

GIGABYTE B550 AORUS ELITE AX V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 12+2 Phases Digital Twin Power Design, up to 4733MHz DDR4 (OC), 2xPCIe 3.0 M.2, WiFi 6E, 2.5GbE LAN, USB 3.2 Gen1

Brand : GIGABYTE

Product code: B550 AORUS ELITE AX V2

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AMD B550 AORUS Motherboard with 12+2 Phases Digital Twin Power Design, Enlarged Surface Heatsinks, Dual PCIe 4.0/3.0 x4 M.2 with Dual Thermal Guards, Intel® WiFi 6 802.11ax, 2.5GbE LAN, Front USB Type-C™, RGB FUSION 2.0, Q-Flash Plus

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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	S/PDIF out port	✓
Processor socket *	Socket AM4	WiFi-AP antenna jack	2
Compatible processor series *	AMD Ryzen 3000 Series	Network	
Maximum number of SMP processors	1	Ethernet LAN	✓
Supported processor sockets	Socket AM4	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Maximum internal memory supported by processor	128 GB	Wi-Fi *	✓
Memory		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported memory types *	DDR4-SDRAM	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Number of memory slots *	4	WLAN controller model	Intel Wi-Fi 6E AX210
Memory slots type	DIMM	Bluetooth	✓
Memory channels	Dual-channel	Bluetooth version	5.2
ECC compatibility	ECC & Non-ECC	Features	
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4733 MHz	Motherboard chipset *	AMD B550
Supported memory clock speed (max)	4733 MHz	Audio chip	Realtek ALC1200
Maximum internal memory *	128 GB	Audio output channels *	7.1 channels
Supported memory module capacities	8GB, 16GB, 32GB	Product colour	Black
Unbuffered memory	✓	PC health monitoring	CPU, Fan, Temperature, Voltage
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	ATX
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset family *	AMD
Number of HDDs supported	4	Power source type	ATX
Number of storage drives supported	6	Supported processor sockets (cooler)	Socket AM4
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID levels	0, 1, 10	Expansion slots	
Graphics		PCI Express x1 (Gen 3.x) slots	1
Parallel processing technology support *	Not supported	PCI Express x16 slots	2
Maximum resolution	5120 x 2880 pixels	PCI Express x16 (Gen 4.x) slots	1
DirectX version	12.0	Number of M.2 (M) slots	2
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Number of SATA connectors	4	ACPI version	5.0
Total number of SATA connectors	4	Clear CMOS jumper	✓
Front panel audio connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel connector	✓	System Management BIOS (SMBIOS) version	2.7
ATX Power connector (24-pin)	✓	Logistics data	
CPU fan connector	✓	Country of origin	China
Number of chassis fan connectors	3	Products per shipping (inner) case	1 pc(s)
TPM connector	✓	Battery	
12V power connector	✓	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Battery type	CR2032
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	335 mm
HDMI ports quantity *	1	Package depth	270 mm
DisplayPorts quantity	1	Package height	80 mm
Headphone outputs	1	Package weight	1.89 kg
Microphone in	✓	Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Other features	
		Weight	1.12 kg
		Technical details	
		Warranty period	3 year(s)



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