

## GIGABYTE B850 AORUS ELITE WIFI7 AMD B850 Protsessoripesa AM5 ATX

**Brand :** GIGABYTE

**Product code:** B850 A ELITE WF7

**Product name :** B850 AORUS ELITE WIFI7



GIGABYTE B850 AORUS ELITE WIFI7. Protsessori tootja: AMD, Protsessori pesa: Protsessoripesa AM5, Ühilduvad protsessoriseeriad: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Toetatud mälu tüübid: DDR5-SDRAM, Maksimaalne sisemälu: 256 GB, Mälupesa 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: 2.5 Gigabit Ethernet, Wi-Fi standard: Wi-Fi 7 (802.11be), WiFi-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	Microphone in	✓
Processor socket *	Socket AM5	WiFi-AP antenna jack	2
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Network	
Supported processor sockets	Socket AM5	Ethernet LAN	✓
Memory		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	WiFi *	✓
Number of memory slots *	4	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Memory slots type	DIMM	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)
Memory channels	Dual-channel	WLAN controller model	Realtek RTL8922AE
ECC compatibility	Non-ECC	Bluetooth	✓
Supported memory clock speeds	4400,4800,5200,8200 MHz	Bluetooth version	5.4
Supported memory clock speed (max)	8200 MHz	Features	
Maximum internal memory *	256 GB	Motherboard chipset *	AMD B850
Unbuffered memory	✓	Audio chip	Realtek ALC897
Maximum internal memory per slot	64 GB	Audio output channels *	7.1 channels
Storage controllers		Product colour	Black, Brown
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	ATX
Number of storage drives supported	7	Motherboard chipset family *	AMD
RAID support	✓	Power source type	ATX
RAID levels	0, 1, 10	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Graphics			
Parallel processing technology support *	Not supported		

<b>Graphics</b>		<b>Expansion slots</b>	
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 4.x) slots	2
HDCP	✓	Number of M.2 (M) slots	3
DirectX version	12.0	1st M.2 largest key size	25110
<b>Internal I/O</b>		1st M.2 highest PCI Express generation	5.0
USB 2.0 connectors *	2	2nd M.2 largest key size	22110
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	3rd M.2 largest key size	22110
USB 3.2 Gen 2x2 connectors	1	3rd M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	<b>BIOS</b>	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	ACPI version	5.0
CPU fan connector	✓	Clear CMOS jumper	✓
Number of CPU fan connectors	2	Clear CMOS button	✓
Number of chassis fan connectors	3	Desktop Management Interface (DMI) version	2.7
Peripheral (Molex) power connectors (4-pin)	1	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
Number of water pump connectors	2	Lithium weight per battery	0.07 g
RGB LED pin header	✓	Number of battery cells	1
Number of RGB LED pin headers	4	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
<b>Rear panel I/O ports</b>		Battery type	CR2032
USB 2.0 ports quantity *	4	<b>Packaging data</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5	Package width	335 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Package depth	270 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package height	80 mm
Ethernet LAN (RJ-45) ports *	1	Package weight	2.46 kg
HDMI ports quantity *	1	<b>Weight &amp; dimensions</b>	
DisplayPorts quantity	1	Width	305 mm
Headphone outputs	1	Depth	244 mm
		Height	35 mm
		<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	2.13 kg
		<b>Technical details</b>	
		Warranty period	3 year(s)



4719331866105

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: 05-FEB-2025. Prints or copies of Information are only valid on the printed Publication date