

ASUS ROG STRIX B850-F GAMING WIFI7 NEO AMD B850 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1NX0-M0EAY0

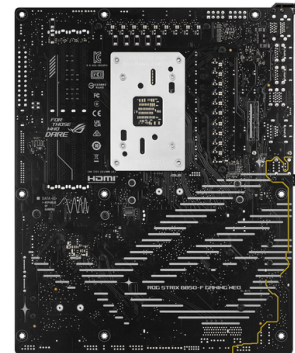
Product name : ROG STRIX B850-F GAMING WIFI7 NEO

AMD Socket AM5, AMD B850, 4 x DIMM slots, max. 256GB, DDR5, 2x2 Wi-Fi 7 (802.11be), Bluetooth 5.4, 256 Mb Flash ROM, UEFI AMI BIOS, ATX

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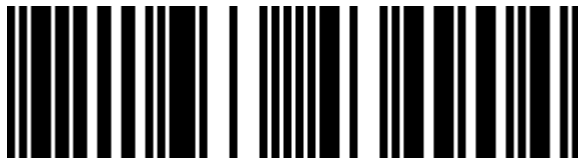
ROG STRIX B850-F gaming wifi7 neo

The ROG STRIX B850-F GAMING WIFI7 Neo is engineered to dominate. Built to unleash the full potential of AMD Ryzen™ 9000, 8000, and 7000 Series processors, this motherboard combines advanced power design with AI technologies to ensure peak performance. It delivers the uncompromised speed and stability essential for elite gaming and the demands of next-gen AI PC applications.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	USB 3.2 Gen 2x2 Type-C ports quantity	1
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	Network	
ECC compatibility	ECC & Non-ECC	Ethernet LAN	✓
Supported memory clock speed (max)	8000 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	256 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Storage controllers		Wi-Fi standards	Wi-Fi 7 (802.11be)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.4
Number of HDDs supported	2	Features	
Number of storage drives supported	6	Motherboard chipset *	AMD B850
RAID support	✓	Audio chip	Realtek ALC4080
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
		Product colour	Multicolour
		Component for *	PC

Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard form factor *	ATX
On-board graphics card	✗	Motherboard chipset family *	AMD
		Windows operating systems supported	Windows 11
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Number of M.2 (M) slots	4
Number of SATA III connectors *	2	1st M.2 largest key size	2280
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of CPU fan connectors	1	Clear CMOS button	✓
Number of chassis fan connectors	4	Packaging data	
EPS power connector (8-pin)	✓	Package width	353 mm
Thunderbolt headers	1	Package depth	273 mm
12V power connector	✓	Package height	68 mm
		Package weight	2.18 kg
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Depth	244 mm
		Other features	
		Weight	1.63 kg



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Catalog Object Cloud



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