

## Gigabyte B550I AORUS PRO AX AMD B550 Socket AM4 mini ITX

**Brand :** Gigabyte

**Product code:** GA-B550I-AORUS PRO AX

**Product name :** B550I AORUS PRO AX

- Supports 3rd Gen AMD Ryzen Processors
  - Dual Channel ECC/ Non-ECC Unbuffered DDR4, 2 DIMMs
  - Direct 8 Phases Digital VRM Solution with 90A Smart Power Stage (SPS)
  - Advanced Thermal Design with Extended & Multi-Layered Heatsink and Thermal Baseplate
  - Ultra Durable PCIe 4.0 Ready x16 Slot
  - Dual Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with Thermal Guard
  - Onboard Intel WiFi 6 802.11ax 2T2R & BT5 with AORUS Antenna
  - AMP-UP Audio with ALC1220-VB and Nichicon Audio Capacitors for Rear 120dB SNR
  - Blazing Fast 2.5GbE LAN with Bandwidth Management
  - USB 3.2 Gen2 Type-C & DisplayPort + Dual HDMI Support
  - RGB FUSION 2.0 Supports Addressable LED & RGB LED Strips
  - Smart Fan 5 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
  - Q-Flash Plus Update BIOS without Installing the CPU , Memory and Graphics Card
  - Pre-installed IO Shield for Easy and Quick Installation
- 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



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM4	HDMI ports quantity *	2
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	HDMI version	2.1
		DisplayPorts quantity	1
Maximum number of SMP processors	1	DisplayPort version	1.4
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
ECC	✓	Bluetooth	✓
Non-ECC	✓	Bluetooth version	5.0
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,5000 MHz	Features	
Maximum internal memory *	64 GB	Motherboard chipset *	AMD B550
Unbuffered memory	✓	Audio chip	Realtek ALC1220-VB
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA	PC health monitoring	Fan, Temperature, Voltage
RAID levels	0, 1, 10	Component for *	Nettop
Graphics		Motherboard form factor *	mini ITX
Maximum graphics card memory	16000 MB	Motherboard chipset family *	AMD
Maximum resolution	5120 x 2880 pixels	Windows operating systems supported	Windows 10 x64
HDCP	✓	Expansion slots	
Number of displays supported	3	PCI Express x16 (Gen 4.x) slots	1
		Number of M.2 (M) slots	2
Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS memory size	256 Mbit
Number of SATA III connectors *	4	ACPI version	5.0
Front panel audio connector	✓	Clear CMOS jumper	✓
Front panel connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		BIOS	
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	2	System Management BIOS (SMBIOS) version	2.7
12V power connector	✓	<b>Logistics data</b>	
RGB LED pin header	✓	Harmonized System (HS) code	84733020
<b>Rear panel I/O ports</b>		<b>Weight &amp; dimensions</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Width	170 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Depth	170 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Height	78 mm
		<b>Packaging content</b>	
		Bundled software	Norton Internet Security (OEM) XSplit Gamecaster + Broadcaster Realtek 8125 Gaming LAN Bandwidth Control Utility
		<b>Other features</b>	
		Weight	790 g



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