

## GIGABYTE B550I AORUS PRO AX Motherboard - AMD Ryzen 5000 CPUs, 8 Phases VRM, up to 5300MHz DDR4, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2



**Brand :** GIGABYTE

**Product code:** B550I AORUS PRO AX

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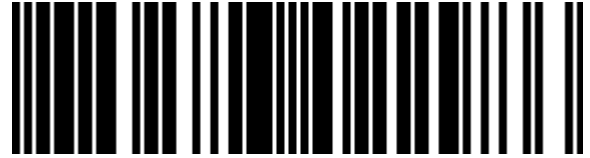
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| Processor                                |                                                                                                                      | Rear panel I/O ports                   |                                                                                                           |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Processor manufacturer *                 | AMD                                                                                                                  | WiFi-AP antenna jack                   | 2                                                                                                         |
| Processor socket *                       | Socket AM4                                                                                                           | Network                                |                                                                                                           |
| Compatible processor series *            | AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series                                                  | Ethernet LAN                           | ✓                                                                                                         |
| Maximum number of SMP processors         | 1                                                                                                                    | Ethernet interface type                | 2.5 Gigabit Ethernet                                                                                      |
| Supported processor sockets              | Socket AM4                                                                                                           | LAN controller                         | Realtek RTL8125                                                                                           |
| Memory                                   |                                                                                                                      | Wi-Fi *                                | ✓                                                                                                         |
| Supported memory types *                 | DDR4-SDRAM                                                                                                           | Top Wi-Fi standard                     | Wi-Fi 6E (802.11ax)                                                                                       |
| Number of memory slots *                 | 2                                                                                                                    | 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) |
| Memory slots type                        | DIMM                                                                                                                 | WLAN controller model                  | AMD RZ608                                                                                                 |
| Memory channels                          | Dual-channel                                                                                                         | Bluetooth                              | ✓                                                                                                         |
| ECC compatibility                        | ECC & Non-ECC                                                                                                        | Bluetooth version                      | 5.3                                                                                                       |
| Supported memory clock speeds            | 5300, 5200, 5100, 4800, 4600, 4400, 4266, 4133, 4000, 3866, 3733, 3600, 3466, 3400, 3200, 2933, 2667, 2400, 2133 MHz | Features                               |                                                                                                           |
| Supported memory clock speed (max)       | 5300 MHz                                                                                                             | Motherboard chipset *                  | AMD B550                                                                                                  |
| Maximum internal memory *                | 64 GB                                                                                                                | Audio chip                             | Realtek ALC1220-VB                                                                                        |
| Unbuffered memory                        | ✓                                                                                                                    | Audio output channels *                | 7.1 channels                                                                                              |
| Maximum internal memory per slot         | 32 GB                                                                                                                | Product colour                         | Black                                                                                                     |
| Storage controllers                      |                                                                                                                      | PC health monitoring                   | Fan, Temperature, Voltage                                                                                 |
| Supported storage drive types            | HDD & SSD                                                                                                            | Component for *                        | PC                                                                                                        |
| Supported storage drive interfaces *     | M.2, SATA                                                                                                            | Motherboard form factor *              | mini ITX                                                                                                  |
| Number of HDDs supported                 | 4                                                                                                                    | Motherboard chipset family *           | AMD                                                                                                       |
| Number of storage drives supported       | 6                                                                                                                    | Cooling type                           | Passive                                                                                                   |
| RAID support                             | ✓                                                                                                                    | Power source type                      | ATX                                                                                                       |
| RAID levels                              | 0, 1, 10                                                                                                             | Windows operating systems supported    | Windows 10 x64, Windows 11 x64                                                                            |
| Graphics                                 |                                                                                                                      | Expansion slots                        |                                                                                                           |
| Parallel processing technology support * | Not supported                                                                                                        | PCI Express x16 (Gen 4.x) slots        | 1                                                                                                         |
| Maximum resolution                       | 5120 x 2880 pixels                                                                                                   | Number of M.2 (M) slots                | 2                                                                                                         |
| HDCP                                     | ✓                                                                                                                    | 1st M.2 largest key size               | 2280                                                                                                      |
| DirectX version                          | 12.0                                                                                                                 | 1st M.2 highest PCI Express generation | 4.0                                                                                                       |
| Number of displays supported             | 3                                                                                                                    |                                        |                                                                                                           |
| Internal I/O                             |                                                                                                                      |                                        |                                                                                                           |
| USB 2.0 connectors *                     | 1                                                                                                                    |                                        |                                                                                                           |

