



ASUS ROG STRIX Z890-E GAMING WIFI Intel Z890 LGA 1851 (Socket V1) ATX

Brand : ASUS

Product code: 90MB1IM0-M0EAY0

Product name : ROG STRIX Z890-E GAMING WIFI

Intel Z890, 4 x DIMM slots, max. 192GB, DDR5, Realtek 5Gb Ethernet, Wi-Fi 7, Bluetooth 5.4, 256Mb Flash ROM, UEFI AMI BIOS, ATX

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ROG STRIX Z890-E gaming wifi

With an advanced power design and AI features, the ROG Strix Z890-E Gaming WiFi delivers top-tier performance. Equipped with Thunderbolt™ 4, WiFi 7, high-speed DDR5 slots, and seven M.2 slots, it provides exceptional connectivity and speed, making it ideal for elite gaming and advanced AI PC applications.

ASUS ROG STRIX Z890-E GAMING WIFI. Processor manufacturer: Intel, Processor socket: LGA 1851 (Socket V1), Compatible processor series: Intel Core Ultra (Series 2). Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. USB connector type: USB Type-A, USB Type-C. Ethernet interface type: 5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be)



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	7
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Compatible processor series *	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	Thunderbolt ports quantity	2
Non-ECC	✓	USB connector type	USB Type-A, USB Type-C
Supported memory clock speed (max)	8800 MHz	Network	
Maximum internal memory *	192 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	5 Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.4
Number of storage drives supported	11	Features	
RAID support	✓	Motherboard chipset *	Intel Z890
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC4080
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	Black
On-board graphics card	✗	Component for *	PC
Internal I/O		Motherboard form factor *	ATX
USB 2.0 connectors *	3	Motherboard chipset family *	Intel
		Windows operating systems supported	Windows 11

Internal I/O	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
USB 3.2 Gen 2x2 connectors	1
Number of SATA III connectors *	4
Front panel audio connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	5
Chassis intrusion connector	✓
EPS power connector (8-pin)	✓
Thunderbolt headers	1
12V power connector	✓
Rear panel I/O ports	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3

Expansion slots	
PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	7
BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS button	✓
Packaging data	
Package width	356 mm
Package depth	87 mm
Package height	281 mm
Package weight	2.58 kg
Weight & dimensions	
Width	305 mm
Depth	244 mm



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