



SPECIFICATIONS

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| Model Name | PRO B650M-A WIFI |
| CPU Support | Supports AMD Ryzen™ 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 DDR5-7200+MHz (OC) |
| Storage | 2x M.2 Gen4 x4 64Gbps slots, 4x SATA 6Gbps ports |
| USB ports | 5x USB 3.2 Gen 2 10Gbps (4 Type-A + 1 Type-C), 6x USB 3.2 Gen 1 5Gbps (6 Type-A), 4x 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



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 FROZE

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.



Memory Boost

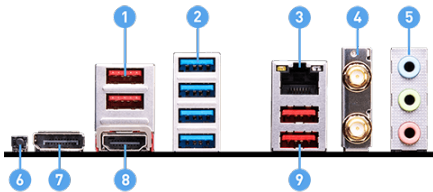
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



Core Boost

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

CONNECTIONS



1. USB 3.2 Gen 2 10Gbps (Type-A)
2. USB 3.2 Gen 1 5Gbps (Type-A)
3. 2.5G LAN
4. Wi-Fi / Bluetooth
5. Audio connectors
6. Flash BIOS Button
7. DisplayPort
8. HDMI™
9. USB 3.2 Gen 2 10Gbps (Type-A)