MOTHERBOARDS

B650M GAMING WIFI

WIN THE COMPETITION



SPECIFICATIONS

Model Name	B650M GAMING WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 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	Realtek® 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.

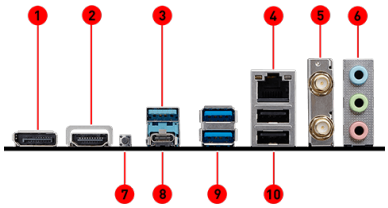
Wi-Fi 6E

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

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