

GIGABYTE B850 GAMING X WIFI6E emaplaat AMD B850 Protsessoripesa AM5 ATX

Brand : GIGABYTE

Product code: B850 GAMING X WIFI6E

Product name : B850 GAMING X WIFI6E



GIGABYTE B850 GAMING X WIFI6E. 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: 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 6E (802.11ax), 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		Network	
Processor manufacturer *	AMD	Ethernet LAN	✓
Processor socket *	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Wi-Fi *	✓
Supported processor sockets	Socket AM5	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
		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)
		WLAN controller model	Realtek RTL8111H
		Bluetooth	✓
		Bluetooth version	5.3
Memory		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	AMD B850
Number of memory slots *	4	Audio chip	Realtek ALC897
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Brown
ECC compatibility	Non-ECC	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported memory clock speeds	4400,4800,5200,8200 MHz	Component for *	PC
Supported memory clock speed (max)	8200 MHz	Motherboard form factor *	ATX
Maximum internal memory *	256 GB	Motherboard chipset family *	AMD
Unbuffered memory	✓	Power source type	ATX
Maximum internal memory per slot	64 GB	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x16 (Gen 3.x) slots	2
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 (Gen 5.x) slots	1
Number of HDDs supported	4	Number of M.2 (M) slots	3
Number of storage drives supported	7	1st M.2 largest key size	25110
RAID support	✓	1st M.2 highest PCI Express generation	5.0
RAID levels	0, 1, 10	2nd M.2 largest key size	22110
Graphics			
Parallel processing technology support *	Not supported		
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		

Graphics		Expansion slots	
DirectX version	12.0	2nd M.2 highest PCI Express generation	4.0
Internal I/O		3rd M.2 largest key size	22110
USB 2.0 connectors *	2	3rd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
USB 3.2 Gen 2x2 connectors	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Clear CMOS button	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
Number of CPU fan connectors	2	System Management BIOS (SMBIOS) version	2.7
Number of chassis fan connectors	3	Logistics data	
Peripheral (Molex) power connectors (4-pin)	1	Country of origin	China
EPS power connector (8-pin)	✓	Products per shipping (inner) case	1 pc(s)
Number of EPS power connectors (8-pin)	1	Battery	
TPM connector	✓	Battery weight	3 g
Serial port headers	1	Lithium weight per battery	0.07 g
12V power connector	✓	Number of battery cells	1
Number of water pump connectors	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
RGB LED pin header	✓	Battery type	CR2032
Number of RGB LED pin headers	4	Packaging data	
Rear panel I/O ports		Package width	335 mm
USB 2.0 ports quantity *	3	Package depth	270 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package height	80 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package weight	2.38 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Width	305 mm
HDMI ports quantity *	1	Depth	244 mm
DisplayPorts quantity	1	Height	35 mm
Headphone outputs	1	Packaging content	
Microphone in	✓	Batteries included	✓
WiFi-AP antenna jack	2	Antenna included	✓
		Screws included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
Other features		Weight	2.1 kg
Technical details		Warranty period	3 year(s)



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