



SPECIFICATIONS

Model Name	PRO X870-P WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD X870 Chipset
Expansion Slots	1x PCIe 5.0 x16 slot 1x PCIe 4.0 x16 slot 2x PCIe 3.0 x1 slots
Display Interface	1 x USB4 port supports USB Type-C display output, Support 4K@60Hz as specified in HDMI™ 2.1 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8200+ MT/s (OC)
Storage	1 x M.2 Gen5 x4 128Gbps slot, 1 x M.2 Gen4 x4 64Gbps slot, 1 x M.2 Gen4 x2 32Gbps slot, 4 x SATA 6Gbps ports
USB ports	1 x USB 40Gbps (1 Type-C), 1 x USB 20Gbps (1 Type-C), 3 x USB 10Gbps (2 Type-A + 1 Type-C), 4 x USB 5Gbps (4 Type-A) 8 x USB 2.0
LAN	Realtek® 8126 5G LAN
WiFi / BT	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES



Wi-Fi 7

The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



Lightning USB 40G

Featuring a built-in USB 4 port, it offers a lightning-fast 40Gbps transmission speed.



5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



EZ PCIe Clip II

Allows for easy removal of the graphics card by pressing the tail-like lock with one finger, even in the cramped case spaces.



Triple M.2 Connectors

Onboard 3x M.2 connectors with PCIe 4.0 solution, strengthened by M.2 Shield Frozr.



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.



Pre-installed I/O Shielding

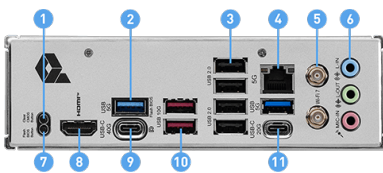
Better EMI protection and more convenience for installation



Frozr AI Cooling

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

CONNECTIONS



1. Clear CMOS Button
2. USB 5Gbps Type-A
3. USB 2.0
4. 5G LAN
5. Wi-Fi / Bluetooth
6. Audio connectors
7. Flash BIOS Button
8. HDMI™
9. USB 40Gbps Type-C
10. USB 10Gbps Type-A
11. USB 20Gbps Type-C