

Gigabyte B550 AORUS ELITE V2 motherboard AMD B550 Socket AM4 ATX

Brand : Gigabyte

Product code: B550 AORUS ELITE V2

Product name : B550 AORUS ELITE V2



- Supports AMD Ryzen™ 5000 Series/ 3rd Gen Ryzen™ and 3rd Gen Ryzen™ with Radeon™ Graphics Processors
 - Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
 - 12+2 Phases Digital Twin Power Design with 50A DrMOS
 - Advanced Thermal Design with Enlarged Surface Heatsinks
 - Ultra Durable™ PCIe 4.0 x16 Slot
 - Dual Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with One Thermal Guard
 - AMP-UP Audio with ALC1200 and WIMA Capacitors
 - Blazing Fast 2.5GbE LAN with Bandwidth Management
 - Front USB 3.2 Gen1 Type-C™ and DisplayPort & HDMI for Multiple Display
 - RGB FUSION 2.0 Supports Addressable LED & RGB LED Strips
 - Smart Fan 5 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - Q-Flash Plus Update BIOS without Installing the CPU, Memory and Graphics Card
 - Pre-installed IO Shield for Easy and Quick Installation
- 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

Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM4	DisplayPorts quantity	1
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	S/PDIF out port	✓
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Memory slots type	DIMM	LAN controller	Realtek RTL8125
Memory channels	Dual-channel	Wi-Fi *	✗
Supported memory clock speeds	2133,2400,2667,2933,3200 MHz	Features	
Maximum internal memory *	128 GB	Motherboard chipset *	AMD B550
Storage controllers		Audio chip	Realtek ALC1200
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
RAID levels	0, 1, 10	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	AMD
Maximum graphics card memory	16 MB	Windows operating systems supported	Windows 10 x64
Parallel processing technology support *	Not supported	Expansion slots	
Graphics card family	AMD	PCI Express x1 (Gen 3.x) slots	1
Internal I/O		PCI Express x16 slots	2
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	2
Number of SATA III connectors *	4	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	ACPI version	5.0
CPU fan connector	✓	Clear CMOS jumper	✓
TPM connector	✓	Desktop Management Interface (DMI) version	2.7
12V power connector	✓	System Management BIOS (SMBIOS) version	2.7

Internal I/O		Logistics data	
RGB LED pin header	✓	Harmonized System (HS) code	84733020
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	2	Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Height	272 mm
		Other features	
		Weight	1.12 kg



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