



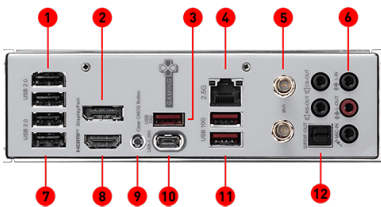
SPECIFICATIONS

Model Name	Z790M GAMING PLUS WIFI
CPU Support	Support Intel® Core™ 14th/ 13th/ 12th Gen Processors, Intel® Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® Z790 Chipset
Expansion Slots	1x PCIe 5.0 x16 slot, 1x PCIe 3.0 x4 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-7800MHz+ (OC)
Storage	3x M.2 Gen 4 x4 64Gbps slots 6x SATA 6Gbps ports
USB Ports	1x USB 20Gbps (1 Type-C), 4x USB 10Gbps (1 Type-C + 3 Type-A), 2x USB 5Gbps (2 Type-A), 8x USB 2.0
LAN	Realtek® RTL8125BG 2.5G LAN
Wireless / BT	Intel® Wi-Fi 6E, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

- Lightning Gen 5**
 The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.
- Extended Heatsink Design**
 MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.
- Latest DDR5 Memory**
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- Lightning USB 20G**
 Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.
- Froze AI Cooling**
 Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.
- Wi-Fi 6E**
 The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- 2.5G LAN**
 Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.
- Audio Boost**
 Reward your ears with studio grade sound quality for the most immersive audio experience.

CONNECTIONS



1. USB 2.0
2. DisplayPort
3. USB 10Gbps (Type-A)
4. 2.5G LAN
5. Wi-Fi / Bluetooth
6. Audio Connectors
7. USB 2.0
8. HDMI™
9. Flash BIOS Button
10. USB 20Gbps (Type -C)
11. USB 10Gbps (Type-A)
12. Optical S/PDIF Out