

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

**Brand :** ASUS

**Product code:** 90MB1I90-M0EAY0

**Product name :** ROG STRIX Z890-A GAMING WIFI

ROG STRIX Z890-A GAMING WIFI motherboard socket Intel LGA 1851 (ATX, Advanced AI, DDR5, WiFi 7, 5x M.2, PCIe 5.0, 2x Thunderbolt 4, Q-Release, DIMM Flex)

ASUS ROG STRIX Z890-A 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. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), 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.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1851 (Socket V1)	HDMI ports quantity *	1
Compatible processor series *	Intel Core Ultra (Series 2)	HDMI version	2.1
Memory		DisplayPorts quantity	1
Supported memory types *	DDR5-SDRAM	DisplayPort version	1.4
Number of memory slots *	4	Headphone outputs	1
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	S/PDIF out port	✓
ECC compatibility	Non-ECC	Thunderbolt ports quantity	2
Supported memory clock speed (max)	8600 MHz	WiFi-AP antenna jack	2
Maximum internal memory *	192 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✓
Supported storage drive interfaces *	M.2, SATA III	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Number of HDDs supported	4	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)
Number of storage drives supported	9	Bluetooth	✓
RAID support	✓	Bluetooth version	5.4
RAID levels	0, 1, 5, 10	Features	
Graphics		Motherboard chipset *	Intel Z890
Parallel processing technology support *	Not supported	Audio chip	Realtek ALC4080
On-board graphics card	✗	Audio output channels *	7.1 channels
Internal I/O		Product colour	White
USB 2.0 connectors *	2	Component for *	PC
		Motherboard form factor *	ATX

Internal I/O		Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Cooling type	Passive
Number of SATA III connectors *	4	Power source type	ATX
Front panel audio connector	✓	Windows operating systems supported	Windows 11
ATX Power connector (24-pin)	✓	Expansion slots	
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	5	PCI Express x16 (Gen 5.x) slots	1
Chassis intrusion connector	✓	Number of M.2 (M) slots	5
EPS power connector (8-pin)	✓	BIOS	
Thunderbolt headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	256 Mbit
RGB LED pin header	✓	Clear CMOS button	✓
Rear panel I/O ports		Packaging data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Package width	353 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5	Package depth	273 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package height	68 mm
		Package weight	1.98 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Other features	
		Quick installation guide	✓
		Back-to-BIOS button	✓



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### Catalog Object Cloud



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