SPECIFICATIONS

Model Name	PRO X670-P WIFI
CPU Support	Supports AMD Ryzen™ 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD X670 Chipset
Expansion Slots	3x PCIe 4.0 x16 slots 1x PCIe 3.0 x1 slot
Display Interface	Support 4K@120Hz as specified in HDMI™ 2.1 FRL, DisplayPort 1.4, 1x Type-C Display port - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5
Storage	1x M.2 Gen5 x4 128Gbps slot 3x M.2 Gen4 x4 64Gbps slots 6x SATA 6Gbps ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C) 4x USB 3.2 Gen 2 10Gbps (2 Type-A + 2 Type-C) 8x USB 3.2 Gen 1 5Gbps (8 Type-A) 4x USB 2.0
LAN	Realtek® 8125B 2.5G LAN
WiFi / BT	AMD® Wi-Fi 6E, Bluetooth 5.2
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.

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.

Extended Heatsink Design

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

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 with LAN manager to deliver better network experience.

EZ Debug LED

Easiest way to troubleshoot.

Frozr AI Cooling

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

Memory Boost

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.

Core Boost

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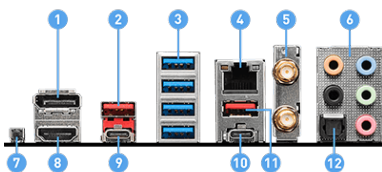
Optimum Thermal Solution

Wavy Fin Design, Direct Touch Cross Heat-pipe, MOSFET Baseplate, double-sided M.2 Shield Frozr, and Frozr AI software ensure the extreme performance with low temp.

CONNECTIONS

1. DisplayPort
2. USB 3.2 Gen 2 10Gbps (Type-A)
3. USB 3.2 Gen 1 5Gbps (Type-A)
4. 2.5G LAN
5. Wi-Fi / Bluetooth
6. Audio connectors
7. Flash BIOS Button
8. HDMI™
9. USB 3.2 Gen 2 10Gbps (Type-C Display порт)
10. USB 3.2 Gen 2x2 20Gbps (Type-C)
11. USB 3.2 Gen 2 10Gbps (Type-A)
12. S/PDIF-OUT