

ASUS TUF GAMING Z890-PRO WIFI Intel Z890 LGA 1851 (Socket V1) ATX

Brand : ASUS

Product code: 90MB1IR0-M0EAY0

Product name : TUF GAMING Z890-PRO WIFI

Intel Z890 Chipset, 4 x DIMM slots, max. 192GB, DDR5

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TUF GAMING Z890-PRO WIFI

ASUS TUF GAMING Z890-PRO WIFI takes all the essential elements of the latest Intel® Core™ Ultra Processors (Series 2) processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor socket *	LGA 1851 (Socket V1)	DisplayPorts quantity	1
Compatible processor series *	Intel Core Ultra (Series 2)	Microphone in	✓
Supported processor sockets	LGA 1851	Thunderbolt ports quantity	2
Memory		WiFi-AP antenna jack	1
Supported memory types *	DDR5-SDRAM	Network	
Number of memory slots *	4	Ethernet LAN	✓
Memory slots type	DIMM	Ethernet interface type	2.5 Gigabit Ethernet
Memory channels	Dual-channel	Wi-Fi *	✓
Non-ECC	✓	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory *	192 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Unbuffered memory	✓	Bluetooth	✓
Storage controllers		Bluetooth version	5.4
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel Z890
Number of HDDs supported	4	Audio chip	Realtek ALC1220P
Number of storage drives supported	8	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	Intel
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 4.x) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x4 (Gen 4.x) slots	1
USB 3.2 Gen 2x2 connectors	1	PCI Express x16 (Gen 4.x) slots	1
Number of SATA III connectors *	4	PCI Express x16 (Gen 5.x) slots	1
Front panel audio connector	✓	Number of M.2 (M) slots	4
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit

Internal I/O		Packaging data	
Number of chassis fan connectors	4	Package width	353 mm
Chassis intrusion connector	✓	Package depth	273 mm
Number of COM connectors	1	Package height	68 mm
Thunderbolt headers	1	Package weight	2.5 kg
12V power connector	✓	Weight & dimensions	
Rear panel I/O ports		Width	305 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Depth	244 mm
Ethernet LAN (RJ-45) ports *	1	Packaging content	
		Cables included	SATA
		Screws included	✓



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