

GIGABYTE B550M AORUS ELITE Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 5+3 Phases Pure Digital VRM, up to 4733MHz DDR4 (OC), 2xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen1



Brand : GIGABYTE

Product code: B550M AORUS ELITE

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Micro ATX, AMD B550 (AMD AM4), 3rd Gen AMD Ryzen CPU + Radeon CPU, 4 x DDR4 DIMM, GbE LAN, 4 x SATA 6Gb/s, 1 x DVI-D, 1 x HDMI 2.1

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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	✓
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen Threadripper 3000 Series, AMD Ryzen Threadripper PRO 3000 WX-Series	Digital audio optical out	1
		Serial ports quantity	1
Maximum number of SMP processors	1	USB connector type	USB Type-A
Supported processor sockets	Socket AM4	Network	
Maximum internal memory supported by processor	128 GB	Ethernet LAN	✓
		Ethernet interface type	Gigabit Ethernet
		Wi-Fi *	✗
Memory		Features	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	AMD B550
Number of memory slots *	4	Audio chip	Realtek ALC887
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	CPU, Fan, LED, Power supply, Temperature, Voltage
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4733 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
Supported memory module capacities	1GB, 2GB, 4GB, 16GB, 32GB	Cooling type	Active
Unbuffered memory	✓	Power source type	ATX
		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x1 slots	1
Supported storage drive interfaces *	M.2, SATA III	PCI Express x1 (Gen 3.x) slots	1
Number of HDDs supported	4	PCI Express x4 slots	1
Number of storage drives supported	6	PCI Express x16 slots	1
RAID levels	0, 1, 10	Number of M.2 (M) slots	2
Graphics		BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
Maximum resolution	4096 x 2160 pixels	BIOS memory size	256 Mbit
HDCP	✓	ACPI version	5.0
DirectX version	12.0	Clear CMOS jumper	✓
Discrete graphics support	✓	Clear CMOS button	✓
Number of displays supported	2		

Internal I/O		BIOS	
USB 2.0 connectors *	1	Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	System Management BIOS (SMBIOS) version	2.7
Number of SATA III connectors *	4	Logistics data	
Total number of SATA connectors	4	Country of origin	China
Front panel audio connector	✓	Products per shipping (inner) case	1 pc(s)
Front panel connector	✓	Harmonized System (HS) code	84733020
ATX Power connector (24-pin)	✓	Battery	
Power fan connector	✓	Battery weight	3 g
CPU fan connector	✓	Lithium weight per battery	0.07 g
Number of chassis fan connectors	2	Number of battery cells	1
TPM connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Serial port headers	1	Battery type	CR2032
12V power connector	✓	Packaging data	
RGB LED pin header	✓	Package width	265 mm
Rear panel I/O ports		Package depth	265 mm
USB 2.0 ports quantity *	4	Package height	65 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package weight	1.27 kg
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
PS/2 ports quantity	1	Width	244 mm
HDMI ports quantity *	1	Depth	244 mm
HDMI version	2.1	Height	35 mm
DVI-D ports quantity *	1	Packaging content	
		Cables included	SATA
		Batteries included	✓
		Drivers included	✓
		Bundled software	Norton Internet Security (OEM version) Realtek 8118 Gaming LAN Bandwidth Control Utility
		Technical details	
		Warranty period	3 year(s)



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