



## FEATURES



### 64MB BIOS

A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.



### Lightning Gen 5 Solution

The latest Gen 5 M.2 solution with up to 128GB/s bandwidth for maximum transfer speed.



### M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



### PCI-E Steel Armor

Protecting VGA cards against bending and EMI.



### 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.



### EZ Antenna

EZ Antenna makes the process effortless by simply attaching fasteners to the motherboard without rotation.



### Wi-Fi 6E

Supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



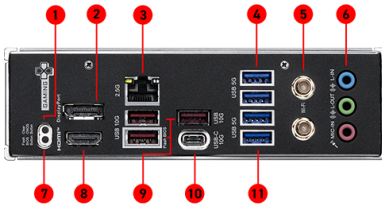
### Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.

## SPECIFICATIONS

<b>Model Name</b>	B850 GAMING PRO WIFI6E
<b>CPU Support</b>	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
<b>CPU Socket</b>	AMD Socket AM5
<b>Chipset</b>	AMD B850 Chipset
<b>Expansion slots</b>	1 x PCIe 4.0 x16 slot, 1 x PCIe 4.0 x4 slot, 2 x PCIe 3.0 x1 slots
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5 - 8200+ MT/s (OC)
<b>Storage</b>	1 x M.2 Gen5 x4 128Gbps slot, 1 x M.2 Gen4 x4 64Gbps slot, 4 x SATA 6Gbps ports
<b>USB ports</b>	5 x USB 10Gbps (2 Type-C + 3 Type-A) 6 x USB 5Gbps (6 Type-A) 4 x USB 2.0
<b>LAN</b>	Realtek® 8125 2.5G LAN
<b>WIFI / BT</b>	Wi-Fi 6E module, Bluetooth 5.3
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## CONNECTIONS



- |                        |                         |
|------------------------|-------------------------|
| 1. Clear CMOS Button   | 2. Display Port         |
| 3. 2.5G LAN            | 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 10Gbps (Type-C) |
| 11. USB 5Gbps (Type-A) |                         |