

GIGABYTE B850 AORUS ELITE WIFI7 AMD B850 Socket AM5 ATX

Merk : GIGABYTE

Artikelcode: B850 A ELITE WF7

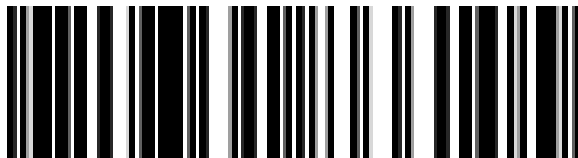
Productnaam : B850 AORUS ELITE WIFI7

GIGABYTE B850 AORUS ELITE WIFI7. Processorfabrikant: AMD, Processor socket: Socket AM5, Compatibele processors: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Ondersteunde geheugen types: DDR5-SDRAM, Maximum intern geheugen: 256 GB, Geheugen slots type: DIMM. Ondersteunde opslagstationinterfaces: M.2, SATA III, Ondersteunde types opslag-drives: HDD & SSD, Soorten RAID: 0, 1, 10. Maximum resolutie: 4096 x 2160 Pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi-standaarden: 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	Headphone outputs	1
Processor socket *	Socket AM5	Microphone in	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Wi-Fi-AP antenna jack	2
Supported processor sockets	Socket AM5	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	2.5 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		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	Wi-Fi standards	
Supported memory clock speeds	4400,4800,5200,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200 MHz	WLAN controller model	Realtek RTL8922AE
Supported memory clock speed (max)	8200 MHz	Bluetooth	✓
Maximum internal memory *	256 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	4	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of storage drives supported	7	Component for *	PC
RAID support	✓	Motherboard form factor *	ATX
RAID levels	0, 1, 10	Motherboard chipset family *	AMD
Graphics		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	2
USB 3.2 Gen 2x2 connectors	1	Number of M.2 (M) slots	3
Number of SATA III connectors *	4	1st M.2 largest key size	25110
Total number of SATA connectors	4	1st M.2 highest PCI Express generation	5.0
Front panel audio connector	✓	2nd M.2 largest key size	22110
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	3rd M.2 largest key size	22110
CPU fan connector	✓	3rd M.2 highest PCI Express generation	4.0
Number of CPU fan connectors	2	BIOS	
Number of chassis fan connectors	3	BIOS type *	UEFI AMI
Peripheral (Molex) power connectors (4-pin)	1	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	✓
TPM connector	✓	Clear CMOS button	✓
Serial port headers	1	Desktop Management Interface (DMI) version	2.7
12V power connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of water pump connectors	2	Logistics data	
RGB LED pin header	✓	Country of origin	China
Number of RGB LED pin headers	4	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 2.0 ports quantity *	4	Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Number of battery cells	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
HDMI ports quantity *	1	Packaging data	
HDMI version	1.4	Package width	335 mm
DisplayPorts quantity	1	Package depth	270 mm
DisplayPort version	1.4	Package height	80 mm
		Package weight	2.46 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 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	2.13 kg
		Technical details	
		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: 01-MAR-2025. Prints or copies of Information are only valid on the printed Publication date