

GIGABYTE B850I AORUS PRO Motherboard - AMD Ryzen 9000 Series CPUs, 8+2+1 Phases Digital VRM, up to 5200MHz 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

Product name : B850I AORUS PRO Motherboard - AMD Ryzen 9000 Series CPUs, 8+2+1 Phases Digital VRM, up to 5200MHz DDR5 (OC), 1xPCIe 5.0 + 1xPCIe 4.0 M.2, 2.5LAN, WIFI 7, USB 3.2 Gen 2



- 8+2+1 Phases Digital VRM with 80A Smart Power Stage
- Dual Channel DDR5□2DIMMs
- 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

B850I AORUS PRO Motherboard - AMD Ryzen 9000 Series CPUs, 8+2+1 Phases Digital VRM, up to 5200MHz DDR5 (OC), 1xPCIe 5.0 + 1xPCIe 4.0 M.2, 2.5LAN, WIFI 7, USB 3.2 Gen 2

GIGABYTE B850I AORUS PRO Motherboard - AMD Ryzen 9000 Series CPUs, 8+2+1 Phases Digital VRM, up to 5200MHz DDR5 (OC), 1xPCIe 5.0 + 1xPCIe 4.0 M.2, 2.5LAN, WIFI 7, USB 3.2 Gen 2:



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	DisplayPorts quantity	1
Processor socket *	Socket AM5	Headphone outputs	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Microphone in	✓
		WiFi-AP antenna jack	2
Supported processor sockets	Socket AM5	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	4	Wi-Fi *	✓
Memory slots type	DIMM	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
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), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
ECC compatibility	Non-ECC		
Supported memory clock speeds	4400,4800,5200 MHz	WLAN controller model	Realtek RTL8922AE
Supported memory clock speed (max)	5200 MHz	Bluetooth	✓
Maximum internal memory *	128 GB	Bluetooth version	5.4
Unbuffered memory	✓	Features	
Maximum internal memory per slot	64 GB	Motherboard chipset *	AMD B850
Storage controllers		Audio chip	Realtek ALC897
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Product colour	Black, Brown
Number of HDDs supported	2	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of storage drives supported	4		
RAID support	✓	Component for *	PC
RAID levels	0, 1, 10	Motherboard form factor *	mini ITX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11 x64

Graphics		Expansion slots	
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 5.x) slots	2
HDCP	✓	Number of M.2 (M) slots	2
DirectX version	12.0	1st M.2 largest key size	2280
Internal I/O		1st M.2 highest PCI Express generation	5.0
USB 2.0 connectors *	1	2nd M.2 largest key size	2280
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	BIOS	
Number of SATA III connectors *	2	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
Front panel connector	✓	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
CPU fan connector	✓	Clear CMOS button	✓
Number of CPU fan connectors	2	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	3	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
Number of EPS power connectors (8-pin)	1	Country of origin	China
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
Serial port headers	1	Battery	
12V power connector	✓	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Number of RGB LED pin headers	4	Number of battery cells	1
Rear panel I/O ports		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 ports quantity *	2	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Width	170 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Depth	170 mm
Ethernet LAN (RJ-45) ports *	1	Height	35 mm
HDMI ports quantity *	1	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)



4719331867263

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 13-DEC-2024. Prints or copies of Information are only valid on the printed Publication date