GIGABYTE

GIGABYTE B450M DS3H V2 motherboard AMD B450 Socket AM4 micro ATX

Brand : GIGABYTE

Product code: B450M DS3H V2

Product name : B450M DS3H V2

- Supports AMD 3rd Gen Ryzen™/ 2nd Gen Ryzen™/ 1st Gen Ryzen™/ 2nd Gen Ryzen™ with Radeon™ Vega Graphics/ 1st Gen Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors
- Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs
- Feature Digital VRM Solution with Low RDS(on) MOSFETs
- HDMI, DVI-D Ports for Multiple Display
- Ultra-Fast PCIe Gen3 x4 M.2 with PCIe NVMe & SATA mode support
- High Quality Audio Capacitors and Audio Noise Guard with LED Trace Path Lighting
- GIGABYTE Exclusive 8118 Gaming LAN with Bandwidth Management
- RGB Fusion supports RGB LED Strips in 7-Colors
- Smart Fan 5 Features 5 Temperature Sensors and 2 Hybrid Fan Headers with FAN STOP
- APP Center Including EasyTune™ and Cloud Station™ Utilities
- CEC 2019 Ready, Save Power with a Simple Click

Socket AM4, AMD B450 Chipset, 4 x DDR4-SDRAM up to 128GB, LAN, 1 x RJ-45, 4 x SATA III, 1 x M.2(M), UEFI AMI, Micro ATX

Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 2000 Series, AMD Ryzen 3000 Series

Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Supported memory clock speeds	2133,2400,2667,2933 MHz
Maximum internal memory *	128 GB

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
RAID levels	0, 1, 10

Graphics	
Parallel processing technology support *	2-Way CrossFireX, Quad-GPU CrossFireX

Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
S/PDIF out connector	✓
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
TPM connector	✓
Serial port headers	1
12V power connector	✓
RGB LED pin header	✓

Rear panel I/O ports	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
DVI-D ports quantity *	1

Network	
Ethernet LAN	✓
Ethernet interface type	100 Gigabit Ethernet, Gigabit Ethernet
Wi-Fi *	✗

Features	
Motherboard chipset *	AMD B450
Audio chip	Realtek ALC887
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64

Expansion slots	
PCI Express x1 slots	1
PCI Express x16 slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	1

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	✓
Desktop Management Interface (DMI) version	2.7

Rear panel I/O ports	
USB 2.0 ports quantity *	4

BIOS	
System Management BIOS (SMBIOS) version	2.7
Logistics data	
Harmonized System (HS) code	84733020
Weight & dimensions	
Width	244 mm
Depth	215 mm

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