



## MSI B650M GAMING WIFI AM5 mATX Motherboard

Sale Price: 18900.0



PRODUCT ID: 04174

### Basic

#### Information

Supported CPU	Supports AMD Ryzen 9000/ 8000/ 7000 Series Desktop Processors Socket AM5
Chipset	AMD B650
Form Factor	mATX 226mmx243.84mm
Audio	Realtek ALC897 Codec 7.1-Channel High Definition Audio

#### Expansion

##### Slots

PCI	1x PCI-E x16 slot Supports x16/x1 • Supports x16 (For Ryzen 7000 Series processors) • Supports x8 (For Ryzen 7 8700G and Ryzen 5 8600G processors) • Supports x4 (For Ryzen 5 8500G processor) 1x PCI-E x1 slot PCI_E1 Gen PCIe 3.0 supports up to x1 (From Chipset) PCI_E2 Gen PCIe 4.0 supports up to x16 (From CPU)
M.2 Socket	2x M.2

#### Memory

Type	DDR5
Slots	2

## Basic Information

Supported Memory	7800+(OC)/ 7600(OC)/ 7400(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200(OC)/ 5000(OC)/ 4800(JEDEC) MHz Max. overclocking frequency: <ul style="list-style-type: none"> <li>• 1DPC 1R Max speed up to 7800+ MHz</li> <li>• 1DPC 2R Max speed up to 6400+ MHz</li> </ul> Supports Dual-Channel mode Supports non-ECC, un-buffered memory Supports AMD EXPO
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Maximum Memory	128GB
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## Graphics

Graphics	1x HDMI Support HDMI 2.1, maximum resolution of 4K 60Hz* 1x DisplayPort Support DP 1.4, maximum resolution of 4K 60Hz*
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## Connector & Ports

HDMI	1x HDMI
Display Port (s)	1x DisplayPort
USB (s)	2x USB 2.0 (Rear) 4x USB 2.0 (Front) 3x USB 5Gbps Type A (Rear) 1x USB 5Gbps Type C (Rear) 4x USB 5Gbps Type A (Front)
LAN Port (s)	Realtek RTL8125BG 2.5Gbps LAN
Wireless Communication module	AMD Wi-Fi 6E The Wireless module is pre-installed in the M.2 (Key-E) slot Supports MU-MIMO TX/RX Supports 20MHz, 40MHz, 80MHz, 160MHz bandwidth in 2.4GHz/ 5GHz or 6GHz* bands Supports 802.11 a/ b/ g/ n/ ac/ ax  Supports Bluetooth 5.3
Supported Storage	2x M.2 M.2_1 Source (From CPU) supports up to PCIe 4.0 x4 , supports 2280 devices M.2_2 Source (From CPU) supports up to PCIe 4.0 x4 , supports 2280 devices 4x SATA 6G <ul style="list-style-type: none"> <li>• M2_2 supports PCIe 4.0 x2 speed when Ryzen 5 8500G is installed</li> </ul>

## Basic Information

RAID	Supports RAID 0, RAID 1, and RAID 10 for SATA storage devices Supports RAID 0, RAID 1, and RAID 10 for M.2 NVMe storage devices
Internal I/O Ports	<p>INTERNAL IO</p> <ul style="list-style-type: none"> <li>1x Power Connector(ATX_PWR)</li> <li>1x Power Connector(CPU_PWR)</li> <li>1x CPU Fan</li> <li>3x System Fan</li> <li>2x Front Panel (JFP)</li> <li>1x Chassis Intrusion (JCI)</li> <li>1x Front Audio (JAUD)</li> <li>2x Addressable V2 RGB LED connector (JARGB_V2)</li> <li>1x RGB LED connector(JRGB)</li> <li>4x USB 2.0 ports</li> <li>4x USB 5Gbps Type A ports</li> </ul> <p>BACK PANEL PORTS</p> <ul style="list-style-type: none"> <li>DisplayPort</li> <li>HDMI</li> <li>USB 3.2 Gen 1 5Gbps (Type-A)</li> <li>2.5G LAN</li> <li>Wi-Fi / Bluetooth</li> <li>Audio connectors</li> <li>Flash BIOS Button</li> <li>USB 3.2 Gen 1 5Gbps (Type-C)</li> <li>USB 3.2 Gen 1 5Gbps (Type-A)</li> <li>USB 2.0</li> </ul>
TPM (Trusted Platform Module )	1x TPM pin header(Support TPM 2.0)

## Warranty Information

Manufacturing Warranty	3 Years
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