

SPECIFICATIONS



Gigabyte X870 GAMING (Wi-Fi 6) DDR5 AMD Motherboard

Regular Price 35,050
Special Price 32,500

ID: 02.02.018.555

General

Brand	Gigabyte
Model	Gigabyte X870 GAMING (Wi-Fi 6)
Body Color	Black

CPU

Chipset Brand	AMD
Chipset	AMD X870
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(OC)/ 8000(OC)/ 7800(OC)/ 7600(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6666(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5600(OC)/ 5200/ 4800/ 4400 MHz
Memory Channel	Dual
Memory Slot	4
Memory Max.	256GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD	

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

M.2/SSD Expansion Slot Details	3 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 (M2C_SB), integrated in the Chipset, supporting Socket 3, M key, type 25110/22110/2580/2280 PCIe 4.0 x2 SSDs, 1 x M.2 connector (M2B_SB), integrated in the Chipset, supporting Socket 3, M key, type 25110/22110/2580/2280 PCIe 4.0 x4/x2 SSDs)
M.2/SSD Slot Gen	Up to Gen 5

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Graphics

Graphics	Integrated
Graphics Chipset	AMD Radeon Graphics support
PCI Express Slot	1 x PCI Express x16 slot (PCIEX16), 2 x PCI Express x16 slots, supporting PCIe 3.0 and running at x1 (PCIEX1_1/2)

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/ 2500Mbps
WiFi	No
WiFi Technology	Realtek Wi-Fi 6 RTL8851BE (PCB rev. 1.0)
Bluetooth	Bluetooth 5.3

Ports

USB Port	4 x USB 2.0/1.1 Type-A, 3 x USB 3.2 Gen 1 Type-A, 1 x USB 3.2 Gen 2 Type-A, 2 x USB4 USB Type-C ports (DisplayPort (Note))
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	No
SATA Port	4 x SATA
Thunderbolt	No
TPM Port	1
COM Port	No

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Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	No
CrossFire Support	No
Sli Support	No
Raid Support	0, 1, 5, 10
RGB Support	ARGB
RGB Connector	1 x RGB LED strip header, 3 x addressable RGB Gen2 LED strip headers
Approx. Power Consumption	70W
Form Factor	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	AM5 Socket Amd Ryzen 7000/ Ryzen 8000/ Ryzen 9000 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, Support for GIGABYTE Control Center (GCC), Support for Q-Flash, Support for Q-Flash Plus, Support for Smart Backup.
Others	Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules, Support for AMD EXTENDED Profiles for Overclocking (AMD EXPO) and Extreme Memory Profile (XMP) memory modules, High Definition Audio, WIFI a, b, g, n, ac, ax, supporting 2.4/5 GHz carrier frequency bands, Support for 11ax 80MHz wireless standard, Internal I/O Connectors: 1 x 24-pin ATX main power connector, 1 x 8-pin ATX 12V power connector, 1 x 4-pin ATX 12V power connector, 1 x CPU fan header, 1 x CPU fan/water cooling pump header, 4 x system fan headers, 1 x front panel header, 1 x front panel audio header, 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only), 1 x reset jumper, 1 x Clear CMOS jumper, Back Panel Connectors: 1 x Q-Flash Plus button, 2 x SMA antenna connectors (2T2R), 1 x HDMI port (Note), 1 x RJ-45 port, 3 x audio jacks, iTE I/O Controller Chip.
Country Of Origin	Taiwan

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