

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

Product code: B550M DS3H AC

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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		Rear panel I/O ports	
Processor manufacturer *	AMD	Headphone outputs	1
Processor socket *	Socket AM4	Microphone in	✓
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	Digital audio optical out	3
Supported processor sockets	Socket AM4	USB connector type	USB Type-A
Maximum internal memory supported by processor	128 GB	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR4-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	4	Wi-Fi *	✓
Memory slots type	DIMM	Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Memory channels	Dual-channel	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
ECC compatibility	ECC & Non-ECC	WLAN controller model	Realtek RTL8822CE
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4733 MHz	Bluetooth	✓
Supported memory clock speed (max)	4733 MHz	Bluetooth version	4.2
Maximum internal memory *	128 GB	Features	
Supported memory module capacities	4GB, 8GB, 16GB, 32GB	Motherboard chipset *	AMD B550
Unbuffered memory	✓	Audio output channels *	7.1 channels
Storage controllers		Product colour	Brown
Supported storage drive types	HDD & SSD	PC health monitoring	CPU, Fan, Temperature, Voltage
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	6	Motherboard chipset family *	AMD
RAID support	✓	Cooling type	Passive
RAID levels	0, 1, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Parallel processing technology support *	Not supported	Compatible operating systems	Windows 10 64-bit
On-board graphics card	✗		

Graphics		Expansion slots	
Maximum resolution	4096 x 2160 pixels	PCI Express x1 slots	1
HDCP	✓	PCI Express x1 (Gen 3.x) slots	1
DirectX version	12.0	PCI Express x4 slots	1
Internal I/O		PCI Express x16 slots	1
USB 2.0 connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	2
Number of SATA III connectors *	4	BIOS	
Total number of SATA connectors	4	BIOS type *	UEFI AMI
Number of Parallel ATA connectors	1	BIOS memory size	128 Mbit
Audio connector	✓	ACPI version	5.0
Front panel audio connector	✓	Clear CMOS jumper	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Power fan connector	✓	Logistics data	
CPU fan connector	✓	Country of origin	China
EPS power connector (8-pin)	✓	Products per shipping (inner) case	1 pc(s)
TPM connector	✓	Battery	
Parallel connector	✓	Battery weight	3 g
12V power connector	✓	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	4	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
PS/2 ports quantity	1	Package width	270 mm
HDMI ports quantity *	1	Package depth	268 mm
HDMI version	2.1	Package height	68 mm
DVI-D ports quantity *	1	Package weight	1.09 kg
DisplayPorts quantity	1	Weight & dimensions	
DisplayPort version	1.4	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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