

GIGABYTE B550I AORUS PRO AX Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 8 Phases Digital VRM, up to 5300MHz DDR4 (OC), 2xPCIe 3.0 M.2, WiFi 6E, 2.5GbE LAN, USB 3.2 Gen2

Brand : GIGABYTE

Product code: B550I AORUS PRO AX

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AMD B550, AMD Socket AM4, 2x DDR4, 2.5G LAN, HDMI, Wi-Fi, M,2, SATA III, USB 3.2, DP, Mini-ITX, 170x170 mm

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| | | | |
|--|--|--|---|
| Processor | | Rear panel I/O ports | |
| Processor manufacturer * | AMD | DisplayPort version | 1.4 |
| Processor socket * | Socket AM4 | Network | |
| Compatible processor series * | AMD Ryzen 3000 Series | Ethernet LAN | ✓ |
| Maximum number of SMP processors | 1 | Ethernet interface type | 2.5 Gigabit Ethernet |
| Maximum internal memory supported by processor | 64 GB | Wi-Fi * | ✓ |
| Memory | | Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Supported memory types * | DDR4-SDRAM | 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) |
| Number of memory slots * | 2 | Bluetooth | ✓ |
| Memory slots type | DIMM | Bluetooth version | 5.3 |
| Memory channels | Dual-channel | Features | |
| ECC compatibility | ECC & Non-ECC | Motherboard chipset * | AMD B550 |
| Supported memory clock speeds | 2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4400,4600,4800,5100,5200,5300 MHz | Audio chip | Realtek ALC1220-VB |
| Supported memory clock speed (max) | 5300 MHz | Audio output channels * | 7.1 channels |
| Maximum internal memory * | 64 GB | Product colour | Black |
| Unbuffered memory | ✓ | PC health monitoring | Fan, Temperature, Voltage |
| Storage controllers | | Component for * | Nettop |
| 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 | Windows operating systems supported | Windows 10 x64, Windows 11 x64 |
| RAID support | ✓ | Expansion slots | |
| RAID levels | 0, 1, 10 | PCI Express x16 (Gen 4.x) slots | 1 |
| Graphics | | Number of M.2 (M) slots | 2 |
| Parallel processing technology support * | Not supported | BIOS | |
| On-board graphics card | ✗ | BIOS type * | UEFI AMI |
| Maximum resolution | 5120 x 2880 pixels | BIOS memory size | 256 Mbit |
| HDCP | ✓ | ACPI version | 5.0 |
| DirectX version | 12.0 | Clear CMOS jumper | ✓ |
| Number of displays supported | 3 | Desktop Management Interface (DMI) version | 2.7 |
| 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 | | |

| Internal I/O | | BIOS | |
|---|-----|---|---|
| Total number of SATA connectors | 4 | System Management BIOS (SMBIOS) version | 2.7 |
| Front panel audio connector | ✓ | Logistics data | |
| Front panel connector | ✓ | Country of origin | Taiwan |
| ATX Power connector (24-pin) | ✓ | Products per shipping (inner) case | 1 pc(s) |
| CPU fan connector | ✓ | Harmonized System (HS) code | 84733020 |
| Number of chassis fan connectors | 2 | Battery | |
| 12V power connector | ✓ | Battery weight | 3 g |
| RGB LED pin header | ✓ | Lithium weight per battery | 0.07 g |
| Rear panel I/O ports | | Number of battery cells | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 | Battery type | CR2032 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | Packaging data | |
| Ethernet LAN (RJ-45) ports * | 1 | Package width | 265 mm |
| HDMI ports quantity * | 2 | Package depth | 235 mm |
| HDMI version | 2.1 | Package height | 97 mm |
| DisplayPorts quantity | 1 | Package weight | 1.4 g |
| | | Weight & dimensions | |
| | | Width | 170 mm |
| | | Depth | 170 mm |
| | | Height | 35 mm |
| | | Packaging content | |
| | | Batteries included | ✓ |
| | | Bundled software | Norton Internet Security (OEM) XSplit Gamecaster + Broadcaster Realtek 8125 Gaming LAN Bandwidth Control Utility |
| | | Other features | |
| | | Weight | 790 g |
| | | Technical details | |
| | | Warranty period | 3 year(s) |



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