

GIGABYTE B550 Gaming X V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 10+3 Phases Digital Twin Power Design, up to 4733MHz DDR4 (OC), 2xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen1

Brand : GIGABYTE

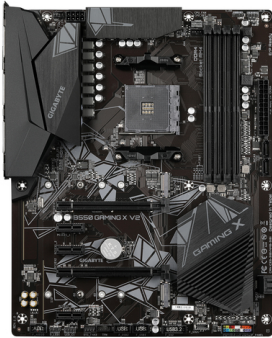
Product code: B550 GAMING X V2

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AMD AM4, AMD B550, 4 x DDR4 DIMM, Gigabit LAN, 7.1 Audio, 4 x SATA 6Gb/s, 1 x HDMI, 1 x RJ-45, ATX

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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	USB connector type	USB Type-A
Processor socket *	Socket AM4	Network	
Compatible processor series *	AMD Ryzen™ 3, 2nd Generation	Ethernet LAN	✓
	AMD Ryzen™ 3, 3rd Generation	Ethernet interface type	Gigabit Ethernet
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation	Wi-Fi *	✗
	AMD Ryzen™ 5, 3rd Generation	Features	
Maximum internal memory supported by processor	128 GB	Motherboard chipset *	AMD B550
Memory		Audio chip	Realtek ALC887
Supported memory types *	DDR4-SDRAM	Audio output channels *	7.1 channels
Number of memory slots *	4	Product colour	Brown
Memory slots type	DIMM	PC health monitoring	CPU, Fan, LED, Power supply, Temperature, Voltage
Memory channels	Dual-channel		
ECC	✓	Component for *	PC
Non-ECC	✓	Motherboard form factor *	ATX
Supported memory clock speeds	2133,2400,2667,2933,3200,3300,3333,3400,3466,3600,3733,3800,3866,4000,4266,4400,4733 MHz	Motherboard chipset family *	AMD
Supported memory clock speed (max)	4733 MHz	Cooling type	Active
Maximum internal memory *	128 GB	Power source type	ATX
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 16GB, 32GB	Supported processor sockets (cooler)	Socket AM4
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, SATA III	PCI Express x1 slots	3
Number of HDDs supported	4	PCI Express x1 (Gen 3.x) slots	3
Number of storage drives supported	6	PCI Express x16 slots	2
RAID support	✓	PCI Express x16 (Gen 3.x) slots	1
RAID levels	0, 1, 10	PCI Express x16 (Gen 4.x) slots	1
Graphics		Number of M.2 (M) slots	2
Maximum graphics card memory	16 MB	BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
On-board graphics card	✗	BIOS memory size	256 Mbit
Graphics card family	AMD	ACPI version	5.0
HDCP	✓	Clear CMOS jumper	✓
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Desktop Management Interface (DMI) version	2.7
Number of SATA III connectors *	4	System Management BIOS (SMBIOS) version	2.7
Total number of SATA connectors	4	Logistics data	
S/DPDIF out connector	✗	Country of origin	China
Front panel audio connector	✓	Products per shipping (inner) case	1 pc(s)
Front panel connector	✓	Harmonized System (HS) code	84733020
ATX Power connector (24-pin)	✓	Battery	
Power fan connector	✓	Battery weight	3 g
CPU fan connector	✓	Lithium weight per battery	0.07 g
TPM connector	✓	Number of battery cells	1
12V power connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
RGB LED pin header	✓	Battery type	CR2032
Rear panel I/O ports		Packaging data	
USB 2.0 ports quantity *	2	Package width	335 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package depth	270 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package height	80 mm
Ethernet LAN (RJ-45) ports *	1	Package weight	1.71 kg
PS/2 ports quantity	1	Weight & dimensions	
HDMI ports quantity *	1	Width	305 mm
HDMI version	2.1	Depth	244 mm
DVI-D ports quantity *	1	Height	35 mm
Headphone outputs	1	Packaging content	
Microphone in	✓	Batteries included	✓
		Other features	
		DVI port	✓
		Supported DIMM module capacities	32GB
		Weight	1.12 kg
		Technical details	
		Warranty period	3 year(s)



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