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GIGABYTE B550M AORUS ELITE AX Motherboard - Supports AMD Ryzen 5000 CPUs, 5+3 Phases Pure Digital VRM, up to 4733MHz DDR5 (OC), 1xPCIe 4.0 M.2, Wi-Fi 6E, GbE LAN, USB 3.2 Gen 2

Brand : GIGABYTE
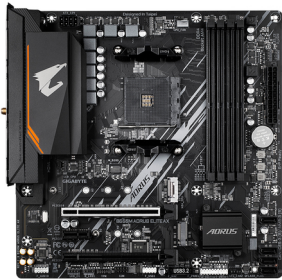
Product code: B550M AORUS ELITE AX

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AMD B550, AMD AM4, 4x DDR4, DVI-D, HDMI, 1G LAN, M.2, SATA III, USB 3.2, PS.2, Mircro ATX, 244x244 mm

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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

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
Maximum number of SMP processors	1
Supported processor sockets	Socket AM4
Maximum internal memory supported by processor	128 GB

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Supported memory clock speeds	2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4733 MHz
Supported memory clock speed (max)	4733 MHz
Maximum internal memory *	128 GB
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID levels	0, 1, 10

Graphics

Maximum resolution	4096 x 2160 pixels
HDCP	✓
DirectX version	12.0

Internal I/O

USB 2.0 connectors *	1

Rear panel I/O ports

USB connector type	USB Type-A, USB Type-C

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller model	Realtek RTL8852CE
Bluetooth	✓
Bluetooth version	5.3

Features

Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
Product colour	Brown
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	✓

Internal I/O

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	✔
Number of chassis fan connectors	2
TPM connector	✔
Serial port headers	1
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
DVI-D ports quantity *	1

BIOS

Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data

Country of origin	China
Products per shipping (inner) case	1 pc(s)

Battery

Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data

Package width	265 mm
Package depth	265 mm
Package height	65 mm
Package weight	1.27 kg

Weight & dimensions

Width	244 mm
Depth	244 mm
Height	35 mm

Packaging content

Cables included	SATA
Batteries included	✔
Bundled software	Norton Internet Security (OEM) Realtek 8118 Gaming LAN Bandwidth Control Utility

Technical details

Warranty period	3 year(s)

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