

GIGABYTE B450 AORUS ELITE motherboard AMD B450 Socket AM4 ATX

Brand : GIGABYTE

Product code: B450 AORUS ELITE

Product name : B450 AORUS ELITE

- Supports AMD 2nd Generation Ryzen™ / Ryzen™ with Radeon™ Vega Graphics/ 1st Generation Ryzen™ Processors

- Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs

- HDMI, DVI-D Ports for Multiple Display

- Integrated I/O Shield of Ultra Durable™ Design

- Dual Ultra-Fast NVMe PCIe Gen3 M.2 (x4, x2) with One Thermal Guard

- High Quality Audio Capacitors and Audio Noise Guard with LED Trace Path Lighting

- RGB FUSION with Multi-Zone LED Light Show Design, Supports Digital LED & RGB LED Strips

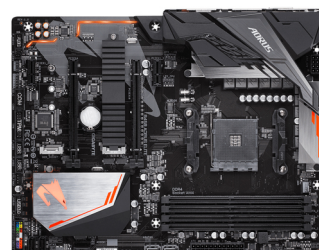
- GIGABYTE Exclusive 8118 Gaming LAN with Bandwidth Management

- Smart Fan 5 Features 6 Temperature Sensors and 4 Hybrid Fan Headers with FAN STOP

- APP Center Including EasyTune™ and Cloud Station™ Utilities

- CEC 2019 Ready, Save Power with a Simple Click

AMD B450 AORUS Motherboard with Hybrid Digital PWM, Dual M.2 with One Thermal Guard, GIGABYTE Gaming LAN with Bandwidth Management, CEC 2019 ready



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	Socket AM4	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series	PS/2 ports quantity	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	DVI-D ports quantity *	1
Number of memory slots *	4	Headphone outputs	6
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC & Non-ECC	Ethernet interface type	Gigabit Ethernet
Supported memory clock speeds	2133,2400,2667,2933 MHz	Wi-Fi *	✗
Supported memory clock speed (max)	2933 MHz	Features	
Maximum internal memory *	64 GB	Motherboard chipset *	AMD B450
Unbuffered memory	✓	Audio chip	Realtek ALC892
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	SSD	Component for *	PC
Supported storage drive interfaces *	M.2, SATA	Motherboard form factor *	ATX
RAID levels	0, 1, 10	Motherboard chipset family *	AMD
Graphics		Windows operating systems supported	Windows 10, Windows 7
Parallel processing technology support *	CrossFire	Certification	CE, FCC
Maximum resolution	4096 x 2160 pixels	Expansion slots	
HDCP	✓	PCI Express x1 slots	2
Internal I/O		PCI Express x16 slots	2
USB 2.0 connectors *	2	Number of M.2 (M) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
Number of SATA III connectors *	6	BIOS type *	UEFI AMI
S/PDIF out connector	✓	BIOS memory size	128 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
		Plug and Play	✓

Internal I/O		BIOS	
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of chassis fan connectors	3	Processor special features	
TPM connector	✓	Intel® High Definition Audio (Intel® HD Audio)	✓
Serial port headers	1	Intel Extreme Memory Profile (XMP)	✓
12V power connector	✓	Logistics data	
RGB LED pin header	✓	Harmonized System (HS) code	84733020
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	305 mm
		Depth	235 mm
		Height	80 mm
		Other features	
		Weight	910 g



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