GIGABYTE

Gigabyte B550M AORUS ELITE AMD B550 Socket AM4 micro ATX

Brand : Gigabyte

Product name : B550M AORUS ELITE

Product code: GA-B550M-AOURUS ELITE

- Supports 3rd Gen AMD Ryzen Processors
- Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
- 5+3 Phases Pure Digital VRM Solution with Low RDS(on) MOSFETs
- Ultra Durable PCIe 4.0 Ready x16 Slot
- Dual Ultra-Fast NVMe PCIe 4.0/3.0 M.2 Connectors
- High Quality Audio Capacitors and Audio Noise Guard for Ultimate Audio Quality
- GIGABYTE Exclusive 8118 Gaming GbE LAN
- Rear HDMI & DVI Support
- 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
- Anti-Sulfur Resistors Design
AMD B550, AMD AM4, 4x DDR4, DVI-D, HDMI, 1G LAN, M.2, SATA III, USB 3.2, PS.2, Mircro ATX, 244x244 mm

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

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	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4733 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	SATA III
RAID levels	0, 1, 10

Graphics

Maximum graphics card memory	16000 MB
Maximum resolution	4096 x 2160 pixels
HDCP	✓

Internal I/O

USB 2.0 connectors *	1
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

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

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✗

Features

Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
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

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 slots	2
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

Internal I/O	
TPM connector	✔
Serial port headers	1
12V power connector	✔
RGB LED pin header	✔

BIOS	
System Management BIOS (SMBIOS) version	2.7

Logistics data	
Harmonized System (HS) code	84733020

Weight & dimensions	
Width	244 mm
Depth	244 mm

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

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