

SPECIFICATIONS



MSI B840M GAMING (Wi-Fi 6E) DDR5 AMD AM5 Socket Motherboard #B840M GAMING WIFI6E

Regular Price 21,160

Special Price 19,500

ID: 02.02.033.577

General

Brand	MSI
Model	MSI B840M GAMING (Wi-Fi 6E)
Body Color	White
Part No	B840M GAMING WIFI6E

CPU

Chipset Brand	AMD
Chipset	AMD B840
Sockets Supported	AM5
Built-in Processor	No
Supported CPU	Supports AMD Ryzen 9000/ 8000/ 7000 Series Desktop Processors
Generation	Not Applicable

Memory Support

Memory Type	DDR5
Memory MHz	8000(O.C.)/ 7950(O.C.)/ 7900(O.C.)/ 7800(O.C.)/ 7600(O.C.)/ 7400(O.C.)/ 7200(O.C.)/ 7000(O.C.)/ 6800(O.C.)/ 6600(O.C.)/ 6400(O.C.)/ 6200(O.C.)/ 6000(O.C.)/ 5800(O.C.)/ 5600(O.C.)/ 5400(O.C.)/ 5200(O.C.)/ 4800 MHz non-ECC Un-buffered memory
Memory Channel	Dual
Memory Slot	2
Memory Slot (Additional Info)	Memory Support DDR5 8000 - 5600 (OC) MT/s / 5600 - 4800 (JEDEC) MT/s Ryzen 9000 Series Processors max. overclocking frequency: 1DPC 1R Max speed up to 8000+ MT/s, 1DPC 2R Max speed up to 7200+ MT/s.
Memory Max.	128GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
-------------------	---------

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 **BANANI - DHAKA** 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 55 513 933 **UTTARA - DHAKA** 36 Sonargaon Janapath, Sector 9, Dhaka 1230, Tel +88 017 55 513 930 **MULTIPLAN CENTRE-1, DHAKA** Ground Floor, Shop Expansion Centre, Dhaka 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 981 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Shantinagar - DHAKA** Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 55 513 984 **Agrabad - Chattogram** 472 Sheikh Mujib Road, Chowmuhani, Chattogram, Tel +88 017 55 554 930 **GEC Circle - Chattogram** 428 Yunusco City Center, Chattogram, Tel +88 017 55 513 953 **RAJSHAHI Jamal Super Market** 96 Saheb Bazar, Tel +88 017 55 513 961 **Bogura** 845/936 College Road, Kalitola, Tel +88 017 55 513 948 **Khulna Naushin Tower** 11 KDA Avenue, Tel +88 017 55 554 923 **RANGPUR** 624 Asha Centre, GL Roy Road, Tel +88 017 555 13 941 **Barishal** 125 Sadar Road, Kakolimor, Tel +88 017 55 513 945 **MYMENSINGH** 11 C.K Ghosh Road, Tel +88 017 55 513 954

Ryans reserves right to change information including price any time.

M.2/SSD Expansion Slot Details	2 x M.2 Slot (1 x M.2 type 2280/2260 supports up to PCIe 4.0 x4 ssd, 1 x M.2 type 2280/2260 supports up to PCIe 4.0 x4 ssd)
M.2/SSD Slot Gen	Up to Gen 4

Graphics

Graphics	Integrated
Graphics Chipset	Integrated with Processor
Multi-GPU Support	No
PCI Express Slot	2 x PCI-E x16 slot

Audio & Video

Audio Chipset	Realtek ALC897
Audio Channel	7.1

Network & Connectivity

LAN Chipset	Realtek 8125D
LAN Speed (Mbps)	10/100/1000/2500 Mbps
WiFi	Yes
WiFi Technology	Wi-Fi 6E
Bluetooth	Bluetooth 5.3

Ports

USB Port	4 x USB 5Gbps Type-A, 2 x USB 2.0 Type-A
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	1
IDE Port	No

