

## Gigabyte B760 AORUS ELITE AX DDR4 Motherboard - Supports Intel Core 14th Gen CPUs, 12\*+1+1 Phases Digital VRM, up to 5333MHz DDR4 (OC), 3xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2



**Brand :** Gigabyte

**Product code:** B760 AORUS ELITE AX DDR4

**Product name :** B760 AORUS ELITE AX DDR4 Motherboard - Supports Intel Core 14th Gen CPUs, 12\*+1+1 Phases Digital VRM, up to 5333MHz DDR4 (OC), 3xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2

B760 AORUS ELITE AX DDR4 (rev. 1.0), LGA1700, 4 x DDR DIMM sockets, 128 GB max, HDMI, DisplayPort, 2.5GbE, Wi-Fi 6E AX211, Bluetooth 5.3

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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 socket *                             | LGA 1700   | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1   |
| Compatible processor series *                  | Intel® Celeron®, Intel® Pentium® Gold  | Ethernet LAN (RJ-45) ports *                      | 1   |
| Supported processor sockets                    | LGA 1700   | HDMI ports quantity *                             | 1   |
| Maximum internal memory supported by processor | 128 GB   | HDMI version                                      | 2.0   |
| <b>Memory</b>                                  |  | DisplayPorts quantity                             | 1   |
| Supported memory types *                       | DDR4-SDRAM   | DisplayPort version                               | 1.2   |
| Number of memory slots *                       | 4  | Digital audio optical out                         | 1   |
| Memory slots type                              | DIMM   | <b>Network</b>                                    |   |
| Memory channels                                | Dual-channel   | Ethernet LAN                                      | ✓   |
| Non-ECC  | ✓  | Ethernet interface type                           | 2.5 Gigabit Ethernet  |
| Supported memory clock speeds MHz              | 2133,2400,2666,2933,3000,3200,3300,3333,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333 | Wi-Fi *   | ✓   |
| Supported memory clock speed (max)             | 5333 MHz   | Top Wi-Fi standard                                | Wi-Fi 6E (802.11ax)   |
| Maximum internal memory *                      | 128 GB   | Wi-Fi standards                                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) |
| Unbuffered memory                              | ✓  | WLAN controller model                             | Intel Wi-Fi 6E AX211  |
| <b>Storage controllers</b>                     |  | Bluetooth   | ✓   |
| Supported storage drive types                  | HDD & SSD  | Bluetooth version                                 | 5.3   |
| Supported storage drive interfaces *           | M.2, SATA III  | <b>Features</b>                                   |   |
| Number of HDDs supported                       | 4  | Motherboard chipset *                             | Intel B760 Express  |
| Number of storage drives supported             | 7  | Audio output channels *                           | 7.1 channels  |
| RAID support                                   | ✓  | Product colour                                    | Black   |
| RAID levels                                    | 0, 1, 5, 10  | PC health monitoring                              | Fan, Temperature, Voltage, Water cooling  |
| <b>Graphics</b>                                |  | Component for *                                   | PC  |
| Parallel processing technology support *       | Not supported  | Motherboard form factor *                         | ATX   |
| On-board graphics card                         | ✓  | Motherboard chipset family *                      | Intel   |
| Graphics card family                           | Intel  | Windows operating systems supported               | Windows 10 x64, Windows 11 x64  |
| Graphics card                                  | HD Graphics  | <b>Expansion slots</b>                            |   |
| Maximum resolution                             | 4096 x 2304 pixels   | PCI Express x16 (Gen 3.x) slots                   | 2   |
| HDCP   | ✓  | PCI Express x16 (Gen 4.x) slots                   | 1   |
| DirectX version                                | 12.0   |   |   |
| On-board graphics card model                   | Intel® HD Graphics   |   |   |
| <b>Internal I/O</b>                            |  |   |   |
| USB 2.0 connectors *                           | 4  |   |   |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *         | 1  |   |   |

|   |   |  |   |
|---|---|--|---|
| <b>Internal I/O</b>                               |   | <b>Expansion slots</b>                     |   |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *            | 1 | Number of M.2 (M) slots                    | 3   |
| Number of SATA III connectors *                   | 4 | <b>BIOS</b>                                |   |
| Total number of SATA connectors                   | 4 | BIOS type *                                | EFI AMI   |
| Front panel audio connector                       | ✓ | BIOS memory size                           | 256 Mbit  |
| Front panel connector                             | ✓ | ACPI version                               | 5.0   |
| ATX Power connector (24-pin)                      | ✓ | Clear CMOS jumper                          | ✓   |
| Power fan connector                               | ✓ | Desktop Management Interface (DMI) version | 2.7   |
| CPU fan connector                                 | ✓ | System Management BIOS (SMBIOS) version    | 2.7   |
| Number of chassis fan connectors                  | 4 | <b>Logistics data</b>                      |   |
| EPS power connector (8-pin)                       | ✓ | Country of origin                          | China   |
| TPM connector                                     | ✓ | Products per shipping (inner) case         | 1 pc(s)   |
| 12V power connector                               | ✓ | <b>Battery</b>                             |   |
| RGB LED pin header                                | ✓ | Battery weight                             | 3 g   |
| <b>Rear panel I/O ports</b>                       |   | Lithium weight per battery                 | 0.07 g  |
| USB 2.0 ports quantity *                          | 4 | Number of battery cells                    | 1   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Battery technology                         | Lithium-Manganese Dioxide (LiMnO <sub>2</sub> )                           |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 | Battery type                               | CR2032  |
|   |   | <b>Packaging data</b>                      |   |
|   |   | Package width                              | 335 mm  |
|   |   | Package depth                              | 270 mm  |
|   |   | Package height                             | 80 mm   |
|   |   | Package weight                             | 2.17 kg   |
|   |   | <b>Weight &amp; dimensions</b>             |   |
|   |   | Width                                      | 305 mm  |
|   |   | Depth                                      | 244 mm  |
|   |   | Height                                     | 35 mm   |
|   |   | <b>Packaging content</b>                   |   |
|   |   | Batteries included                         | ✓   |
|   |   | Bundled software                           | Norton® Internet Security (OEM version) LAN bandwidth management software |
|   |   | <b>Technical details</b>                   |   |
|   |   | Warranty period                            | 3 year(s)   |



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