GIGABYTE

Gigabyte B550M DS3H AC (rev. 1.5/1.6) AMD B550 Socket AM4 micro ATX

Brand : Gigabyte   **Product code:** B550M DS3H AC

Product name : B550M DS3H AC (rev. 1.5/1.6)

- Supports AMD Ryzen 5000 Series/ Ryzen 5000 G-Series/ Ryzen 4000 G-Series and Ryzen 3000 Series Processors
- Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
- 5+3 Phases Pure Digital VRM Solution with Low RDS(on) MOSFETs
- Ultra Durable PCIe 4.0 Ready x16 Slot
- Dual Ultra-Fast NVMe PCIe 4.0/3.0 M.2 Connectors
- Onboard Dual Band 802.11ac Wireless & BT Support with WIFI Antenna
- High Quality Audio Capacitors and Audio Noise Guard for Ultimate Audio Quality
- Realtek GbE LAN with Bandwidth Management
- Rear DisplayPort, HDMI & DVI for Multi-display Support
- Smart Fan 5 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
- Anti-Sulfur Resistors Design
m-ATX, AM4, AMD B550, 4 x DDR4 DIMM max 128 GB, DVI-D, DisplayPort, HDMI 2.1, 1 Gbps LAN, WIFI 802.11a,b g,n,ac, BT 4.2, PCIe 3.0 x16, PCIe 3.0 x1

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	3rd Generation AMD Ryzen 5, AMD Ryzen 5 5th Gen, AMD Ryzen 7 5th Gen, AMD Ryzen 9 5th Gen

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Supported memory clock speed (max)	4733 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive interfaces *	M.2, SATA III
RAID support	✓
RAID levels	0, 1, 10

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	4
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
Power fan connector	✓
CPU fan connector	✓
TPM connector	✓
12V power connector	✓

Rear panel I/O ports

HDMI ports quantity *	1
HDMI version	2.1
DVI-D ports quantity *	1
DisplayPorts quantity	1
Digital audio optical out	3

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
WLAN controller model	Realtek RTL8821CE
Bluetooth	✓
Bluetooth version	4.2

Features

Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x1 slots	1
PCI Express x1 (Gen 3.x) 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

Rear panel I/O ports		**BIOS**	
USB 2.0 ports quantity *	4	Clear CMOS jumper	✔
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	**Weight & dimensions**	
Ethernet LAN (RJ-45) ports *	1	Width	244 mm
PS/2 ports quantity	1	Depth	244 mm

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