

Gigabyte B450 AORUS Elite V2 Motherboard - Supports AMD Series 5000 CPUs, up to 3600MHz DDR4 (OC), 2xPCIe 3.0 x4 M.2, WIFI, GbE LAN, USB 3.1 Gen 1

Brand : Gigabyte

Product code: B450 AORUS ELITE V2

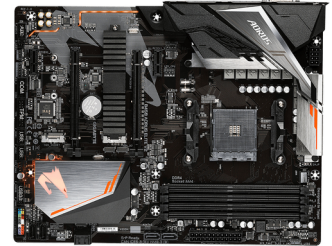
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Socket AM4, AMD B450 Chipset, 4 x DDR4-SDRAM up to 128GB, LAN, 1 x RJ-45, 6 x SATA III, 2 x M.2(M), UEFI AMI, ATX

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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	HDMI ports quantity *	1
Processor socket *	Socket AM4	DVI-D ports quantity *	1
Compatible processor series *	AMD Ryzen™ 3, 2nd Generation	Network	
	AMD Ryzen™ 3, 3rd Generation	Ethernet LAN	✓
	AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, 3rd	Ethernet interface type	Gigabit Ethernet
	Generation AMD Ryzen 5, AMD Ryzen™ 7, 2nd Generation AMD	Wi-Fi *	✗
	Ryzen™ 7, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	Features	
Supported processor sockets	Socket AM4	Motherboard chipset *	AMD B450
Maximum internal memory supported by processor	128 GB	Audio chip	Realtek ALC892
Memory		Audio output channels *	7.1 channels
Supported memory types *	DDR4-SDRAM	Component for *	PC
Number of memory slots *	4	Motherboard form factor *	ATX
Memory slots type	DIMM	Motherboard chipset family *	AMD
Memory channels	Dual-channel	Windows operating systems supported	Windows 10 x64
ECC	✓	Expansion slots	
Non-ECC	✓	PCI Express x1 (Gen 2.x) slots	2
Supported memory clock speeds	2133,2400,2667,2933,3200,3466,3600 MHz	PCI Express x16 (Gen 3.x) slots	1
Supported memory clock speed (max)	3600 MHz	PCI Express x16 (Gen 4.x) slots	1
Maximum internal memory *	128 GB	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	128 Mbit
Number of HDDs supported	6	ACPI version	5.0
Number of storage drives supported	8	Clear CMOS jumper	✓
RAID support	✓	Clear CMOS button	✓
RAID levels	0, 1, 10	Desktop Management Interface (DMI) version	2.7
Graphics		System Management BIOS (SMBIOS) version	2.7
Parallel processing technology support *	Not supported	Logistics data	
		Country of origin	China

Graphics		Logistics data	
DirectX version	12.0	Products per shipping (inner) case	1 pc(s)
Internal I/O		Harmonized System (HS) code	84733020
USB 2.0 connectors *	2	Battery	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Battery weight	3 g
Number of SATA III connectors *	6	Lithium weight per battery	0.07 g
Total number of SATA connectors	6	Number of battery cells	1
S/PDIF out connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Front panel audio connector	✓	Battery type	CR2032
Front panel connector	✓	Packaging data	
ATX Power connector (24-pin)	✓	Package width	365 mm
CPU fan connector	✓	Package depth	575 mm
TPM connector	✓	Package height	375 mm
Serial port headers	1	Package weight	1.39 kg
12V power connector	✓	Weight & dimensions	
RGB LED pin header	✓	Height	35 mm
Rear panel I/O ports		Packaging content	
USB 2.0 ports quantity *	4	Batteries included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Technical details	
Ethernet LAN (RJ-45) ports *	1	Warranty period	3 year(s)
PS/2 ports quantity	1		



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