

SPECIFICATIONS



MSI B850 GAMING PLUS (Wi-Fi 7) DDR5 AMD AM5 Socket Motherboard

Regular Price 30,920
Special Price 28,500

ID: 02.02.033.551

General

Brand	MSI
Model	MSI B850 GAMING PLUS (Wi-Fi 7)
Body Color	Black

CPU

Chipset Brand	AMD
Chipset	AMD B850
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	8200 - 5600 (OC) MT/s / 5600 - 4800 (JEDEC) MT/s Non-ECC, Un-buffered memory
Memory Channel	Dual
Memory Slot	4
Memory Slot (Additional Info)	4 x DDR5
Memory Max.	256GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD Expansion Slot	3

M.2/SSD 3 x M.2 (M.2_1 Source (From CPU) supports up to PCIe 5.0 x4 , supports 2280/2260 devices, M.2_2 Source (From CPU) supports up to PCIe 4.0 x4 , supports 22110/2280 devices, M.2_3 Source (From Chipset) supports up to PCIe 4.0 x2 , supports 2280/2260 devices.)

IDB BHABAN - DHAKA 123/5 BC8 Commerce City, Dhaka 1204, Tel +88 017 55 513 933 **UTTARA - DHAKA 32 Sonargaon, Jamuna 66, 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

M.2/SSD Slot Gen	Up to Gen 5
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Graphics

Graphics	Integrated
Graphics Chipset	Integrated With Processor
Multi-GPU Support	No
PCI Express Slot	4 x PCI-E x16 slot

Audio & Video

Audio Chipset	Realtek ALC897
Audio Channel	7.1

Network & Connectivity

LAN Chipset	1 x 5G LAN
LAN Speed (Mbps)	5Gbps
WiFi	Yes
WiFi Technology	Wi-Fi 7 (802.11 a/ b/ g/ n/ ac/ ax/ be)
Bluetooth	Bluetooth 5.4

Ports

USB Port	4 x USB 2.0, 1 x USB 5Gbps Type A, 1 x USB 10Gbps Type A, 2 x USB 10Gbps Type C.
VGA Port	No
DVI Port	No
HDMI Port	No
DisplayPort (DP)	1
IDE Port	No
SATA Port	4

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

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Thunderbolt	No
TPM Port	1 x TPM pin header(Support TPM 2.0)
COM Port	1 x Com Port (JCOM)

Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	Yes
CrossFire Support	No
Sli Support	No
Raid Support	0, 1
RGB Support	ARGB
RGB Connector	3 x Addressable V2 RGB LED connector (JARGB-V2), 1x RGB LED connector(JRGB)
Approx. Power Consumption	70W
Form Factor	ATX

Compatibility

Supported Operating System	Windows 11 64-bit
Compatible Products	Supports AMD Ryzen 9000/ 8000/ 7000 Series Desktop Processors

Warranty

Warranty Details	3 year
Feature	Supports AMD Ryzen 9000 / 8000 / 7000 Series Desktop Processors. Supports DDR5 Memory, Dual Channel DDR5 8200+ MT/s (OC). Ultra Performance: 12+2+1 Duet Rail Power System, dual 8-pin CPU power connectors, Core Boost, Memory Boost, 6-layer PCB made by 2oz thickened copper and server-grade level material. Frozr Guard: Extended Heatsink, MOSFET thermal pads rated for 7W/mK, additional choke thermal pads and EZ M.2 Shield Frozr II are built for high performance system and non-stop experience. High-speed Connectivity: 5G LAN with Full-speed Wi-Fi 7 Solution - The latest solution for professional and multimedia use, delivering secure, stable, and high-speed networking and data transmission. Lightning Fast Game experience: PCIe 5.0 slot, Lightning Gen 5 x4 M.2, Front USB Type-C. EZ DIY: EZ M.2 Shield Frozr II, 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	Supports AMD POR Speed and JEDEC Speed, Supports Memory Overclocking and AMD EXPOTM, Supports Dual-Channel mode, Supports Non-ECC, Un-buffered memory, Supports CUDIMM, Clock Driver bypass mode only. Ryzen 9000 Series Processors max. overclocking frequency: 1DPC 1R Max speed up to 8200+ MT/s, 1DPC 2R Max speed up to 6400+ MT/s, 2DPC 1R Max speed up to 6400+ MT/s, 2DPC 2R Max speed up to 4800+ MT/s. DisplayPort 1.2, maximum resolution of 4K 60Hz. M2 slot: Supports up to PCIe 5.0 x4 (For Ryzen??? 9000/ 7000 Series processors), Supports up to PCIe 4.0 x4 (For Ryzen 8000 Series processors). Internal IO: 1x Power Connector(ATX_PWR), 2x Power Connector(CPU_PWR), 1x Power Connector(PCIE_PWR 8pin), 1x CPU Fan, 1x Combo Fan (Pump_Sys Fan), 4x System Fan, 1x EZ Conn-header (JAF_1), 2x Front Panel (JFP), 1x Chassis Intrusion (JCI), 1x Front Audio (JAUD), 1x Com Port (JCOM), 1x Tuning Controller connector(JDASH), 3x Addressable V2 RGB LED connector (JARGB_V2),

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Country Of
Origin Taiwan

Made in/
Assemble China

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