



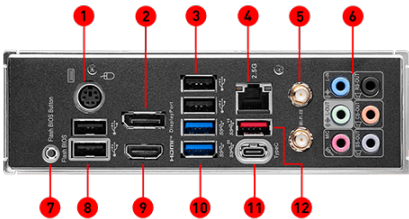
SPECIFICATIONS

Model Name	Z790 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 4.0 x16 slot, 2x PCIe 3.0 x1 slots
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-7200+MHz (OC)
Storage	4x M.2 Gen 4 x4 64Gbps slots 6x SATA 6Gbps ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 2x USB 3.2 Gen 2 10Gbps (Type-C + Type-A), 6x USB 3.2 Gen 1 5Gbps (6 Type-A), 8x USB 2.0
LAN	Intel® 2.5G LAN
Wi-Fi / Bluetooth	Intel® Wi-Fi 6E, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

- Latest DDR5 Memory**
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- 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.
- Quadruple M.2 Connectors**
 Onboard quadruple M.2 connectors for the maximum storage performance with three Lightning Gen 4 solution.
- M.2 Shield FROZR**
 M.2 thermal accessory. Keeps M.2 SSDs safe while preventing throttling, making them run faster.
- Core Boost**
 With premium layout and fully digital power design to support more cores and provide better performance.
- 2.5G Network Solution**
 Featuring premium 2.5G LAN with LAN manager to deliver better network experience.
- Wi-Fi 6E**
 The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- Audio Boost**
 Reward your ears with studio grade sound quality for the most immersive audio experience.

CONNECTIONS



- | | |
|-------------------------------------|-----------------------------------|
| 1. Keyboard / Mouse | 2. DisplayPort |
| 3. USB 2.0 (Type-A) | 4. 2.5G LAN |
| 5. Wi-Fi / Bluetooth | 6. Audio Connectors |
| 7. Flash BIOS Button | 8. USB 2.0 (Type-A) |
| 9. HDMI™ | 10. USB 3.2 Gen 1 5Gbps (Type-A) |
| 11. USB 3.2 Gen 2x2 20Gbps (Type-C) | 12. USB 3.2 Gen 2 10Gbps (Type-A) |