GIGABYTE

Gigabyte B560 AORUS PRO AX motherboard Intel B560 LGA 1200 ATX

Brand : Gigabyte

Product name : B560 AORUS PRO AX

Product code: B560 AORUS PRO AX

- Supports 11th and 10th Gen Intel® Core™ Series Processors
- Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs
- Direct 12+1 Phases Digital VRM Solution with 50A DrMOS
- Shielded Memory Routing for Better Memory Overclocking
- Fully Covered Thermal Design with High Coverage MOSFET Heatsinks
- Onboard Intel® WiFi 6 802.11ax 2T2R & BT5 with AORUS Antenna
- Blazing Fast Intel® 2.5GbE LAN
- Triple Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with Thermal Guards
- SuperSpeed USB 3.2 Gen2x2 TYPE-C delivers up to 20Gb/s transfer speeds
- Front USB3.2 Gen1 Type-C® for Connecting device
- Pre-installed IO Shield for easy and quick installation
- RGB FUSION 2.0 with Multi-Zone Addressable LED Light Show Design, Support Addressable LED & RGB LED Strips
- Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
- Q-Flash Plus Update BIOS without Installing the CPU, Memory and Graphics Card

LGA 1200, Intel B560 Chipset, 4 x DDR4-SDRAM up to 128GB, LAN, WLAN, 1 x RJ-45, 6 x SATA III, 3 x M.2(M), UEFI AMI, ATX

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1200
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III

Graphics

Parallel processing technology support *	2-Way CrossFireX, Quad-GPU CrossFireX

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	6
S/PDIF out connector	✓
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
EPS power connector (8-pin)	✓
TPM connector	✓

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Headphone outputs	1
Microphone in	✓

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
WLAN controller model	Intel Wi-Fi 6 AX200
Bluetooth	✓
Bluetooth version	5.1

Features

Motherboard chipset *	Intel B560
Audio chip	Realtek ALC4080
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64
Harmonized System (HS) code	84733020

Expansion slots

PCI Express x16 slots	3
Number of M.2 (M) slots	3

Internal I/O

Thunderbolt headers	2
RGB LED pin header	✓

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✓
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Weight & dimensions

Width	305 mm
Depth	244 mm

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