



SPECIFICATIONS

Model Name	B650M GAMING WIFI
CPU Support	Supports AMD Ryzen™ 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD B650 Chipset
Expansion Slots	1x PCIe 4.0 x16 slot, 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	2 DIMMs, Dual Channel DDR5-7800+(OC)
Storage	2x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gb/s ports
USB ports	8x USB 3.2 Gen 1 5Gbps (7 Type-A + 1 Type-C) 6x USB 2.0 (Type-A)
LAN	RTL8125BG 2.5Gbps LAN
WiFi / BT	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.
- M.2 Shield FROZR**

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

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

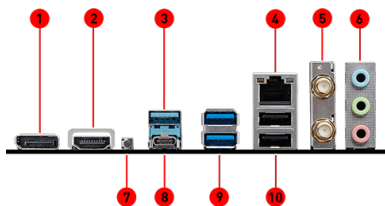
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.
- Audio Boost**

Reward your ears with studio grade sound quality for the most immersive audio experience.
- 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 to deliver better network experience.

CONNECTIONS



1. Display Port
3. USB 3.2 Gen 2 5Gbps (Type-A)
5. Wi-Fi / Bluetooth
7. Flash BIOS Button
9. USB 3.2 Gen 2 5Gbps (Type-A)
2. HDMI™
4. 2.5G LAN
6. Audio Connectors
8. USB 3.2 Gen 1 5Gbps (Type-C)
10. USB 2.0