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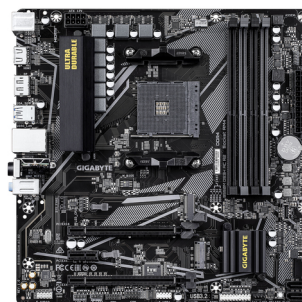
GIGABYTE B550M DS3H AC R2 Motherboard - AMD Ryzen 5000 CPUs, 5+3 Phases VRM, up to 4733MHz DDR4 (O.C.), 1xPCIe 4.0 + 1xPCIe 3.0 M.2, Wi-Fi 5, 1GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: B550M DS3H AC R2

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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

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series
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 compatibility	ECC & Non-ECC
Supported memory clock speeds	4733,4600,4400,4266,4133,4000,3866,3733,3600,3466,3400,3200,2933,2667,2400,2133 MHz
Supported memory clock speed (max)	4733 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔
Maximum internal memory per slot	32 GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, 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	5120 x 2880 pixels
HDCP	✔
DirectX version	12.0

Internal I/O

USB 2.0 connectors *	1

Network

Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
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 RTL8821CE
Bluetooth	✔
Bluetooth version	5.0

Features

Motherboard chipset *	AMD B550
Audio chip	Realtek ALC1220-VB
Audio output channels *	7.1 channels
Product colour	Dark brown
PC health monitoring	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

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	4.0
2nd M.2 largest key size	2280
2nd M.2 highest PCI Express generation	3.0

Internal I/O			**BIOS**	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		BIOS type *	UEFI AMI
Number of SATA III connectors *	4		BIOS memory size	128 Mbit
Front panel audio connector	✔		ACPI version	5.0
Front panel connector	✔		Clear CMOS jumper	✔
ATX Power connector (24-pin)	✔		Desktop Management Interface (DMI) version	2.7
CPU fan connector	✔		System Management BIOS (SMBIOS) version	2.7
Number of CPU fan connectors	1			
Number of chassis fan connectors	2		**Logistics data**	
EPS power connector (8-pin)	✔		Products per shipping (inner) case	1 pc(s)
Number of EPS power connectors (8-pin)	1		**Battery**	
TPM connector	✔		Battery weight	3 g
Serial port headers	1		Lithium weight per battery	0.07 g
RGB LED pin header	✔		Number of battery cells	1
Number of RGB LED pin headers	5		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Rear panel I/O ports			Battery type	CR2032
USB 2.0 ports quantity *	2		**Packaging data**	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		Package width	270 mm
Ethernet LAN (RJ-45) ports *	1		Package depth	268 mm
PS/2 ports quantity	1		Package height	68 mm
HDMI ports quantity *	1		Package weight	1.07 kg
HDMI version	2.1		**Weight & dimensions**	
DisplayPorts quantity	1		Width	244 mm
DisplayPort version	1.4		Depth	244 mm
Headphone outputs	1		Height	35 mm
Line-in	✔		**Packaging content**	
Microphone in	✔		Batteries included	✔
WiFi-AP antenna jack	2		Antenna included	✔
Network			Screws included	✔
Ethernet LAN	✔		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
			Other features	
			Weight	980 g
			Technical details	
			Warranty period	3 year(s)

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