



## SPECIFICATIONS

<b>Model Name</b>	PRO X670-P WIFI
<b>CPU Support</b>	Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors
<b>CPU Socket</b>	Socket AM5
<b>Chipset</b>	AMD X670 Chipset
<b>Expansion Slots</b>	3x PCIe 4.0 x16 slots 1x PCIe 3.0 x1 slot
<b>Display Interface</b>	Support 4K@120Hz as specified in HDMI™ 2.1 FRL, DisplayPort 1.4, 1x Type-C Display port - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5 7800+MHz (OC)
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot 3x M.2 Gen4 x4 64Gbps slots 6x SATA 6Gbps ports
<b>USB ports</b>	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
<b>LAN</b>	Realtek® 8125B 2.5G LAN
<b>WiFi / BT</b>	AMD® Wi-Fi 6E, Bluetooth 5.2
<b>Audio</b>	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.



### 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.



### 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 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

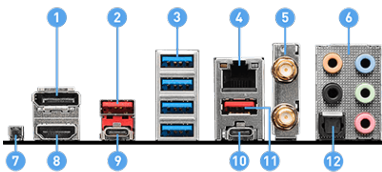
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



### Core Boost

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

## 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 port)
10. USB 3.2 Gen 2x2 20Gbps (Type-C)
11. USB 3.2 Gen 2 10Gbps (Type-A)
12. S/PDIF-OUT