

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		Network	
Processor manufacturer *	AMD	Ethernet interface type	Gigabit Ethernet
Processor socket *	Socket AM4	LAN controller	Realtek RTL8111H
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series	Wi-Fi *	✓
Supported processor sockets	Socket AM4	Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Memory		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11n), Wi-Fi 5 (802.11ac)
Supported memory types *	DDR4-SDRAM	WLAN controller model	Realtek RTL8821CE
Number of memory slots *	4	Bluetooth	✓
Memory slots type	DIMM	Bluetooth version	5.0
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		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD B550
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III	Audio chip	Realtek ALC1220-VB
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	6	Product colour	Dark brown
RAID support	✓	PC health monitoring	Fan, Temperature, Voltage
RAID levels	0, 1, 10	Component for *	PC
Graphics		Motherboard form factor *	micro ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD
Maximum resolution	5120 x 2880 pixels	Cooling type	Passive
HDCP	✓	Power source type	ATX
DirectX version	12.0	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Internal I/O		Expansion slots	
USB 2.0 connectors *	1	PCI Express x1 (Gen 3.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 3.x) slots	1
Number of SATA III connectors *	4	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	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	128 Mbit
ATX Power connector (24-pin)	✓	ACPI version	5.0
CPU fan connector	✓	Clear CMOS jumper	✓
Number of CPU fan connectors	1	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	2	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
Number of EPS power connectors (8-pin)	1	Products per shipping (inner) case	1 pc(s)
TPM connector	✓	Battery	
Serial port headers	1	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Number of RGB LED pin headers	5	Number of battery cells	1
Rear panel I/O ports		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 ports quantity *	2	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	270 mm
PS/2 ports quantity	1	Package depth	268 mm
HDMI ports quantity *	1	Package height	68 mm
HDMI version	2.1	Package weight	1.07 kg
DisplayPorts quantity	1	Weight & dimensions	
DisplayPort version	1.4	Width	244 mm
Headphone outputs	1	Depth	244 mm
Line-in	✓	Height	35 mm
Microphone in	✓	Packaging content	
WiFi-AP antenna jack	2	Batteries included	✓
Network		Antenna included	✓
Ethernet LAN	✓	Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
Other features		Technical details	
		Weight	980 g
		Warranty period	3 year(s)



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