

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

Brand : ASUS

Product code: 90MB1I40-M0EAY0

Product name : ROG STRIX Z890-F GAMING WIFI

Intel Z890, LGA1851, 4 x DIMM slots, max. 192GB, DDR5, Intel 2.5Gb Ethernet, Wi-Fi 7, Bluetooth 5.4, 256 Mb Flash ROM, UEFI AMI BIOS, ATX

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ROG STRIX Z890-F gaming wifi

With NPU boosting and cutting-edge AI solutions, the ROG STRIX Z890-F Gaming WiFi supports advanced AI-driven PC applications. Equipped with Thunderbolt™ 4, PCIe® 5.0, and Polymo lighting, it delivers blazing-fast data transfers, unparalleled connectivity and a customizable aesthetic that can be either subtle or bold.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Compatible processor series *	Intel Core Ultra (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
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	Microphone in	✓
Memory channels	Dual-channel	S/PDIF out port	✓
ECC compatibility	Non-ECC	Thunderbolt ports quantity	2
Supported memory clock speed (max)	8600 MHz	Network	
Maximum internal memory *	192 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 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	9	Features	
RAID support	✓	Motherboard chipset *	Intel Z890
RAID levels	0, 1, 5	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 *	2	Motherboard chipset family *	Intel

Internal I/O		Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Windows operating systems supported	Windows 11
USB 3.2 Gen 2x2 connectors	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
Front panel audio connector	✓	PCI Express x16 (Gen 5.x) slots	1
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	5
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	5	BIOS type *	UEFI AMI
Chassis intrusion connector	✓	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	Clear CMOS button	✓
Thunderbolt headers	1	Packaging data	
12V power connector	✓	Package width	353 mm
Rear panel I/O ports		Package depth	273 mm
USB 2.0 ports quantity *	2	Package height	68 mm
		Package weight	1.98 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm



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