

## GIGABYTE B550 AORUS ELITE AX V2 moederbord AMD B550 Socket AM4 ATX

**Merk :** GIGABYTE

**Artikelcode:** B550 AORUS ELITE AX V2

**Productnaam :** B550 AORUS ELITE AX V2

GIGABYTE B550 AORUS ELITE AX V2. Processorfabrikant: AMD, Processor socket: Socket AM4, Compatibele processors: AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series. Ondersteunde geheugen types: DDR4-SDRAM, Maximum intern geheugen: 128 GB, Geheugen slots type: DIMM. Ondersteunde opslagstationinterfaces: M.2, SATA III, Ondersteunde types opslag-drives: HDD & SSD, Soorten RAID: 0, 1, 10. Maximum resolutie: 5120 x 2880 Pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet, LAN controller: Realtek RTL8125, Wifi-standaard: Wi-Fi 6E (802.11ax)



| Processor                                |   | Network                             |   |
|--|---|-------------------------------------|---|
| Processor manufacturer *                 | AMD   | Ethernet LAN                        | ✓   |
| Processor socket *                       | Socket AM4  | Ethernet interface type             | 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet   |
| Compatible processor series *            | AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series                 | LAN controller                      | Realtek RTL8125   |
| Maximum number of SMP processors         | 1   | Wi-Fi *                             | ✓   |
| Supported processor sockets              | Socket AM4  | Top Wi-Fi standard                  | Wi-Fi 6E (802.11ax)   |
| <b>Memory</b>                            |   | Wi-Fi standards                     | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax) |
| Supported memory types *                 | DDR4-SDRAM  | WLAN controller model               | Intel Wi-Fi 6E AX210  |
| Number of memory slots *                 | 4   | Bluetooth                           | ✓   |
| Memory slots type                        | DIMM  | Bluetooth version                   | 5.3   |
| Memory channels                          | Dual-channel  | <b>Features</b>                     |   |
| ECC compatibility                        | ECC & Non-ECC   | Motherboard chipset *               | AMD B550  |
| Supported memory clock speeds            | 4733,4600,4400,4266,4133,4000,3866,3733,3600,3466,3400,3200,2933,2667,2400,2133 MHz | Audio chip                          | Realtek ALC897  |
| Supported memory clock speed (max)       | 4733 MHz  | Audio output channels *             | 7.1 channels  |
| Maximum internal memory *                | 128 GB  | Product colour                      | Black   |
| Unbuffered memory                        | ✓   | PC health monitoring                | Fan, Temperature, Voltage, Water cooling  |
| Maximum internal memory per slot         | 32 GB   | Component for *                     | PC  |
| <b>Storage controllers</b>               |   | Motherboard form factor *           | ATX   |
| Supported storage drive types            | HDD & SSD   | Motherboard chipset family *        | AMD   |
| Supported storage drive interfaces *     | M.2, SATA III   | Cooling type                        | Passive   |
| Number of HDDs supported                 | 4   | Power source type                   | ATX   |
| Number of storage drives supported       | 6   | Windows operating systems supported | Windows 10 x64, Windows 11 x64  |
| RAID support                             | ✓   | <b>Expansion slots</b>              |   |
| RAID levels                              | 0, 1, 10  | PCI Express x1 (Gen 3.x) slots      | 1   |
| <b>Graphics</b>                          |   | PCI Express x16 (Gen 3.x) slots     | 2   |
| Parallel processing technology support * | Not supported   | PCI Express x16 (Gen 4.x) slots     | 1   |
| Maximum resolution                       | 5120 x 2880 pixels  |                                     |   |
| HDCP                                     | ✓   |                                     |   |
| DirectX version                          | 12.0  |                                     |   |

| Internal I/O                                      |     | Expansion slots                            |   |
|---|-----|--|---|
| USB 2.0 connectors *                              | 2   | Number of M.2 (M) slots                    | 2   |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *            | 2   | 1st M.2 largest key size                   | 22110   |
| Number of SATA III connectors *                   | 4   | 1st M.2 highest PCI Express generation     | 4.0   |
| Front panel audio connector                       | ✓   | 2nd M.2 largest key size                   | 22110   |
| Front panel connector                             | ✓   | 2nd M.2 highest PCI Express generation     | 3.0   |
| ATX Power connector (24-pin)                      | ✓   | <b>BIOS</b>                                |   |
| CPU fan connector                                 | ✓   | BIOS type *                                | UEFI AMI  |
| Number of CPU fan connectors                      | 1   | BIOS memory size                           | 128 Mbit  |
| Number of chassis fan connectors                  | 3   | ACPI version                               | 5.0   |
| EPS power connector (8-pin)                       | ✓   | Clear CMOS jumper                          | ✓   |
| Number of EPS power connectors (8-pin)            | 1   | Desktop Management Interface (DMI) version | 2.7   |
| TPM connector                                     | ✓   | System Management BIOS (SMBIOS) version    | 2.7   |
| 12V power connector                               | ✓   | <b>Logistics data</b>                      |   |
| Number of water pump connectors                   | 4   | Country of origin                          | China   |
| RGB LED pin header                                | ✓   | Products per shipping (inner) case         | 1 pc(s)   |
| Number of RGB LED pin headers                     | 5   | <b>Battery</b>                             |   |
| <b>Rear panel I/O ports</b>                       |     | Battery weight                             | 3 g   |
| USB 2.0 ports quantity *                          | 2   | Lithium weight per battery                 | 0.07 g  |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3   | Number of battery cells                    | 1   |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2   | Battery technology                         | Lithium-Manganese Dioxide (LiMnO2)  |
| Ethernet LAN (RJ-45) ports *                      | 1   | Battery type                               | CR2032  |
| HDMI ports quantity *                             | 1   | <b>Packaging data</b>                      |   |
| HDMI version                                      | 2.1 | Package width                              | 335 mm  |
| DisplayPorts quantity                             | 1   | Package depth                              | 270 mm  |
| DisplayPort version                               | 1.4 | Package height                             | 80 mm   |
| Headphone outputs                                 | 1   | Package weight                             | 1.89 kg   |
| Line-in   | ✓   | <b>Weight &amp; dimensions</b>             |   |
| Microphone in                                     | ✓   | Width                                      | 305 mm  |
| S/PDIF out port                                   | ✓   | Depth                                      | 244 mm  |
| WiFi-AP antenna jack                              | 2   | Height                                     | 35 mm   |
|   |     | <b>Packaging content</b>                   |   |
|   |     | Batteries included                         | ✓   |
|   |     | Antenna included                           | ✓   |
|   |     | Screws included                            | ✓   |
|   |     | Bundled software                           | Norton® Internet Security (OEM version) LAN bandwidth management software |
|   |     | <b>Other features</b>                      |   |
|   |     | Weight                                     | 1.12 kg   |
|   |     | <b>Technical details</b>                   |   |
|   |     | Warranty period                            | 3 year(s)   |



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