



SPECIFICATIONS

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|-----------------------------|---|
| 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 |

FEATURES



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.



Frozr Heatsink Design

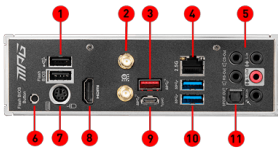
Designed with double ball bearings to provide best performance for enthusiast gamers and prosumers.



Pre-installed I/O Shielding

Better EMI protection and more convenience for installation

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