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

Brand : ASUS

Product name : ROG STRIX Z890-F GAMING WIFI

Product code: 90MB1I40-M0EAY0

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

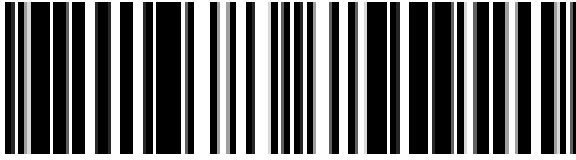ASUS ROG STRIX Z890-F GAMING WIFI Intel Z890 LGA 1851 (Socket V1) ATX:

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	
Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel Core Ultra (Series 2)

Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✔
Supported memory clock speed (max)	8600 MHz
Maximum internal memory *	192 GB
Unbuffered memory	✔

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	9

Graphics	
Parallel processing technology support *	Not supported

Internal I/O	
USB 2.0 connectors *	2
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	✔

Rear panel I/O ports	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Microphone in	✔
S/PDIF out port	✔
Thunderbolt ports quantity	2

Network	
Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Bluetooth	✔
Bluetooth version	5.4

Features	
Motherboard chipset *	Intel Z890
Audio chip	Realtek ALC4080
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 11

Internal I/O

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 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	5

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS button	✔

Packaging data

Package width	353 mm
Package depth	273 mm
Package height	68 mm
Package weight	1.98 kg

Weight & dimensions

Width	305 mm
Depth	244 mm

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