

## GIGABYTE B850I AORUS PRO emaplaat AMD B850 Protsessoripesa AM5 Mini ITX

**Brand :** GIGABYTE

**Product code:** B850I AORUS PRO

**Product name :** B850I AORUS PRO



GIGABYTE B850I AORUS PRO. Protsessori tootja: AMD, Protsessori pesa: Protsessoripesa AM5, Ühilduvad protsessoriseeriad: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 128 GB, Mälupesade tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 10. Maksimaalne resolutsioon: 4096 x 2160 pikslit. Ethernet-liidese tüüp: Gigabit Ethernet, Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi-standardid: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E...

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	✓
Supported processor sockets	Socket AM5	WiFi-AP antenna jack	2
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
ECC compatibility	Non-ECC	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 speeds	4400,4800,5200,8400 MHz	WLAN controller model	Realtek RTL8922AE
Supported memory clock speed (max)	8400 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	Component for *	PC
RAID support	✓	Motherboard form factor *	mini ITX
RAID levels	0, 1, 10	Motherboard chipset family *	AMD
Graphics		Windows operating systems supported	Windows 11 x64
Parallel processing technology support *	Not supported		

<b>Graphics</b>		<b>Expansion slots</b>	
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
<b>Internal I/O</b>		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	<b>BIOS</b>	
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)	✓	<b>Logistics data</b>	
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	<b>Battery</b>	
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
<b>Rear panel I/O ports</b>		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	<b>Weight &amp; dimensions</b>	
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	<b>Packaging content</b>	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		<b>Other features</b>	
		Weight	1.3 kg
		<b>Technical details</b>	
		Warranty period	3 year(s)



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