 32Gb/s slots, Support Intel® Optane™ Technology, 6x SATA 6Gb/s ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 2x USB 3.2 Gen 2 10Gbps (Type-A + Type-C), 6x USB 3.2 Gen 1 5Gbps (Type-A), 6x USB 2.0
LAN	Intel® I225-V 2.5G LAN 1x Intel® I219-V 1G LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

CONNECTIONS



1. DisplayPort
2. USB 2.0
3. Gigabit LAN Port
4. 2.5G LAN Port
5. HD Audio Connectors
6. HDMI™
7. Flash BIOS Button
8. USB 3.2 Gen 1 5Gbps Type-A
9. USB 3.2 Gen 1 5Gbps Type-A
10. USB 3.2 Gen 2 10Gbps Type-A
11. USB 3.2 Gen 2x2 20Gbps Type-C
12. Optical S/PDIF OUT

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