

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



Brand : GIGABYTE

Product code: B550M DS3H R2

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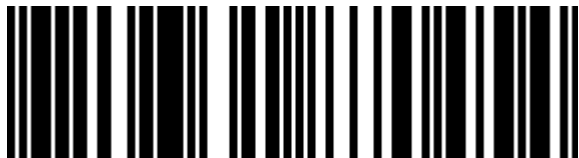
- AMD Socket AM4 Supports AMD Ryzen 5000 / 4000 / 3000 Series Processors
 - Digital 5+3 phases VRM solution
 - Dual Channel DDR4: 4*DIMMs
 - EZ-Latch PCIe slots with Quick Release Design
 - Ultra-Fast Storage: 2*M.2 slots, including PCIe 4.0 x1
 - Efficient Thermal: VRM Thermal Armor Advanced
 - Fast Networking: GbE LAN
 - Extended Connectivity: HDMI, Displayport
 - PCIe UD Slot: PCIe 4.0 x16 slots with 10X strength for graphics card & Better Heat dissipation effect
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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 LAN	✓
Processor socket *	Socket AM4	Ethernet interface type	Gigabit Ethernet
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series	LAN controller	Realtek RTL8111H
Supported processor sockets	Socket AM4	Wi-Fi *	✗
Memory		Features	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	AMD B550
Number of memory slots *	4	Audio chip	Realtek ALC1220-VB
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Dark brown
ECC compatibility	ECC & Non-ECC	PC health monitoring	Fan, Temperature, Voltage
Supported memory clock speeds	4733,4600,4400,4266,4133,4000,3866,3733,3600,3466,3400,3200,2933,2667,2400,2133 MHz	Component for *	PC
Supported memory clock speed (max)	4733 MHz	Motherboard form factor *	micro ATX
Maximum internal memory *	128 GB	Motherboard chipset family *	AMD
Unbuffered memory	✓	Cooling type	Passive
Maximum internal memory per slot	32 GB	Power source type	ATX
Storage controllers		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive types	HDD & SSD	Expansion slots	
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III	PCI Express x1 (Gen 3.x) slots	1
Number of HDDs supported	4	PCI Express x16 (Gen 3.x) slots	1
Number of storage drives supported	6	PCI Express x16 (Gen 4.x) slots	1
RAID support	✓	Number of M.2 (M) slots	2
RAID levels	0, 1, 10	1st M.2 largest key size	2280
Graphics		1st M.2 highest PCI Express generation	4.0
Parallel processing technology support *	Not supported	2nd M.2 largest key size	2280
Maximum resolution	5120 x 2880 pixels	2nd M.2 highest PCI Express generation	3.0
HDCP	✓		
DirectX version	12.0		

Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS memory size	128 Mbit
Number of SATA III connectors *	4	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
CPU fan connector	✓	Logistics data	
Number of CPU fan connectors	1	Products per shipping (inner) case	1 pc(s)
Number of chassis fan connectors	2	Battery	
EPS power connector (8-pin)	✓	Battery weight	3 g
Number of EPS power connectors (8-pin)	1	Lithium weight per battery	0.07 g
TPM connector	✓	Number of battery cells	1
Serial port headers	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
RGB LED pin header	✓	Battery type	CR2032
Number of RGB LED pin headers	5	Packaging data	
Rear panel I/O ports		Package width	265 mm
USB 2.0 ports quantity *	2	Package depth	265 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package height	54 mm
Ethernet LAN (RJ-45) ports *	1	Package weight	947 g
PS/2 ports quantity	1	Weight & dimensions	
HDMI ports quantity *	1	Width	244 mm
HDMI version	2.1	Depth	244 mm
DisplayPorts quantity	1	Height	35 mm
DisplayPort version	1.4	Packaging content	
Headphone outputs	1	Batteries included	✓
Line-in	✓	Screws included	✓
Microphone in	✓	Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	870 g
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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