

GIGABYTE Z890 AORUS ELITE WIFI7 Motherboard

Brand : GIGABYTE

Product code: Z890 A ELITE WIFI7

Product name : Z890 AORUS ELITE WIFI7 Motherboard

- Digital 16+1+2+1 Phases 80A SPS VRM with Tantalum Polymer Capacitor
 - Reinforced PCIe UD Slot X PCIe 5.0 with PCIe EZ-Latch Plus Design
 - PCIe M.2 design (Up to 25110) with M.2 EZ-Latch Plus & Thermal Guard
 - Fully Covered MOSFET Heatsinks with heatpipe/M.2 EZ-Latch Click Design
 - 2x2 Wi-Fi 7 with WIFI EZ-Plug Design
 - 2.5GbE LAN, THUNDERBOLT 4 Type-C, USB 3.2 Gen2 Type-C
- Supports Intel Core Ultra (Series 2) CPUs, 16+1+2 phases VRM, up to 8800MHz DDR5 (OC), 1xPCIe 5.0 + 3xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, Thunderbolt 4

GIGABYTE Z890 AORUS ELITE WIFI7 Motherboard:

Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge



Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor socket *	LGA 1851 (Socket V1)	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	Intel Core Ultra (Series 2)	Wi-Fi *	✓
Supported processor sockets	LGA 1851	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory supported by processor	256 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Supported memory module capacities		WLAN controller model	MediaTek MT7925
		Bluetooth	✓
		Bluetooth version	5.4
		Features	
		Motherboard chipset *	Intel Z890
		Audio chip	Realtek ALC1220
		Audio output channels *	7.1 channels
		Product colour	Black
Storage controllers		PC health monitoring	Fan, Temperature, Voltage
		Component for *	PC
		Motherboard form factor *	ATX
		Motherboard chipset family *	Intel
		Windows operating systems supported	Windows 11 x64
Graphics		Expansion slots	
		PCI Express x16 (Gen 4.x) slots	2
		PCI Express x16 (Gen 5.x) slots	1
		Number of M.2 (M) slots	4
Internal I/O		BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		ACPI version	5.0
		Clear CMOS jumper	✓
Storage controllers		Supported storage drive types	HDD & SSD
		Supported storage drive interfaces *	M.2, SATA III
		Number of HDDs supported	8
		Number of storage drives supported	4
Graphics		RAID support	✓
		RAID levels	0, 1, 5, 10
		On-board graphics card	✗
		DirectX version	12.0
Internal I/O		USB 2.0 connectors *	2
		USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
		USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1

Internal I/O		BIOS	
Number of SATA III connectors *	4	Clear CMOS button	✓
Total number of SATA connectors	4	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
Number of EPS power connectors (8-pin)	1	Country of origin	China
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
12V power connector	✓	Battery	
RGB LED pin header	✓	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
HDMI ports quantity *	1	Package width	335 mm
DisplayPorts quantity	2	Package depth	270 mm
Microphone in	✓	Package height	80 mm
S/PDIF out port	✓	Package weight	2.5 kg
Thunderbolt ports quantity	1	Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	2.23 kg
		Technical details	
		Warranty period	3 year(s)



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