GIGABYTE

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	
Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9

Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Supported memory clock speeds	2133,2400,2667,2933,3200 MHz
Maximum internal memory *	128 GB

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
RAID levels	0, 1, 10

Graphics	
Maximum graphics card memory	16 MB
Parallel processing technology support *	Not supported
Graphics card family	AMD

Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
TPM connector	✓
12V power connector	✓

Rear panel I/O ports	
Ethernet LAN (RJ-45) ports *	1
DisplayPorts quantity	1
S/PDIF out port	✓

Network	
Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
LAN controller	Realtek RTL8125
Wi-Fi *	✗

Features	
Motherboard chipset *	AMD B550
Audio chip	Realtek ALC1200
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64

Expansion slots	
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

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✓
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Internal I/O

RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	305 mm
Depth	244 mm
Height	272 mm

Other features

Weight	1.12 kg

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