

SPECIFICATIONS



Gigabyte B840M DS3H DDR5 AMD AM5 Socket Motherboard

Regular Price 20,070
Special Price 19,000

ID: 02.02.018.601

General

Brand	Gigabyte
Model	Gigabyte B840M DS3H
Body Color	Black & Grey

CPU

Chipset Brand	AMD
Chipset	AMD B840
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(OC) / 7000(OC) / 6800(OC) / 6666(OC) / 6600(OC) / 6400(OC) / 6200(OC) / 6000(OC) / 5600(OC) / 5200 / 4800 / 4400 MT/s
Memory Channel	Dual
Memory Slot	4
Memory Slot (Additional Info)	4 x DDR5 DIMM
Memory Max.	256GB
Memory Max. (Additional Info)	4 x DDR5 DIMM sockets supporting up to 256GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
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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

Ryans reserves right to change information including price any time.

M.2/SSD Expansion Slot Details	2 x M.2 Slot (1 x M.2 connector (M2A_CPU), , integrated in the CPU, supporting Socket 3, M key, type 2580/2280 SSDs, 1 x M.2 connector (M2B_CPU), integrated in the CPU, supporting Socket 3, M key, type, type 25110/22110/2580/2280 SSDs)
M.2/SSD Slot Gen	Up to Gen 4

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 x16 slot, supporting PCIe 3.0 and running at x4 (PCIEX4)

Audio & Video

Audio Chipset	Realtek Audio CODEC, High Definition Audio
Audio Channel	2/4/5.1/7.1

Network & Connectivity

LAN Chipset	Realtek 2.5GbE LAN chip
LAN Speed (Mbps)	2.5 Gbps/1 Gbps/100 Mbps
WiFi	No
Bluetooth	No

Ports

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

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Thunderbolt	No
TPM Port	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)

Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	Yes
CrossFire Support	No
Sli Support	No
Raid Support	RAID 0, 1, 5, 10 support for NVMe SSD storage devices (RAID 5 is only available on AMD Ryzen 9000 Series Processors.), RAID 0, 1, 10 support for SATA storage devices
RGB Support	ARGB
RGB Sync	RGB Fusion
RGB Connector	2 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 64-Bit
Compatible Products	AMD Ryzen 9000 Series Processors/ AMD Ryzen 8000 Series Processors/ AMD Ryzen 7000 Series Processors

Warranty

Warranty Details	3 year
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