

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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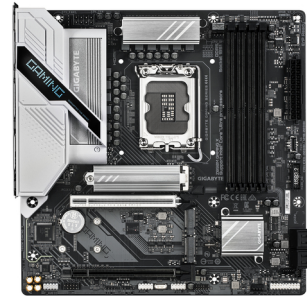


- Digital 8+1+2+1 Phases 50A PowerPak VRM with Solid Capacitor
- Reinforced PCIe UD Slot PCIe 5.0 with PCIe EZ-Latch Design
- PCIe M.2 design (Up to 2580) with Thermal Guard
- Fully Covered MOSFET Heatsinks
- 2.5GbE LAN, USB 3.2 Gen1 Type-C®

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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	Microphone in	✓
Processor socket *	LGA 1851 (Socket V1)	S/PDIF out port	✓
Compatible processor series *	Intel Core Ultra (Series 2)	Network	
Supported processor sockets	LGA 1851	Ethernet LAN	✓
Maximum internal memory supported by processor	256 GB	Ethernet interface type	2.5 Gigabit Ethernet
Memory		Wi-Fi *	✗
Supported memory types *	DDR5-SDRAM	Features	
Number of memory slots *	4	Motherboard chipset *	Intel Z890
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Black
Non-ECC	✓	PC health monitoring	Fan, Temperature, Voltage
Supported memory clock speeds MHz	5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600	Component for *	PC
Supported memory clock speed (max)	8800 MHz	Motherboard form factor *	micro ATX
Maximum internal memory *	256 GB	Motherboard chipset family *	Intel
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x16 slots	1
Supported storage drive interfaces *	M.2, SATA III	Number of M.2 (M) slots	3
Number of HDDs supported	7	BIOS	
Number of storage drives supported	4	BIOS type *	UEFI AMI
RAID support	✓	BIOS memory size	256 Mbit
RAID levels	0, 1, 5, 10	ACPI version	5.0
Graphics		Clear CMOS jumper	✓
DirectX version	12.0	Clear CMOS button	✓
Internal I/O		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Logistics data	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Country of origin	China
Number of SATA III connectors *	4		
Total number of SATA connectors	4		
ATX Power connector (24-pin)	✓		
EPS power connector (8-pin)	✓		
TPM connector	✓		

Internal I/O		Logistics data	
12V power connector	✓	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Rear panel I/O ports		Battery weight	3 g
USB 2.0 ports quantity *	2	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Number of battery cells	1
Ethernet LAN (RJ-45) ports *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
HDMI ports quantity *	1	Battery type	CR2032
DisplayPorts quantity	2	Packaging data	
		Package width	270 mm
		Package depth	268 mm
		Package height	68 mm
		Package weight	1.22 kg
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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