

SPECIFICATIONS



ASUS B850M AYW GAMING (Wi-Fi 6) DDR5 AMD AM5 Socket Motherboard #B850M AYW GAMING WIFI

Regular Price 28,430
Special Price 26,200

ID: 02.02.006.567

General

Brand	Asus
Model	Asus B850M AYW GAMING (Wi-Fi 6)
Body Color	Black & Grey
Part No	B850M AYW GAMING WIFI

CPU

Chipset Brand	AMD
Chipset	AMD B850
Sockets Supported	AM5
Built-in Processor	No
Supported CPU	AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors
Generation	Not Applicable

Memory Support

Memory Type	DDR5
Memory MHz	8200+MT/s(OC) with Ryzen 9000 Series Processors, 8400+MT/s(OC) with Ryzen 8000 Series Processors, 8000+MT/s(OC) with Ryzen 7000 Series Processors.
Memory Channel	Dual
Memory Slot	2
Memory Max.	128GB
Optane Memory Support	No

Storage

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

M.2/SSD Expansion Slot Details: 2 x M.2 (1 x M.2 2280 (PCIe 5.0 x4 mode), 1 x M.2 2280 (PCIe 4.0 x4 mode))

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Shapah, Dhaka 1207, Tel +88 0960 444 2121 BANANI - DHAKA 92 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.

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	1 x PCIe 5.0 x16 slot (supports x16 mode), 1 x PCIe 4.0 x16 slot (supports x8/x4 mode), 1 x PCIe 4.0 x16 slot (support x4 mode)

Audio & Video

Audio Chipset	Realtek 7.1 Surround Sound High Definition Audio CODEC
Audio Channel	7.1

Network & Connectivity

LAN Chipset	1 x Realtek 2.5Gb Ethernet
LAN Speed (Mbps)	100/ 1000/ 2500Mbps
WiFi	Yes
WiFi Technology	Wi-Fi 6
Bluetooth	Bluetooth 5.3

Ports

USB Port	2 x USB 10Gbps ports (2 x Type-A), 2 x USB 5Gbps ports (2 x Type-A), 4 x USB 2.0 ports (4 x Type-A)
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	No
SATA Port	4
Thunderbolt	No

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TPM Port 1

Technical Info

Back-Connect Design No

Cable Management Front

Heatsink No

FireWire No

CrossFire Support No

Sli Support No

Raid Support 0, 1, 5, 10

RGB Support RGB

RGB Sync Aura Sync

Approx. Power Consumption 60W

Form Factor Micro-ATX

Bios Information

BIOS Type 256 Mb Flash ROM

BIOS Model UEFI AMI BIOS

Compatibility

Supported Operating System Windows 11, Windows 10

Compatible Products AMD Socket AM5 for AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors

Warranty

Warranty Details 3 Year Replacement

Feature Internal I/O Connectors: Fan and Cooling Related: 1 x 4-pin CPU Fan header, 3 x 4-pin Chassis Fan headers, Power Related: 1 x 24-pin Main Power connector, 1 x 8-pin +12V CPU Power connector, Storage Related: 2 x M.2 slots (Key M), 4 x SATA 6Gb/s ports, USB: 1 x USB 5Gbps connector (supports USB Type-C), 1 x USB 5Gbps header supports 2 additional USB 5Gbps ports, 2 x USB 2.0 headers support 4 additional USB 2.0 ports, Miscellaneous: 3 x Addressable RGB Gen 2 headers, 1 x Clear CMOS header, 1 x COM Port header, 1 x Front Panel Audio header (F AUDIO), 1 x S/PDIF Out header, 1 x SPI TPM header (14-1 pin), 1 x 10-1 pin System Panel header, Special Features: ASUS 5X PROTECTION III: DIGI+ VRM, LANGuard, Overvoltage protection, SafeSlot, Stainless-steel back I/O, ASUS Q-Design: M.2 Q-Latch, Q-Dashboard, Q-DIMM, Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]), Q-Slot, ASUS Thermal Solution, M.2 heatsink, VRM heatsink design, ASUS EZ DIY, Pre-mounted I/O shield, BIOS FlashBack button, BIOS FlashBack LED, SafeSlot, Aura Sync

Others Manageability: WOL by PME, PXE, Accessories: Cables: 2 x SATA 6Gb/s cables, Miscellaneous: 1 x ASUS Wi-Fi moving antenna, 1 x M.2 rubber package, 1 x Screw package for M.2 SSD, Documentation: 1 x Quick start guide

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