MSI®

主板
PRO Z790-P II
BUSINESS ELEGANCE

intel. CHIPSET Z790

DDR5 | Copper PCB

SPECIFICATIONS

Model Name	PRO Z790-P 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	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 Gen4 x4 64Gbps slots, 6x SATA 6Gbps ports
USB ports	1x USB 3.2 Gen 2x2 20G (1 Type-C), 2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C), 6x USB 3.2 Gen 1 5Gbps (6 Type-A), 8x USB 2.0
LAN	Intel® 2.5G LAN
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.

Frozr AI Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.

Lightning USB 20G

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

2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.

M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.

Extended Heatsink Design

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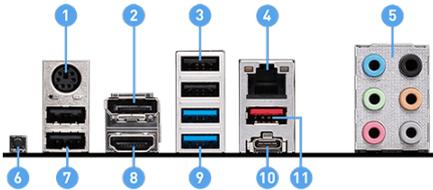
Core Boost

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

EZ Debug LED

Easiest way to troubleshoot.

CONNECTIONS

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