

SPECIFICATIONS



Gigabyte B450M K (2.0) DDR4 AMD Motherboard

Regular Price 9,550

Special Price 8,900

ID: 02.02.018.551

General

Brand	Gigabyte
Model	Gigabyte B450M K (2.0)
Body Color	Black

CPU

Chipset Brand	AMD
Chipset	AMD B450
Sockets Supported	AM4
Built-in Processor	No
Supported CPU	AMD Ryzen 5000 Series Processors/ AMD Ryzen 5000 G-Series Processors/ AMD Ryzen 4000 G-Series Processors/ 3rd Generation AMD Ryzen processors/ 2nd Generation AMD Ryzen processors/ 1st Generation AMD Ryzen processors/ 2nd Generation Ryzen with Radeon Vega Graphics processors/ 1st Generation Ryzen with Radeon Vega Graphics processors/ Athlon with Radeon Vega Graphics Processors
Generation	Not Applicable

Memory Support

Memory Type	DDR4
Memory MHz	3600(O.C.)/ 3466(O.C.)/ 3200/ 2933/ 2667/ 2400/ 2133MHz
Memory Channel	Dual
Memory Slot	2
Memory Max.	64GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
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IDB BHABAN - DHAKA 123/5 ECS 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 12/50 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 55 513 971 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-4, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 971 **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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M.2/SSD Slot
Gen Up to Gen 3

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Graphics

Graphics	Integrated
Graphics Chipset	Integrated With Processor
Multi-GPU Support	No
PCI Express Slot	1 x PCI Express x16, 1 x PCI Express x1

Audio & Video

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

Network & Connectivity

LAN Chipset	Realtek GbE LAN chip
LAN Speed (Mbps)	10/ 100/ 1000Mbps
WiFi	No
Bluetooth	No

Ports

USB Port	4 x USB 3.2 Gen 1, 2 x USB 2.0/1.1
VGA Port	1
DVI Port	No
HDMI Port	1
DisplayPort (DP)	No
IDE Port	No
SATA Port	4 x SATA
Thunderbolt	No
TPM Port	1

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COM Port No

Technical Info

Back-Connect Design No

Cable Management Front

Heatsink No

CrossFire Support No

Sli Support No

Raid Support 0, 1, 10

RGB Support No

Approx. Power Consumption 60W

Form Factor Micro-ATX

Bios Information

BIOS Type 1 x 128 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 11, 10, 7

Warranty

Warranty Details 3 year

Feature H/W Monitoring: Voltage detection, Temperature detection, Fan speed detection, Fan fail warning, Fan speed control, Support for APP Center, Support for Q-Flash, Support for Xpress Install. GbE LAN with Bandwidth Management, 8-Channel HD Audio with High Quality Audio Capacitors, Smart Fan 5 features 5 Temperature Sensors and 2 Hybrid Fan Headers.

Others Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode), Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules, Support for Extreme Memory Profile (XMP) memory modules, High Definition Audio, 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 system fan header, 1 x front panel header, 1 x front panel audio header, 1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only), 1 x speaker header, 1 x Clear CMOS jumper, 1 x chassis intrusion header, Back Panel Connectors: 1 x PS/2 keyboard/mouse port, 1 x D-Sub port, 1 x RJ-45 port, 3 x audio jacks.

Country Of Origin Taiwan

Made in/ Assemble China

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