













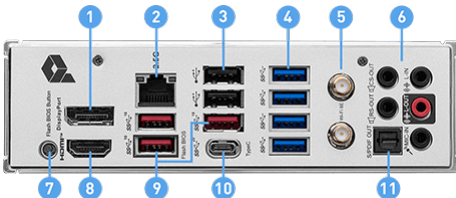
SPECIFICATIONS

Model Name	PRO B650-A WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD B650 Chipset
Expansion Slots	2x PCIe 4.0 x16 slots 1x PCIe 3.0 x1 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-7600+MHz (OC)
Storage	3x M.2 Gen4 x4 64Gbps slots, 6x SATA 6Gbps ports
USB ports	1x USB 20Gbps (1 Type-C), 4x USB 10Gbps (3 Type-A + 1 Type-C), 6x USB 5Gbps (6 Type-A), 6x USB 2.0
LAN	Realtek® 8125BG 2.5G LAN
Wireless / Bluetooth	AMD® Wi-Fi 6E, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

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Latest DDR5 Memory
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- 
Lightning Gen4 Solution
 The latest Gen4 PCI-E and M.2 solution with up to 64GB/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.
- 
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.
- 
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.
- 
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.
- 
EZ Debug LED
 Easiest way to troubleshoot.

CONNECTIONS



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