GIGABYTE

Gigabyte GA-B450M-DS3H-WIFI AMD B450 Socket AM4 micro ATX
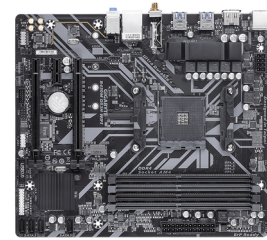
Brand : Gigabyte

Product code: B450M DS3H WIFI (REV.1.X)

Product name : GA-B450M-DS3H-WIFI

Socket AM4, AMD B450, 4 x DDR4 (128GB max.), 0/1/10 (RAID), 1 x RJ-45, 4 x SATA 3, 1 x M.2 (M), UEFI AMI (128MB), Micro ATX, WIFI
Gigabyte GA-B450M-DS3H-WIFI. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Parallel processing technology support: 2-Way CrossFireX, Quad-GPU CrossFireX, Maximum graphics card memory: 16000 MB, Maximum resolution: 4096 x 2160 pixels. USB connector type: USB Type-A

Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, 3rd Generation AMD Ryzen 5
Maximum number of SMP processors	1
Supported processor sockets	Socket AM4

Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Supported memory clock speeds	2133,2400,2667,2933,3200,3466,3600 MHz
Maximum internal memory *	128 GB
Supported memory module capacities	4GB, 8GB, 16GB, 32GB
Unbuffered memory	✓

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

Graphics	
Maximum graphics card memory	16000 MB
Parallel processing technology support *	2-Way CrossFireX, Quad-GPU CrossFireX
Maximum resolution	4096 x 2160 pixels
HDCP	✓
Discrete graphics support	✓

Internal I/O	
RGB LED pin header	✓

Rear panel I/O ports	
USB 2.0 ports quantity *	4
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
HDMI version	2.0
DVI-D ports quantity *	1
USB connector type	USB Type-A

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

Features	
Motherboard chipset *	AMD B450
Audio chip	Realtek ALC887
Audio output channels *	7.1 channels
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Power source type	ATX
Supported processor sockets (cooler)	Socket AM4
Windows operating systems supported	Windows 10 x64

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

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	✔

BIOS

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

Weight & dimensions

Width	244 mm
Depth	215 mm

Packaging content

Bundled software	Norton Internet Security, cFosSpeed

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