

GIGABYTE B850I AORUS PRO Motherboard - AMD Ryzen 9000 Series CPUs, 8+2+1 Phases Digital VRM, up to 8400MHz DDR5 (OC), 1xPCIe 5.0 + 1xPCIe 4.0 M.2, 2.5LAN, WIFI 7, USB 3.2 Gen 2

Brand : GIGABYTE

Product code: B850I AORUS PRO

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- 8+2+1 Phases Digital VRM with 80A Smart Power Stage
- Dual Channel DDR5 2*DIMMs
- PCIe Gen5 x16 with PCIe UD Slot X & EZ-Latch Plus
- M.2 Gen5 with EZ-Latch Plus
- Fully Covered MOSFET Heatsinks
- Wi-Fi 7 with WIFI EZ-Plug & Directional Antenna
- 2.5GbE LAN, Q-Flash Plus

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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	HDMI version	2.1
Processor socket *	Socket AM5	DisplayPorts quantity	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	DisplayPort version	2.1
		Headphone outputs	1
Supported processor sockets	Socket AM5	Microphone in	✓
Memory		WiFi-AP antenna jack	2
	Supported memory types *	Network	
	Number of memory slots *	Ethernet LAN	✓
	Memory slots type	Ethernet interface type	Gigabit Ethernet
	Memory channels	Wi-Fi *	✓
	ECC compatibility	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
	Supported memory clock speeds	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), Wi-Fi 7 (802.11be)
	Supported memory clock speed (max)		
	Maximum internal memory *		
	Unbuffered memory	WLAN controller model	Realtek RTL8922AE
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.4
	Supported storage drive interfaces * M.2, SATA III	Features	
	Number of HDDs supported	Motherboard chipset *	AMD B850
	Number of storage drives supported	Audio output channels *	7.1 channels
	RAID support	Product colour	Black, Brown
Graphics	RAID levels	PC health monitoring	Fan, Temperature, Voltage, Water cooling
	Parallel processing technology support *	Component for *	PC
	On-board graphics card	Motherboard form factor *	mini ITX
	Maximum resolution	Motherboard chipset family *	AMD
	HDCP	Windows operating systems supported	Windows 11 x64
Internal I/O			
USB 2.0 connectors *	1		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Number of M.2 (M) slots	2
Number of SATA III connectors *	2	1st M.2 largest key size	2280
Total number of SATA connectors	2	1st M.2 highest PCI Express generation	5.0
Front panel audio connector	✓	2nd M.2 largest key size	2280
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	2	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	ACPI version	5.0
Number of EPS power connectors (8-pin)	1	Clear CMOS jumper	✓
12V power connector	✓	Clear CMOS button	✓
Number of water pump connectors	1	Desktop Management Interface (DMI) version	2.7
RGB LED pin header	✓	System Management BIOS (SMBIOS) version	2.7
Number of RGB LED pin headers	4	Logistics data	
Rear panel I/O ports		Country of origin	China
USB 2.0 ports quantity *	2	Products per shipping (inner) case	1 pc(s)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Battery	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery weight	3 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Lithium weight per battery	0.07 g
Ethernet LAN (RJ-45) ports *	1	Number of battery cells	1
HDMI ports quantity *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
		Battery type	CR2032
		Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	1.3 kg
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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