

GIGABYTE B550M AORUS ELITE AX Motherboard - AMD Ryzen 5000 CPUs, 5+3 Phases VRM, up to 4733MHz DDR4, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, Wi-Fi 6E, 1GbE LAN, USB 3.2 Gen 1



Brand : GIGABYTE

Product code: B550M AORUS ELITE AX

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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
Maximum number of SMP processors	1	Wi-Fi *	✓
Supported processor sockets	Socket AM4	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
		Wi-Fi standards	Wi-Fi 6E (802.11ax)
		WLAN controller model	Realtek RTL8852CE
		Bluetooth	✓
		Bluetooth version	5.3
Memory		Features	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	AMD B550
Number of memory slots *	4	Audio chip	Realtek ALC897
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	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, 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	22110
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	4096 x 2160 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	1		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 highest PCI Express generation	3.0
Number of SATA III connectors *	4	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	Country of origin	China
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
Serial port headers	1	Battery	
12V power connector	✓	Battery weight	3 g
Number of water pump connectors	2	Lithium weight per battery	0.07 g
RGB LED pin header	✓	Number of battery cells	1
Number of RGB LED pin headers	5	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Rear panel I/O ports		Battery type	CR2032
USB 2.0 ports quantity *	4	Packaging data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package width	265 mm
Ethernet LAN (RJ-45) ports *	1	Package depth	265 mm
PS/2 ports quantity	1	Package height	65 mm
HDMI ports quantity *	1	Package weight	1.27 kg
HDMI version	2.1	Weight & dimensions	
DVI-D ports quantity *	1	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	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
Technical details		Warranty period	3 year(s)



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Catalog Object Cloud



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