

Gigabyte B550 AORUS PRO V2 motherboard AMD B550 Socket AM4 ATX

Brand : Gigabyte

Product code: B550 AORUS PRO V2

Product name : B550 AORUS PRO V2



- Supports AMD Ryzen™ 5000 Series / 3rd Gen Ryzen™ and 3rd Gen Ryzen™ with Radeon™ Graphics Processors
 - Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
 - 12+2 Phases Digital Twin Power Design with 50A DrMOS
 - Advanced Thermal Design with Fins-Array Heatsink and Direct Touch Heatpipe
 - Ultra Durable™ PCIe 4.0 Ready x16 Slot
 - Dual Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with Dual Thermal Guards
 - AMP-UP Audio with ALC1220-VB and WIMA Capacitors for Rear 120dB SNR
 - Blazing Fast 2.5GbE LAN with Bandwidth Management
 - Front & Rear USB 3.2 Type-C™ and 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 Chipset, 4 x DDR4-SDRAM, 128GB, LAN, RJ-45, 6 x SATA III, 2 x M.2(M), UEFI AMI, ATX

Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor socket *	Socket AM4	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5	HDMI ports quantity *	1
Memory		S/PDIF out port	✓
Supported memory types *	DDR4-SDRAM	Network	
Number of memory slots *	4	Ethernet LAN	✓
Memory slots type	DIMM	Ethernet interface type	2.5 Gigabit Ethernet
Memory channels	Dual-channel	Wi-Fi *	✗
ECC	✓	Features	
Non-ECC	✓	Motherboard chipset *	AMD B550
Supported memory clock speeds	2133,2400,2667,2933,3200 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	128 GB	Component for *	PC
Storage controllers		Motherboard form factor *	ATX
Supported storage drive types	HDD & SSD	Motherboard chipset family *	AMD
Supported storage drive interfaces *	M.2, SATA III	Windows operating systems supported	Windows 10 x64
RAID levels	0, 1, 10	Harmonized System (HS) code	84733020
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x1 slots	1
Internal I/O		PCI Express x16 slots	2
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Number of M.2 (M) slots	2
Number of SATA III connectors *	6	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Rear panel I/O ports		BIOS memory size	256 Mbit
USB 2.0 ports quantity *	6	ACPI version	5.0
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Clear CMOS jumper	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	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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