



FEATURES



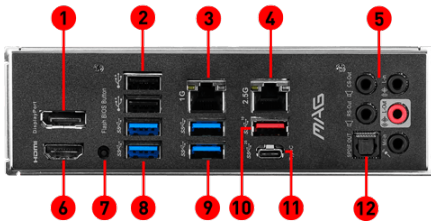
Extended Heatsink Design

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

SPECIFICATIONS

Model Name	MPG Z590 TORPEDO
CPU Support	Supports 10 th 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



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|-----------------------------------|---------------------------------|
| 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 |