

Gigabyte B550 AORUS ELITE 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, 2.5GbE LAN, USB 3.2 Gen1

Brand : Gigabyte

Product code: B550 AORUS ELITE V2

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Socket AM4, AMD B550 Chipset, 4 x DDR4-SDRAM up to 128GB, LAN, 1 x RJ-45, 4 x SATA III, 2 x M.2(M), UEFI AMI, ATX

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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	Headphone outputs	1
Processor socket *	Socket AM4	Microphone in	✓
	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	S/PDIF out port	✓
Compatible processor series *		Network	
Maximum number of SMP processors	1	Ethernet LAN	✓
Supported processor sockets	Socket AM4	Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Maximum internal memory supported by processor	128 GB	LAN controller	Realtek RTL8125
		Wi-Fi *	✗
Memory		Features	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	AMD B550
Number of memory slots *	4	Audio chip	Realtek ALC1200
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Black
ECC	✓	Component for *	PC
Non-ECC	✓	Motherboard form factor *	ATX
Supported memory clock speeds	2133,2400,2667,2933,3200 MHz	Motherboard chipset family *	AMD
Supported memory clock speed (max)	4733 MHz	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Maximum internal memory *	128 GB	Expansion slots	
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	PCI Express x1 (Gen 2.x) slots	1
Unbuffered memory	✓	PCI Express x1 (Gen 3.x) slots	1
		PCI Express x16 slots	2
		PCI Express x16 (Gen 4.x) slots	1
		Number of M.2 (M) slots	2
Storage controllers		BIOS	
Supported storage drive types	HDD & SSD	BIOS type *	UEFI AMI
Supported storage drive interfaces *	M.2, SATA III	BIOS memory size	256 Mbit
Number of HDDs supported	4	ACPI version	5.0
Number of storage drives supported	6	Clear CMOS jumper	✓
RAID support	✓	Desktop Management Interface (DMI) version	2.7
RAID levels	0, 1, 10		
Graphics			
Parallel processing technology support *	Not supported		

Graphics		BIOS	
Graphics card family	AMD	System Management BIOS (SMBIOS) version	2.7
DirectX version	12.0		
Internal I/O		Logistics data	
USB 2.0 connectors *	2	Country of origin	China
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Products per shipping (inner) case	1 pc(s)
Number of SATA III connectors *	4	Harmonized System (HS) code	84733020
Total number of SATA connectors	4		
Front panel audio connector	✓	Battery	
Front panel connector	✓	Battery weight	3 g
ATX Power connector (24-pin)	✓	Lithium weight per battery	0.07 g
CPU fan connector	✓	Number of battery cells	1
EPS power connector (8-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
TPM connector	✓	Battery type	CR2032
12V power connector	✓		
RGB LED pin header	✓	Packaging data	
Rear panel I/O ports		Package width	335 mm
USB 2.0 ports quantity *	2	Package depth	270 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package height	80 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Package weight	1.8 kg
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
DisplayPorts quantity	1	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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