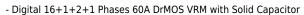
## **GIGABYTE Z890 GAMING X WIFI7 Motherboard - Supports Intel** Core Ultra (Series 2) CPUs, 16+1+2 phases VRM, up to 8800MHz DDR5 (OC), 1xPCle 5.0 + 3xPCle 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

**Brand**: GIGABYTE Product code: Z890 GAMING X WIFI7

Product name: Z890 GAMING X WIFI7 Motherboard -Supports Intel Core Ultra (Series 2) CPUs, 16+1+2 phases VRM, up to 8800MHz DDR5 (OC), 1xPCle 5.0 + 3xPCle 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4



- 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 * Processor socket * Compatible processor series * Supported processor sockets Maximum internal memory supported by processor		Intel LGA 1851 (Socket V1) Intel Core Ultra (Series 2) LGA 1851 256 GB	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller model	2.5 Gigabit Ethernet  Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) MediaTek MT7925
Supported memory types * Number of memory slots * Memory slots type Memory channels Non-ECC Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Supported memory module capacities	DDR5-SDRAM 4 DIMM		Bluetooth Bluetooth version	5.4
	Dual-channel 5600,5800,6000,6200,6400,6600 MHz  8800 MHz  256 GB  1GB, 2GB, 4GB, 8GB, 12GB, 16GE	,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600	Features  Motherboard chipset *  Audio chip  Audio output channels *	Intel Z890 Realtek ALC1220 7.1 channels
Storage controllers			Product colour	Black
Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels		8	PC health monitoring Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported	Fan, Temperature, Voltage PC ATX Intel Windows 11 x64
		0, 1, 3, 10	Expansion slots	
<b>Graphics</b> DirectX version		12.0	PCI Express x16 slots Number of M.2 (M) slots	1 4
Internal I/O			BIOS	
USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * USB 3.2 Gen 2 (3.1 Gen 2)		2 1	BIOS type * BIOS memory size ACPI version	UEFI AMI 256 Mbit 5.0
connectors *		1	Clear CMOS jumper	1
Number of SATA III connectors * Total number of SATA connectors ATX Power connector (24-pin)		4 4 ✓	Clear CMOS button  Desktop Management Interface (DMI) version	2.7

Internal I/O		BIOS	
EPS power connector (8-pin) TPM connector	1	System Management BIOS (SMBIOS) version	2.7
12V power connector	1	Logistics data	
RGB LED pin header	✓	Country of origin	China
Rear panel I/O ports		Products per shipping (inner) case	1 pc(s)
USB 2.0 ports quantity *	4 3 2 1	Battery	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *		Battery weight Lithium weight per battery	3 g 0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *		Number of battery cells	1
Ethernet LAN (RJ-45) ports * HDMI ports quantity *		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
DisplayPorts quantity	2	Battery type	CR2032
Microphone in	<b>✓</b>	Packaging data	
S/PDIF out port	✓	Package width	335 mm
Thunderbolt ports quantity	2	Package depth	270 mm
		Package height	80 mm
		Package weight	2.55 kg
		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	2.27 kg
		Technical details	
		Warranty period	3 year(s)



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