

## GIGABYTE B550 AORUS ELITE V2 Motherboard - AMD Ryzen 5000 CPUs, 12+2 Phases VRM, up to 4733MHz DDR4, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, 2.5GbE LAN, USB 3.2 Gen 2

**Brand :** GIGABYTE

**Product code:** B550 AORUS ELITE V2

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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		Rear panel I/O ports	
Processor manufacturer *	AMD	Microphone in	✓
Processor socket *	Socket AM4	S/PDIF out port	✓
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series	Network	
Maximum number of SMP processors	1	Ethernet LAN	✓
Supported processor sockets	Socket AM4	Ethernet interface type	2.5 Gigabit Ethernet
Memory		LAN controller	Realtek RTL8125
Supported memory types *	DDR4-SDRAM	Wi-Fi *	✗
Number of memory slots *	4	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD B550
Memory channels	Dual-channel	Audio chip	Realtek ALC897
ECC compatibility	ECC & Non-ECC	Audio output channels *	7.1 channels
Supported memory clock speeds	4733,4600,4400,4266,4133,4000,3866,3733,3600,3466,3400,3200,2933,2667,2400,2133 MHz	Product colour	Black
Supported memory clock speed (max)	4733 MHz	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Maximum internal memory *	128 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	ATX
Maximum internal memory per slot	32 GB	Motherboard chipset family *	AMD
Storage controllers		Cooling type	Passive
Supported storage drive types	HDD & SSD	Power source type	ATX
Supported storage drive interfaces *	M.2, SATA III	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	4	Expansion slots	
Number of storage drives supported	6	PCI Express x1 (Gen 3.x) slots	1
RAID support	✓	PCI Express x16 (Gen 3.x) slots	2
RAID levels	0, 1, 10	PCI Express x16 (Gen 4.x) slots	1
Graphics		Number of M.2 (M) slots	2
Parallel processing technology support *	Not supported	1st M.2 largest key size	22110
Maximum resolution	5120 x 2880 pixels	1st M.2 highest PCI Express generation	4.0
HDCP	✓		
DirectX version	12.0		

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	2nd M.2 largest key size	22110
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	2nd M.2 highest PCI Express generation	3.0
Number of SATA III connectors *	4	<b>BIOS</b>	
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	3	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	<b>Logistics data</b>	
Number of EPS power connectors (8-pin)	1	Country of origin	China
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
12V power connector	✓	Harmonized System (HS) code	84733020
Number of water pump connectors	4	<b>Battery</b>	
RGB LED pin header	✓	Battery weight	3 g
Number of RGB LED pin headers	5	Lithium weight per battery	0.07 g
<b>Rear panel I/O ports</b>		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	<b>Packaging data</b>	
Ethernet LAN (RJ-45) ports *	1	Package width	335 mm
HDMI version	2.1	Package depth	270 mm
DisplayPorts quantity	1	Package height	80 mm
DisplayPort version	1.4	Package weight	1.8 kg
Headphone outputs	1	<b>Weight &amp; dimensions</b>	
Line-in	✓	Width	305 mm
		Depth	244 mm
		Height	35 mm
		<b>Packaging content</b>	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		<b>Other features</b>	
		Weight	1.12 kg
		<b>Technical details</b>	
		Warranty period	3 year(s)



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### Catalog Object Cloud



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