

GIGABYTE B550M AORUS ELITE Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 5+3 Phases Pure Digital VRM, up to 4733MHz DDR4 (OC), 2xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen1

Brand : GIGABYTE

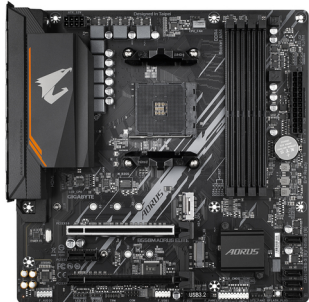
Product code: B550M AORUS ELITE

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Micro ATX, AMD B550 (AMD AM4), 3rd Gen AMD Ryzen CPU + Radeon CPU, 4 x DDR4 DIMM, GbE LAN, 4 x SATA 6Gb/s, 1 x DVI-D, 1 x HDMI 2.1

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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  | Headphone outputs                   | 1   |
| Processor socket *                             | Socket AM4   | Microphone in                       | ✓   |
| Compatible processor series *                  | AMD Ryzen 3000 Series, AMD Ryzen Threadripper 3000 Series, AMD Ryzen Threadripper PRO 3000 WX-Series | Digital audio optical out           | 1   |
|  |  | Serial ports quantity               | 1   |
|  |  | USB connector type                  | USB Type-A  |
| Maximum number of SMP processors               | 1  | Network                             |   |
| Supported processor sockets                    | Socket AM4   | Ethernet LAN                        | ✓   |
| Maximum internal memory supported by processor | 128 GB   | Ethernet interface type             | Gigabit Ethernet                                  |
| Memory   |  | Wi-Fi *                             | ✗   |
| Supported memory types *                       | DDR4-SDRAM   | Features                            |   |
| Number of memory slots *                       | 4  | Motherboard chipset *               | AMD B550  |
| Memory slots type                              | DIMM   | Audio chip                          | Realtek ALC887                                    |
| Memory channels                                | Dual-channel   | Audio output channels *             | 7.1 channels                                      |
| ECC compatibility                              | ECC & Non-ECC  | Product colour                      | Brown   |
| Supported memory clock speeds                  | 2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4733 MHz   | PC health monitoring                | CPU, Fan, LED, Power supply, Temperature, Voltage |
| Supported memory clock speed (max)             | 4733 MHz   | Component for *                     | PC  |
| Maximum internal memory *                      | 128 GB   | Motherboard form factor *           | micro ATX   |
| Supported memory module capacities             | 1GB, 2GB, 4GB, 16GB, 32GB  | Motherboard chipset family *        | AMD   |
| Unbuffered memory                              | ✓  | Cooling type                        | Active  |
| Storage controllers                            |  | Power source type                   | ATX   |
| Supported storage drive types                  | HDD & SSD  | Windows operating systems supported | Windows 10 x64, Windows 11 x64                    |
| Supported storage drive interfaces *           | M.2, SATA III  | Expansion slots                     |   |
| Number of HDDs supported                       | 4  | PCI Express x1 slots                | 1   |
| Number of storage drives supported             | 6  | PCI Express x1 (Gen 3.x) slots      | 1   |
| RAID levels                                    | 0, 1, 10   | PCI Express x4 slots                | 1   |
| Graphics                                       |  | PCI Express x16 slots               | 1   |
| Parallel processing technology support *       | Not supported  | Number of M.2 (M) slots             | 2   |
| Maximum resolution                             | 4096 x 2160 pixels   |                                     |   |
| HDCP   | ✓  |                                     |   |

| Graphics  |      | BIOS                                       |  |
|---|------|--|--|
| DirectX version                                   | 12.0 | BIOS type *                                | UEFI AMI   |
| Discrete graphics support                         | ✓    | BIOS memory size                           | 256 Mbit   |
| Number of displays supported                      | 2    | ACPI version                               | 5.0  |
| Internal I/O                                      |      | Clear CMOS jumper                          | ✓  |
| USB 2.0 connectors *                              | 1    | Clear CMOS button                          | ✓  |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *            | 1    | Desktop Management Interface (DMI) version | 2.7  |
| Number of SATA III connectors *                   | 4    | System Management BIOS (SMBIOS) version    | 2.7  |
| Total number of SATA connectors                   | 4    | Logistics data                             |  |
| Front panel audio connector                       | ✓    | Country of origin                          | China  |
| Front panel connector                             | ✓    | Products per shipping (inner) case         | 1 pc(s)  |
| ATX Power connector (24-pin)                      | ✓    | Harmonized System (HS) code                | 84733020   |
| Power fan connector                               | ✓    | Battery                                    |  |
| CPU fan connector                                 | ✓    | Battery weight                             | 3 g  |
| Number of chassis fan connectors                  | 2    | Lithium weight per battery                 | 0.07 g   |
| TPM connector                                     | ✓    | Number of battery cells                    | 1  |
| Serial port headers                               | 1    | Battery technology                         | Lithium-Manganese Dioxide (LiMnO2)   |
| 12V power connector                               | ✓    | Battery type                               | CR2032   |
| RGB LED pin header                                | ✓    | Packaging data                             |  |
| Rear panel I/O ports                              |      | Package width                              | 265 mm   |
| USB 2.0 ports quantity *                          | 4    | Package depth                              | 265 mm   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4    | Package height                             | 65 mm  |
| Ethernet LAN (RJ-45) ports *                      | 1    | Package weight                             | 1.27 kg  |
| PS/2 ports quantity                               | 1    | Weight & dimensions                        |  |
| HDMI ports quantity *                             | 1    | Width                                      | 244 mm   |
| HDMI version                                      | 2.1  | Depth                                      | 244 mm   |
| DVI-D ports quantity *                            | 1    | Height                                     | 35 mm  |
|   |      | Packaging content                          |  |
|   |      | Cables included                            | SATA   |
|   |      | Batteries included                         | ✓  |
|   |      | Drivers included                           | ✓  |
|   |      | Bundled software                           | Norton Internet Security (OEM version) Realtek 8118 Gaming LAN Bandwidth Control Utility |
|   |      | Technical details                          |  |
|   |      | Warranty period                            | 3 year(s)  |



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Publication date: 20-DEC-2024. Prints or copies of Information are only valid on the printed Publication date