



SPECIFICATIONS

Model Name	MPG B650I EDGE WIFI
CPU Support	Supports AMD Ryzen™ 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD B650 Chipset
Expansion Slot	1x PCIe 4.0 x16 slot
Display Interface	Support 4K@120Hz as specified in HDMI™ 2.1 – Requires Processor Graphics
Memory Support	2 DIMMs, Dual Channel DDR5
Storage	2x M.2 PCIe 4.0 x4 slots 4x SATA 6Gb/s ports
USB ports	1x USB 3.2 Gen 2x2 20G (1 Type-C) 4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C) 4x USB 3.2 Gen 1 5Gbps (4 Type-A) 2x USB 2.0 (2 Type-A)
LAN	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

FEATURES



Extended Heatsink Design

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



Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



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.



2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



Wi-Fi 6E

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



M.2 SHIELD FROZR

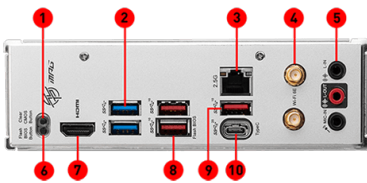
Onboard M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.



2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.

CONNECTIONS



1. Clear CMOS Button
2. USB 3.2 Gen 1 5Gbps (Type-A)
3. 2.5G LAN
4. Wireless / Bluetooth
5. Audio Connectors
6. Flash BIOS Button
7. HDMI™
8. USB 3.2 Gen 2 10Gbps (Type-A)
9. USB 3.2 Gen 2 10Gbps (Type-A)
10. USB 3.2 Gen 2x2 20Gbps (Type-C)