

SPECIFICATIONS



MAXSUN Challenger B450M DDR4 AMD Motherboard #MS-Challenger B450M

Regular Price 8,250

Special Price 7,600

ID: 02.02.970.10

General

Brand	Maxsun
Model	Maxsun Challenger B450M
Body Color	Black
Part No	MS-Challenger B450M

CPU

Chipset Brand	AMD
Chipset	AMD B450
Sockets Supported	AM4
Built-in Processor	No
Supported CPU	AMD Ryzen 5000 G-Series Processors/ AMD Ryzen 5000 Series Processors/ AMD Ryzen 4000 G-Series Processors/ AMD Ryzen 3000 Series Processors
Generation	Not Applicable

Memory Support

Memory Type	DDR4
Memory MHz	3200(OC)/ 2933(OC)/ 2666(OC)/ 2400(OC) MHz
Memory Channel	Dual
Memory Slot	2
Memory Slot (Additional Info)	Supports AMD A-XMP OC Supports Dual-Controller Dual-Channel mode
Memory Max.	64GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD Expansion Slot	1

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	1 x M.2 (1 x M.2 slot (Key M))type 2242/2280 supports PCIe 4.0 x4 mode)
M.2/SSD Slot Gen	Up to Gen 4

Graphics

Graphics	Integrated
Graphics Chipset	Integrated With Processor
Multi-GPU Support	No
PCI Express Slot	1 x PCIe 3.0 x16 slot, 1 x PCIe 3.0 x1 slot

Audio & Video

Audio Chipset	Realtek ALC897 Codec
Audio Channel	5.1

Network & Connectivity

LAN Chipset	Realtek RTL8111H
LAN Speed (Mbps)	10/100/1000Mbps
WiFi	No
Bluetooth	No

Ports

USB Port	2 x USB 3.2 Gen1 Type-A, 2 x USB 2.0 Type-A
VGA Port	1
DVI Port	No
HDMI Port	1
DisplayPort (DP)	No
SATA Port	4 x SATA
Thunderbolt	No

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TPM Port	No
COM Port	1

Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	No
FireWire	No
CrossFire Support	No
Sli Support	No
Raid Support	0, 1, 5 10
RGB Support	No
RGB Connector	No
Approx. Power Consumption	60W
Form Factor	Micro-ATX

Compatibility

Supported Operating System	Windows 10, 11
Compatible Products	Compatible with AM4 Socket AMD Ryzen 5000 Series/ Ryzen 5000 G-Series/ Ryzen 4000 G-Series and Ryzen 3000 Series Processors

Warranty

Warranty Details	3 Year Replacement
Feature	5 phase power supply, Full load R5 5600/4500/3600, Full speed M.2, Support NVMe/SATA protocol, Memory overclocking, Dual channel 2 DIMM, Support VGA maximum resolution of 2048x1536 50Hz, 2048x1280 60Hz, 1920x1200 60Hz, HDMI port supports up to 4K@30Hz.
Others	INTERNAL I/O: (1x 24-pin Power Connector(ATX_PWR) 1x 4-pin Power Connector(CPU_PWR) 1x CPU Fan 1x System Fan 1x PS/2 interface 1x 4-Pin SPEAKER 1x Front Audio 1x COM_A Port 1x 9-Pin DEBUG_CON 1x CLR CMOS).
Country Of Origin	China
Made in/ Assemble	China

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