

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

Product name : 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

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

[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:](#)

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	Microphone in	✓
Processor socket *	Socket AM4	S/PDIF out port	✓
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	WiFi-AP antenna jack	2
Maximum number of SMP processors	1	Network	
Supported processor sockets	Socket AM4	Ethernet LAN	✓
Maximum internal memory supported by processor	128 GB	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Memory		Wi-Fi *	✓
Supported memory types *	DDR4-SDRAM	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Number of memory slots *	4	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)
Memory slots type	DIMM	WLAN controller model	Intel Wi-Fi 6E AX210
Memory channels	Dual-channel	Bluetooth	✓
ECC	✓	Bluetooth version	5.2
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		

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	Number of M.2 (M) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
Number of SATA III connectors *	4	BIOS type *	UEFI AMI
Number of SATA connectors	4	BIOS memory size	256 Mbit
Total number of SATA 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 chassis fan connectors	3	Country of origin	China
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
12V power connector	✓	Battery	
RGB LED pin header	✓	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	2	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
HDMI ports quantity *	1	Package width	335 mm
DisplayPorts quantity	1	Package depth	270 mm
Headphone outputs	1	Package height	80 mm
		Package weight	1.89 kg
		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)



4719331809904



0889523023969



889523023969

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.