













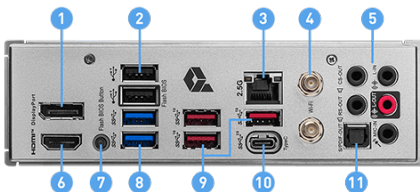
SPECIFICATIONS

Model Name	PRO Z790-A WIFI II
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	1 x PCIe 5.0 x16 slot 1 x PCIe 4.0 x4 slot 2 x 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 - 7800+ MT/s (OC)
Storage	4 x M.2 Gen4 x4 64Gbps slots 6 x SATA 6Gbps ports
USB ports	1 x USB 20Gbps (1 Type-C) 4 x USB 10Gbps (3 Type-A + 1 Type-C) 4 x USB 5Gbps (4 Type-A) 6 x USB 2.0
LAN	Intel® 2.5G LAN
WiFi / BT	Wi-Fi 6E, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

FEATURES

- 
Lightning Gen 5
 The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.
- 
Latest DDR5 Memory
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- 
EZ Antenna
 EZ Antenna makes the process effortless by simply attaching fasteners to the motherboard without rotation.
- 
Wi-Fi 6E
 The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- 
Lightning USB 20G
 Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.
- 
M.2 Shield FROZR
 Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.
- 
2.5G Network Solution
 Featuring premium 2.5G LAN to deliver better network experience.
- 
Pre-installed I/O Shielding
 Better EMI protection and more convenience for installation
- 
Frozr AI Cooling
 Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.
- 
Core Boost
 With premium layout and fully digital power design to support more cores and provide better performance.

CONNECTIONS



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