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 **BANANI - DHAKA** 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 55 513 933 **UTTARA - DHAKA** 36 Sonargaon Janapath, Sector 9, Dhaka 1230, Tel +88 017 55 513 930 **MULTIPLAN CENTRE-1, DHAKA** Ground Floor, Shop 141, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 981 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Shantinagar - DHAKA** Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 55 513 984 **Agrabad - Chattogram** 472 Sheikh Mujib Road, Chowmuhani, Chattogram, Tel +88 017 55 554 930 **GEC Circle - Chattogram** 428 Yunusco City Center, Chattogram, Tel +88 017 55 513 953 **RAJSHAHI Jamal Super Market** 96 Saheb Bazar, Tel +88 017 55 513 961 **Bogura** 845/936 College Road, Kalitola, Tel +88 017 55 513 948 **Khulna Naushin Tower** 11 KDA Avenue, Tel +88 017 55 554 923 **RANGPUR** 624 Asha Centre, GL Roy Road, Tel +88 017 555 13 941 **Barishal** 125 Sadar Road, Kakolimor, Tel +88 017 55 513 945 **MYMENSINGH** 11 C.K Ghosh Road, Tel +88 017 55 513 954

Ryans reserves right to change information including price any time.

SATA Port	4 SATA
Thunderbolt	No
TPM Port	1
COM Port	1

Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	Yes
FireWire	No
CrossFire Support	No
Sli Support	No
Raid Support	0 , 1 , 10
RGB Support	ARGB
RGB Connector	3 x Addressable V2 RGB LED connector (JARGB_V2), 1 x RGB LED connector(JRGB)
Approx. Power Consumption	60W
Form Factor	Micro-ATX

Compatibility

Supported Operating System	Windows 11
Compatible Products	Compatible with AM5 socket AMD Ryzen 9000/ 8000/ 7000 Series.

Warranty

Warranty Details	3 year
Feature	HDMI Support HDMI 2.1 maximum resolution of 4K 60Hz, Support DisplayPort 1.4 maximum resolution of 4K 60Hz, Ultra Performance: 7+2+1 P-PAK Power System, 8-pin CPU power connector, Core Boost, Memory Boost, 6-layer PCB with 2oz thickened copper, Frozr Guard: Extended Heatsink, MOSFET thermal pads rated for 7W/mK, additional choke thermal pads and M.2 Shield Frozr are built for high performance system and non-stop experience, High-speed Connectivity: Wi-Fi 6E with 2.5G LAN - The latest solution for professional and multimedia use, delivering secure, stable, and high-speed networking and data transmission, EZ DIY: EZ M.2 Clip II, EZ PCIe Clip II and EZ Antenna, Audio Boost: Reward your ears with studio-grade sound quality for the most immersive gaming experience.
Others	Internal IO: (1x Power Connector(ATX_PWR) 1x Power Connector(CPU_PWR) 1x CPU Fan 2x System Fan 2x Front Panel (JFP) 1x Chassis Intrusion (JCI) 1x Front Audio (JAUD) 1x Com Port (JCOM) 1x TPM pin header(Support TPM 2.0)).

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 **BANANI - DHAKA** 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 55 513 933 **UTTARA - DHAKA** 36 Sonargaon Janapath, Sector 9, Dhaka 1230, Tel +88 017 55 513 930 **MULTIPLAN CENTRE-1, DHAKA** Ground Floor, Shop 141, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 981 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Shantinagar - DHAKA** Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 55 513 984 **Agrabad - Chattogram** 472 Sheikh Mujib Road, Chowmuhani, Chattogram, Tel +88 017 55 554 930 **GEC Circle - Chattogram** 428 Yunusco City Center, Chattogram, Tel +88 017 55 513 953 **RAJSHAHI Jamal Super Market** 96 Saheb Bazar, Tel +88 017 55 513 961 **Bogura** 845/936 College Road, Kalitola, Tel +88 017 55 513 948 **Khulna Naushin Tower** 11 KDA Avenue, Tel +88 017 55 554 923 **RANGPUR** 624 Asha Centre, GL Roy Road, Tel +88 017 555 13 941 **Barishal** 125 Sadar Road, Kakolimor, Tel +88 017 55 513 945 **MYMENSINGH** 11 C.K Ghosh Road, Tel +88 017 55 513 954

Ryans reserves right to change information including price any time.