

MOTHERBOARDS

**B850M GAMING PLUS WIFI** 

WIN THE COMPETITION









## **SPECIFICATIONS**

| Model Name               | B850M GAMING PLUS WIFI                                            |
|--------------------------|-------------------------------------------------------------------|
| CPU Support              | Supports AMD Ryzen <sup>™</sup> 9000 / 8000 / 7000 Series Desktop |
|                          | Processors                                                        |
| CPU Socket               | AMD Socket AM5                                                    |
| Chipset                  | AMD B850 Chipset                                                  |
| Expansion slots          | 1 x PCle 5.0 x16 slot,                                            |
|                          | 1 x PCle 4.0 x4 slot,                                             |
|                          | 1 x PCle 3.0 x1 slot                                              |
| <b>Display Interface</b> | Support 4K@60Hz as specified in HDMI <sup>™</sup> 2.1,            |
|                          | DisplayPort 1.4 – Requires Processor Graphics                     |
| Memory Support           | 4 DIMMs, Dual Channel DDR5 8200+ MT/s (OC)                        |
| Storage                  | 1 x M.2 Gen5 x4 128Gbps slot,                                     |
|                          | 1 x M.2 Gen4 x4 64Gbps slot,                                      |
|                          | 4 x SATA 6Gbps ports                                              |
| USB ports                | 6 x USB 10Gbps (3 Type-A + 3 Type-C),                             |
|                          | 5 x USB 5Gbps (5 Type-A),                                         |
|                          | 4 x USB 2.0                                                       |
| LAN                      | Realtek <sup>®</sup> 8126 5Gbps LAN                               |
| WIFI / BT                | Wi-Fi 7 Solution, Bluetooth 5.4                                   |
| Audio                    | 8-Channel (7.1) HD Audio with Audio Boost                         |

## FEATURES



Wi-Fi 7 is the latest wireless solution that takes a huge leap forward with multiple improvements to meet the traffic demand brought and the growing number of wireless devices.



**5G Network Solution** 









Featuring premium 5G LAN to deliver better network experience.



A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.

#### Lightning Gen 5



The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.

**Extended Heatsink Design** 



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

EZ M.2 Shield Frozr II



#### EZ PCIe Clip II



Allows for easy removal of the graphics card by pressing the taillike lock with one finger, even in the cramped case spaces.



Pre-installed I/O Shielding

Better EMI protection and more convenience for installation

### **Dual M.2 Connectors**

Onboard 2x M.2 Connectors with one PCIe 5.0 solution, strengthened by M.2 Shield Frozr.

### Audio Boost

AUDIC 80051

т.2

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

# **CONNECTIONS**



- 1. Clear CMOS Button
- 3. USB 10Gbps (Type-A)
- 5. 5G LAN
- 7. HD Audio Connectors
- 9. HDMI™
- 11. USB 10Gbps (Type-C)
- 2. DisplayPort 1.4
- 4. USB 5Gbps (Type-A)
- 6. Wi-Fi / Bluetooth 8. Flash BIOS Button
- 10. USB 10Gbps (Type-A)
- 12. USB 5Gbps (Type-A)