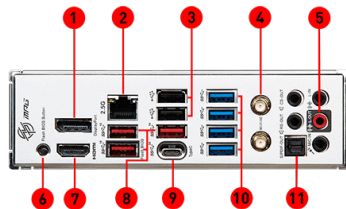




SPECIFICATIONS

| | |
|-----------------------------|---|
| Model Name | MPG B650 EDGE WIFI |
| CPU Support | Supports AMD Ryzen™ 7000 Series Desktop Processors |
| CPU Socket | Socket AM5 |
| Chipset | AMD B650 Chipset |
| Expansion Slot | 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 DDR5-6600Mhz+ (OC) |
| Storage | 1x M.2 Gen5 x4 128Gbps slot 2x M.2 Gen4 x4 64Gbps slots 6x SATA 6Gb/s ports |
| USB ports | 1x USB 3.2 Gen 2x2 20Gbps (1 Type-C) 4x USB 3.2 Gen 2 10Gbps (1 Type-C + 3 Type-A) 6x USB 3.2 Gen 1 5Gbps (6 Type-A) 6x USB 2.0 (6 Type-A) |
| LAN | 1x Realtek® RTL8125BG 2.5Gbps LAN |
| Wireless / Bluetooth | AMD Wi-Fi 6E, Bluetooth 5.2 |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost 5 |

CONNECTIONS



- | | |
|------------------------------------|----------------------------------|
| 1. DisplayPort | 2. 2.5G LAN |
| 3. USB 2.0 (Type-A) | 4. Wi-Fi / Bluetooth |
| 5. Audio Connectors | 6. Flash BIOS Button |
| 7. HDMI™ | 8. USB 3.2 Gen 2 10Gbps (Type-A) |
| 9. USB 3.2 Gen 2x2 20Gbps (Type-C) | 10. USB 3.2 Gen 1 5Gbps (Type-A) |
| 11. Optical S/PDIF Out | |

FEATURES



Latest DDR5 Memory

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



M.2 Shield FROZR

M.2 thermal accessory. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



2.5G Network Solution

Featuring premium 2.5G LAN with LAN manager to deliver better network experience.



Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



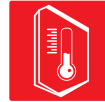
Audio Boost 5

Isolated audio with a high quality audio processor for the most immersive gaming experience



Memory Boost

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



Extended Heatsink Design

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