

SPECIFICATIONS



Gigabyte B650M GAMING X AX (Wi-Fi 6E) DDR5 Motherboard

Regular Price 28,210

Special Price 26,500

ID: 02.02.018.508

General

Brand	Gigabyte
Model	Gigabyte B650M GAMING X AX (Wi-Fi 6E)
Body Color	Black & Grey

CPU

Chipset Brand	AMD
Chipset	AMD B650
Sockets Supported	AM5
Built-in Processor	No
Supported CPU	Ryzen 7000 / Ryzen 8000 Series Processors
Generation	Not Applicable

Memory Support

Memory Type	DDR5
Memory MHz	8000(OC)/ 7800(OC)/ 7600(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5600(OC)/ 5200/ 4800 MT/s memory modules, non-ECC Un-buffered DIMM
Memory Channel	Dual
Memory Slot	4
Memory Max.	192GB
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 (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 25110/2580 SSDs),(1 x M.2 (M2B_CPU), integrated in the CPU, supporting Socket 3, M key, type 25110/2580 SSDs))

IDB BHABAN - DHAKA 123 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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Graphics

Graphics	Integrated
Graphics Chipset	AMD Radeon Graphics support
Multi-GPU Support	No
PCI Express Slot	1 x PCI Express x16 slot (PCIEX16), integrated in the CPU, 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1 (PCIEX1)

Audio & Video

Audio Chipset	Realtek Audio CODEC
Audio Channel	7.1

Network & Connectivity

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

Ports

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

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TPM Port	1
COM Port	No

Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	No
FireWire	No
CrossFire Support	No
Sli Support	No
Raid Support	0 , 1 , 10
RGB Support	RGB
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, Windows 11
Compatible Products	Ryzen 5 8600G, Ryzen 5 7500F, Ryzen 5 7600, Ryzen 7 7700, Ryzen 5 7600X, Ryzen 7000/ Ryzen 8000 Series

Warranty

Warranty Details	3 year
Feature	AMD Socket AM5: Supports AMD Ryzen 7000 Series Processors, Unparalleled Performance: Direct 6+2+1 Phases Digital VRM Solution, Dual Channel DDR5: 4 x SMD DIMMs with AMD EXPO & Intel XMP Memory Module Support, SuperSpeed Storage: 2 x PCIe 4.0 x4 M.2 Connectors, Advanced Thermal Design & M.2 Thermal Guard: To Ensure VRM Power Stability & 25110 M.2 SSD Performance, EZ-Latch: PCIe x16 Slot & M.2 Connectors with Quick Release & Screwless Design, Fast Networks: 2.5GbE LAN & Wi-Fi 6E 802.11ax, Extended Connectivity: 2 x DP, HDMI, Smart Fan 6: Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP, Q-Flash Plus: Update BIOS Without Installing the CPU, Memory and Graphics Card

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