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GIGABYTE Z890M GAMING X Motherboard - Supports Intel Core Ultra (Series 2) CPUs, 8+1+2 phases VRM, up to 8800MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0, 2.5GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: Z890M GAMING X

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- Digital 8+1+2+1 Phases 50A PowerPak VRM with Solid Capacitor
- Reinforced PCIe UD Slot PCIe 5.0 with PCIe EZ-Latch Design
- PCIe M.2 design (Up to 2580) with Thermal Guard
- Fully Covered MOSFET Heatsinks
- 2.5GbE LAN, USB 3.2 Gen1 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		Rear panel I/O ports	
Processor manufacturer *	Intel	S/PDIF out port	1
Processor socket *	GA 1851 (Socket V1) Network		
Compatible processor series * Supported processor sockets Maximum internal memory supported by processor	Intel Core Ultra (Series 2) LGA 1851 256 GB	Ethernet LAN Ethernet interface type Wi-Fi *	✓ 2.5 Gigabit Ethernet ★
Memory		Features	
Supported memory types * DDR5-SDRAM Number of memory slots * 4 Memory slots * 4 Memory channels DIMM Non ECC 4 Supported memory clock speeds 5600,5800,6000,6200,6400,6600 Supported memory clock speeds 8800 MHz Maximum internal memory * 256 GB Supported memory module 1GB, 2GB, 4GB, 8GB, 12GB, 16GB	6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600 , 24GB, 32GB, 40GB, 48GB, 64GB	Motherboard chipset * Audio output channels * Product colour PC health monitoring Component for * Motherboard form factor *	Intel Z890 7.1 channels Black Fan, Temperature, Voltage PC micro ATX
Storage controllers		Motherboard chipset family *	Intel
Supported storage drive types Supported storage drive interfaces *	HDD & SSD M.2, SATA III	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	7	Expansion slots	
Number of storage drives supported RAID support RAID levels	4 • 0, 1, 5, 10	PCI Express x16 slots Number of M.2 (M) slots	1 3
Graphics		BIOS	
DirectX version	12.0	BIOS type * BIOS memory size	UEFI AMI 256 Mbit
Internal I/O		ACPI version	5.0
USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Clear CMOS jumper Clear CMOS button	4
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Desktop Management Interface (DMI) version	2.7
Number of SATA III connectors *	4	System Management BIOS (SMBIOS) version	2.7
Total number of SATA connectors	4	Logistics data	
ATX Power connector (24-pin) EPS power connector (8-pin) TPM connector		Country of origin Products per shipping (inner) case	China 1 pc(s)

Internal I/O		Battery	
12V power connector	4	Battery weight	3 g
RGB LED pin header	1	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
HDMI ports quantity *	1	Package width	270 mm
DisplayPorts quantity	2	Package depth	268 mm
Microphone in	1	Package height	68 mm
		Package weight	1.22 kg
		Weight & dimensions	

Width

Depth

Height

Packaging content Batteries included

Bundled software

Other features

Technical details Warranty period

Weight

244 mm

244 mm

35 mm

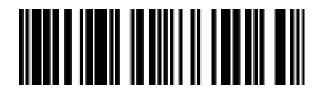
1.1 kg

3 year(s)

Norton® Internet Security (OEM version) LAN bandwidth

management software

1



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