GIGABYTE

GIGABYTE B550M DS3H AC Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 5+3 Phases Pure Digital VRM, up to 4733MHz DDR4 (OC), 2xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen1

Brand : GIGABYTE

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Product code: B550M DS3H AC

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

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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.
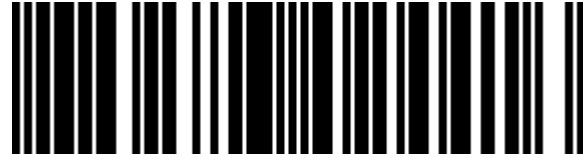
Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series
Supported processor sockets	Socket AM4
Maximum internal memory supported by processor	128 GB

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4733 MHz
Supported memory clock speed (max)	4733 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
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	✓
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✗
Maximum resolution	4096 x 2160 pixels
HDCP	✓
DirectX version	12.0

Rear panel I/O ports

Headphone outputs	1
Microphone in	✓
Digital audio optical out	3
USB connector type	USB Type-A

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
WLAN controller model	Realtek RTL8822CE
Bluetooth	✓
Bluetooth version	4.2

Features

Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
Product colour	Brown
PC health monitoring	CPU, Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64
Compatible operating systems	Windows 10 64-bit

Expansion slots

PCI Express x1 slots	1
PCI Express x1 (Gen 3.x) slots	1
PCI Express x4 slots	1
PCI Express x16 slots	1

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Total number of SATA connectors	4
Number of Parallel ATA connectors	1
Audio connector	✔
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
Power fan connector	✔
CPU fan connector	✔
EPS power connector (8-pin)	✔
TPM connector	✔
Parallel connector	✔
12V power connector	✔

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	2.1
DVI-D ports quantity *	1
DisplayPorts quantity	1
DisplayPort version	1.4

Expansion slots

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

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

Logistics data

Country of origin	China
Products per shipping (inner) case	1 pc(s)

Battery

Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data

Package width	270 mm
Package depth	268 mm
Package height	68 mm
Package weight	1.09 kg

Weight & dimensions

Width	244 mm
Depth	244 mm
Height	35 mm

Packaging content

Batteries included	✔
Bundled software	Norton® Internet Security LAN bandwidth management software

Technical details

Warranty period	3 year(s)

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