SPECIFICATIONS

Model Name	B650 GAMING PLUS WIFI
CPU Support	Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors
CPU Socket	AMD Socket AM5
Chipset	AMD B650 Chipset
Expansion Slots	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 DDR5-7200+MHz (OC)
Storage	2x M.2 Gen 4 x4 64Gbps slots, 4x SATA 6Gbps ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (1 Type-C), 4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C), 6x USB 3.2 Gen 1 5Gbps (6 Type-A), 4x USB 2.0
LAN	Realtek® RTL8125BG 2.5Gbps LAN
Wi-Fi / Bluetooth	AMD® Wi-Fi 6E, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

Latest DDR5 Memory

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

Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/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.

M.2 Shield FROZR

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

Lightning USB 20G

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

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.
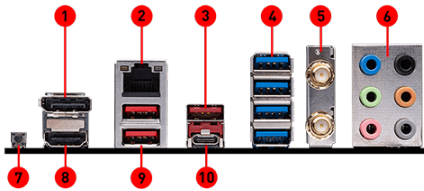
Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.

Audio Boost

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

CONNECTIONS

1. DisplayPort 1.4
2. 2.5G LAN
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. USB 3.2 Gen 1 5Gbps (Type-A)
5. Wi-Fi / Bluetooth
6. HD Audio Connectors
7. Flash BIOS Button
8. HDMI™ 2.1 Port
9. USB 3.2 Gen 2 10Gbps (Type-A)
10. USB 3.2 Gen 2x2 20Gbps (Type-C)