



SPECIFICATION

Model Name	MPG B550I GAMING EDGE WIFI
CPU Support	Supports AM4 socket 3rd Gen AMD Ryzen™ Processors, and future AMD Ryzen™ processors with BIOS update
CPU Socket	AMD Socket AM4
Chipset	AMD B550 Chipset
Graphics Interface	1x PCI-E 4.0 / 3.0 x16 slot
Display Interface	HDMI 2.1 - Requires Processor Graphics
Memory Support	2 DIMMs, Dual Channel DDR4-4600(OC)
Storage	1x M.2 Gen4 x4 + 1x M.2 Gen3 x4 slot 4x SATA 6Gb/s ports
USB ports	2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C) 5x USB 3.2 Gen 1 5Gbps (4 Type-A + 1 Type-C) 4x USB 2.0
LAN	Realtek® 8125B 2.5G LAN
Wireless / Bluetooth	Intel® Wi-Fi 6 AX200, Bluetooth 5.1
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURE



Extended Heatsink Design

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



Digital Power Design

8+2+1 aggressive VRM design with Dr.MOS 60A to maximize performance



2.5G LAN

Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.



WiFi 6

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



Lightning Gen4 solution

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



Flash BIOS Button

Simply use a USB key to flash any BIOS within seconds, without installing a CPU, memory or graphics card.



Front Type-C USB 3.2 Gen 1 5Gbps

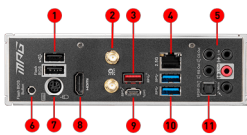
Compatible with the latest PC chassis and perfect for external drives and other mobile devices.



M.2 Shield FROZR

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

CONNECTIONS



1. USB 2.0
2. Wi-Fi / Bluetooth
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. 2.5G LAN
5. HD Audio Connectors
6. Flash BIOS Button
7. PS/2 Combo Port
8. HDMI 2.1
9. USB 3.2 Gen 2 10Gbps (Type-C)
10. USB 3.2 Gen 1 5Gbps (Type-A)
11. Optical S/PDIF OUT