| Internal I/O                                      |     | Expansion slots                            |                                                                                                                                                |
|---------------------------------------------------|-----|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *            | 1   | 2nd M.2 largest key size                   | 2280                                                                                                                                           |
| Number of SATA III connectors *                   | 4   | 2nd M.2 highest PCI Express generation     | 3.0                                                                                                                                            |
| Front panel audio connector                       | ✓   | BIOS                                       |                                                                                                                                                |
| Front panel connector                             | ✓   | BIOS type *                                | UEFI AMI                                                                                                                                       |
| ATX Power connector (24-pin)                      | ✓   | BIOS memory size                           | 128 Mbit                                                                                                                                       |
| CPU fan connector                                 | ✓   | ACPI version                               | 5.0                                                                                                                                            |
| Number of CPU fan connectors                      | 1   | Clear CMOS jumper                          | ✓                                                                                                                                              |
| Number of chassis fan connectors                  | 2   | Desktop Management Interface (DMI) version | 2.7                                                                                                                                            |
| EPS power connector (8-pin)                       | ✓   | System Management BIOS (SMBIOS) version    | 2.7                                                                                                                                            |
| Number of EPS power connectors (8-pin)            | 1   | Logistics data                             |                                                                                                                                                |
| TPM connector                                     | ✓   | Country of origin                          | Taiwan                                                                                                                                         |
| 12V power connector                               | ✓   | Products per shipping (inner) case         | 1 pc(s)                                                                                                                                        |
| Number of water pump connectors                   | 2   | Harmonized System (HS) code                | 84733020                                                                                                                                       |
| RGB LED pin header                                | ✓   | Battery                                    |                                                                                                                                                |
| Number of RGB LED pin headers                     | 2   | Battery weight                             | 3 g                                                                                                                                            |
| Rear panel I/O ports                              |     | Lithium weight per battery                 | 0.07 g                                                                                                                                         |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4   | Number of battery cells                    | 1                                                                                                                                              |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1   | Battery technology                         | Lithium-Manganese Dioxide (LiMnO2)                                                                                                             |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1   | Battery type                               | CR2032                                                                                                                                         |
| Ethernet LAN (RJ-45) ports *                      | 1   | Packaging data                             |                                                                                                                                                |
| HDMI ports quantity *                             | 2   | Package width                              | 265 mm                                                                                                                                         |
| HDMI version                                      | 2.1 | Package depth                              | 235 mm                                                                                                                                         |
| DisplayPorts quantity                             | 1   | Package height                             | 97 mm                                                                                                                                          |
| DisplayPort version                               | 1.4 | Package weight                             | 1.4 kg                                                                                                                                         |
| Headphone outputs                                 | 1   | Weight & dimensions                        |                                                                                                                                                |
| Line-in                                           | ✓   | Width                                      | 170 mm                                                                                                                                         |
| Microphone in                                     | ✓   | Depth                                      | 170 mm                                                                                                                                         |
|                                                   |     | Height                                     | 35 mm                                                                                                                                          |
|                                                   |     | Packaging content                          |                                                                                                                                                |
|                                                   |     | Batteries included                         | ✓                                                                                                                                              |
|                                                   |     | Antenna included                           | ✓                                                                                                                                              |
|                                                   |     | Screws included                            | ✓                                                                                                                                              |
|                                                   |     | Bundled software                           | Norton® Internet Security (OEM version) XSplit Gamecaster + Broadcaster (12 months license) Realtek® 8125 Gaming LAN Bandwidth Control Utility |
|                                                   |     | Other features                             |                                                                                                                                                |
|                                                   |     | Weight                                     | 790 g                                                                                                                                          |
|                                                   |     | Technical details                          |                                                                                                                                                |
|                                                   |     | Warranty period                            | 3 year(s)                                                                                                                                      |



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### Catalog Object Cloud



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