

## GIGABYTE Z890 GAMING X WIFI7 Motherboard - 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, USB 4



**Brand :** GIGABYTE

**Product code:** Z890 GAMING X WIFI7

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- Digital 16+1+2+1 Phases 60A DrMOS VRM with Solid 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, USB 4.0 Type-C, USB 3.2 Gen2 Type-C

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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)
<b>Memory</b>		WLAN controller model	MediaTek MT7925
Supported memory types *	DDR5-SDRAM	Bluetooth	✓
Number of memory slots *	4	Bluetooth version	5.4
Memory slots type	DIMM	<b>Features</b>	
Memory channels	Dual-channel	Motherboard chipset *	Intel Z890
ECC compatibility	Non-ECC	Audio chip	Realtek ALC1220
Supported memory clock speeds (MHz)	5600, 5800, 6000, 6200, 6400, 6600, 6800, 7000, 7200, 7400, 7600, 7800, 7900, 7950, 8000, 8200, 8266, 8400, 8600	Audio output channels *	7.1 channels
Supported memory clock speed (max)	8800 MHz	Product colour	Black
Maximum internal memory *	256 GB	PC health monitoring	Fan, Temperature, Voltage
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB	Component for *	PC
<b>Storage controllers</b>		Motherboard form factor *	ATX
Supported storage drive types	HDD & SSD	Motherboard chipset family *	Intel
Supported storage drive interfaces *	M.2, SATA III	Windows operating systems supported	Windows 11 x64
Number of HDDs supported	8	<b>Expansion slots</b>	
Number of storage drives supported	4	PCI Express x16 slots	1
RAID support	✓	Number of M.2 (M) slots	4
RAID levels	0, 1, 5, 10	<b>BIOS</b>	
<b>Graphics</b>		BIOS type *	UEFI AMI
DirectX version	12.0	BIOS memory size	256 Mbit
<b>Internal I/O</b>		ACPI version	5.0
USB 2.0 connectors *	2	Clear CMOS jumper	✓
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Clear CMOS button	✓
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		
Number of SATA III connectors *	4		

<b>Internal I/O</b>		<b>BIOS</b>	
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)	✓		
TPM connector	✓		
12V power connector	✓		
RGB LED pin header	✓		
<b>Rear panel I/O ports</b>		<b>Logistics data</b>	
USB 2.0 ports quantity *	4	Country of origin	China
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Products per shipping (inner) case	1 pc(s)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2		
Ethernet LAN (RJ-45) ports *	1		
HDMI ports quantity *	1		
DisplayPorts quantity	2		
Microphone in	✓		
S/PDIF out port	✓		
Thunderbolt ports quantity	2		
<b>Battery</b>		<b>Battery</b>	
		Battery weight	3 g
		Lithium weight per battery	0.07 g
		Number of battery cells	1
		Battery technology	Lithium-Manganese Dioxide (LiMnO <sub>2</sub> )
		Battery type	CR2032
<b>Packaging data</b>		<b>Packaging data</b>	
		Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.55 kg
<b>Weight &amp; dimensions</b>		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
<b>Packaging content</b>		<b>Packaging content</b>	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
<b>Other features</b>		<b>Other features</b>	
		Weight	2.27 kg
<b>Technical details</b>		<b>Technical details</b>	
		Warranty period	3 year(s)



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### Catalog Object Cloud



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