



GIGABYTE Z890M AORUS ELITE WIFI7 ICE Motherboard - Supports Intel Core Ultra (Series 2) CPUs, 12+1+2 phases VRM, up to 8800MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

Brand : GIGABYTE

Product code: Z890M A ELITE WF7 ICE

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- Digital 12+1+2+1 Phases 60A Dr.MOS 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 2580) 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		Rear panel I/O ports	
Processor manufacturer *	Intel	Thunderbolt ports quantity	1
Processor socket *	LGA 1851 (Socket V1)	Network	
Compatible processor series *	Intel Core Ultra (Series 2)	Ethernet LAN	✓
Supported processor sockets	LGA 1851	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory supported by processor	256 GB	Wi-Fi *	✓
Memory		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported memory types *	DDR5-SDRAM	Wi-Fi standards	Wi-Fi 7 (802.11be)
Number of memory slots *	4	WLAN controller model	MediaTek MT7925
Memory slots type	DIMM	Bluetooth	✓
Memory channels	Dual-channel	Bluetooth version	5.4
Supported memory clock speeds	5600,5800,6000,6200,6600,6800,7200,7400,7600,7800,7900,7950,8000,8200,8400,8600	Features	
Supported memory clock speed (max)	8800 MHz	Motherboard chipset *	Intel Z890
Maximum internal memory *	256 GB	Audio output channels *	7.1 channels
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB	Product colour	White
Storage controllers		PC health monitoring	Fan, Temperature, Voltage
Supported storage drive types	HDD & SSD	Component for *	PC
Supported storage drive interfaces *	M.2, SATA III	Motherboard form factor *	ATX
Number of HDDs supported	7	Motherboard chipset family *	Intel
Number of storage drives supported	4	Expansion slots	
RAID support	✓	Number of M.2 (M) slots	3
RAID levels	0, 1, 5, 10	BIOS	
Graphics		BIOS type *	UEFI AMI
DirectX version	12.0	BIOS memory size	256 Mbit
Internal I/O		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	Desktop Management Interface (DMI) version	2.7
Number of SATA III connectors *	4		
Total number of SATA connectors	4		

Internal I/O		BIOS	
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
TPM connector	✓	Country of origin	China
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 *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
HDMI ports quantity *	1	Packaging data	
DisplayPorts quantity	2	Package width	270 mm
Microphone in	✓	Package depth	268 mm
S/PDIF out port	✓	Package height	68 mm
		Package weight	1.75 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
		Other features	
		Weight	1.55 kg
		Technical details	
		Warranty period	3 year(s)



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