

Gigabyte B550M AORUS ELITE AX Motherboard - Supports AMD Ryzen 5000 CPUs, 5+3 Phases Pure Digital VRM, up to 4733MHz DDR5 (OC), 1xPCIe 4.0 M.2, Wi-Fi 6E, GbE LAN, USB 3.2 Gen 2

Brand : Gigabyte

Product code: B550M AORUS ELITE AX

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AMD B550, AMD AM4, 4x DDR4, DVI-D, HDMI, 1G LAN, M.2, SATA III, USB 3.2, PS.2, Micro ATX, 244x244 mm

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GIGABYTE B550 motherboards maximize your PC's potential with AMD StoreMI technology. StoreMI accelerates traditional storage devices to reduce boot times and enhance the overall user experience. This easy-to-use utility combines the speed of SSDs with the high capacity of HDDs into a single drive, enhances the read/write speeds of the device to match that of SSDs, bolsters data performance for incredible value, and transforms the everyday PC to a performance driven system.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB connector type	USB Type-A, USB Type-C
Processor socket *	Socket AM4	Network	
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	Ethernet LAN	✓
Maximum number of SMP processors	1	Ethernet interface type	Gigabit Ethernet
Supported processor sockets	Socket AM4	Wi-Fi *	✓
Maximum internal memory supported by processor	128 GB	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Supported memory types *	DDR4-SDRAM	WLAN controller model	Realtek RTL8852CE
Number of memory slots *	4	Bluetooth	✓
Memory slots type	DIMM	Bluetooth version	5.3
Memory channels	Dual-channel	Features	
ECC	✓	Motherboard chipset *	AMD B550
Non-ECC	✓	Audio output channels *	7.1 channels
Supported memory clock speeds MHz	2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4733	Product colour	Brown
Supported memory clock speed (max)	4733 MHz	PC health monitoring	Fan, Temperature, Voltage
Maximum internal memory *	128 GB	Component for *	PC
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Motherboard form factor *	micro ATX
Unbuffered memory	✓	Motherboard chipset family *	AMD
Storage controllers		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive types	HDD & SSD	Expansion slots	
Supported storage drive interfaces *	SATA III	PCI Express x1 (Gen 3.x) slots	1
Number of HDDs supported	4	PCI Express x16 slots	1
Number of storage drives supported	6	PCI Express x16 (Gen 4.x) slots	1
RAID levels	0, 1, 10	Number of M.2 (M) slots	2
Graphics		BIOS	
Maximum resolution	4096 x 2160 pixels	BIOS type *	UEFI AMI
HDCP	✓	BIOS memory size	128 Mbit
DirectX version	12.0	ACPI version	5.0
Internal I/O		Clear CMOS jumper	✓
USB 2.0 connectors *	1		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Desktop Management Interface (DMI) version	2.7
Number of SATA III connectors *	4	System Management BIOS (SMBIOS) version	2.7
Front panel audio connector	✓	Logistics data	
Front panel connector	✓	Country of origin	China
ATX Power connector (24-pin)	✓	Products per shipping (inner) case	1 pc(s)
CPU fan connector	✓	Battery	
Number of chassis fan connectors	2	Battery weight	3 g
TPM connector	✓	Lithium weight per battery	0.07 g
Serial port headers	1	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 *	4	Package width	265 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package depth	265 mm
Ethernet LAN (RJ-45) ports *	1	Package height	65 mm
PS/2 ports quantity	1	Package weight	1.27 kg
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Width	244 mm
DVI-D ports quantity *	1	Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security (OEM) Realtek 8118 Gaming LAN Bandwidth Control Utility
		Technical details	
		Warranty period	3 year(s)



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Publication date: 19-MAR-2024. Prints or copies of Information are only valid on the printed Publication date