

SPECIFICATIONS



Gigabyte B850M GAMING X (Wi-Fi 6E) DDR5 AMD AM5 Socket Motherboard #B850M GAMING X WF6E / B850M GAMING X WIFI6E

Regular Price 32,550
Special Price 31,000

ID: 02.02.018.560

General

Brand	Gigabyte
Model	Gigabyte B850M GAMING X (Wi-Fi 6E)
Body Color	Black
Part No	B850M GAMING X WF6E / B850M GAMING X WIFI6E

CPU

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

Memory Support

Memory Type	DDR5
Memory MHz	8200(O.C.)/ 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.)/ 5200/ 4800/ 4400 MT/s
Memory Channel	Dual
Memory Slot	4
Memory Max.	256GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
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IDB BHABAN - DHAKA 12375 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 55 513 930 **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 Plaza, 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
Expansion
Slot Details

2 x M.2 (1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 25110/22110/2580/2280 SSDs: AMD Ryzen 9000/7000 Series Processors support PCIe 5.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs, 1 x M.2 connector (M2B_CPU), integrated in the CPU, supporting Socket 3, M key, type 25110/22110/2580/2280 SSDs: AMD Ryzen 9000/7000 Series Processors support PCIe 4.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x2 SSDs)

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M.2/SSD Slot Gen Up to Gen 5

Graphics

Graphics	Integrated
Graphics Chipset	AMD Radeon Graphics support
Multi-GPU Support	No
PCI Express Slot	1 x PCI Express x16 slot (PCIEX16), 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x4 (PCIEX4)

Audio & Video

Audio Chipset	Realtek Audio CODEC
Audio Channel	2/4/5.1/7.1

Network & Connectivity

LAN Chipset	Realtek 2.5GbE LAN chip
LAN Speed (Mbps)	10/ 100/ 1000/ 2500 Mbps
WiFi	Yes
WiFi Technology	Realtek Wi-Fi 6E RTL8852CE
Bluetooth	Bluetooth 5.3

Ports

USB Port	4 x USB 2.0/1.1 Type-A, 2 x USB 3.2 Gen 1 Type-A, 1 x USB 3.2 Gen 2 Type-A, 1 x USB Type-C port, with USB 3.2 Gen 2
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	2
SATA Port	4 x SATA
Thunderbolt	No

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TPM Port 1

Technical Info

Back-Connect Design No

Cable Management Front

Heatsink Yes

CrossFire Support No

Sli Support No

Raid Support 0, 1, 5, 10

RGB Support ARGB

RGB Connector 3 x addressable RGB Gen2 LED strip headers, 1 x RGB LED strip header

Approx. Power Consumption 60W

Form Factor Micro-ATX

Bios Information

BIOS Type 1 x 256 Mbit flash

BIOS Model AMI UEFI BIOS

BIOS Version PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Compatibility

Supported Operating System Windows 10, 11

Compatible Products AMD Socket AM5, support for: AMD Ryzen 9000/ 8000/ 7000 Series Processors.

Warranty

Warranty Details 3 year

Feature H/W Monitoring: Voltage detection, Temperature detection, Fan speed detection, Water cooling flow rate detection, Fan fail warning, Fan speed control.

Others High Definition Audio, WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands, Internal I/O Connectors: 1 x 24-pin ATX main power connector, 1 x 8-pin ATX 12V power connector, 1 x CPU fan header, 1 x CPU fan/water cooling pump header, 1 x system fan header, 1 x system fan/water cooling pump header, 1 x front panel header, 1 x front panel audio header, 1 x reset button, 1 x reset jumper, 1 x Clear CMOS jumper, Back Panel Connectors: 1 x Q-Flash Plus button, 1 x PS/2 keyboard/mouse port, 1 x RJ-45 port, 2 x antenna connectors (2T2R), I/O Controller: iTE I/O Controller Chip.

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