

GIGABYTE Z890 AERO G Motherboard

Brand : GIGABYTE

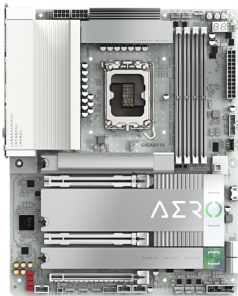
Product code: Z890 AERO G

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- Digital 16+1+2+1 Phases 80A SPS 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 25110) with M.2 EZ-Latch Plus & Thermal Guard
 - Fully Covered MOSFET Heatsinks with heatpipe/M.2 EZ-Latch Click Design
 - Intel 2x2 Wi-Fi 7 BE202 with WIFI EZ-Plug Design
 - Dual Intel 2.5GbE LAN, THUNDERBOLT 4 Type-C, USB 3.2 Gen2x2 Type-C
 - Dual 10GbE LAN, Thunderbolt 4 Type-C, USB 3.2 Gen2x2 Type-C
- Supports Intel Core Ultra (Series 2) CPUs, 16+1+2 phases VRM, up to 8800MHz DDR5 (OC), 1xPCIe 5.0 + 4xPCIe 4.0,Wi-Fi 7, 2.5GbE LAN, Thunderbolt 4

GIGABYTE Z890 AERO G Motherboard:

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)
Memory		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Supported memory types *	DDR5-SDRAM		
Number of memory slots *	4		
Memory slots type	DIMM		
Memory channels	Dual-channel		
ECC compatibility	Non-ECC	WLAN controller model	Intel Wi-Fi 7 BE202
Supported memory clock speeds	5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600,8800 MHz		
Supported memory clock speed (max)	8800 MHz		
Maximum internal memory *	256 GB	Bluetooth	✓
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB	Bluetooth version	5.4
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	Intel Z890 Express
Supported storage drive interfaces *	M.2, SATA III	Audio chip	Realtek ALC1220
Number of HDDs supported	9	Audio output channels *	7.1 channels
Number of storage drives supported	4	Product colour	White
RAID support	✓	PC health monitoring	Fan, Temperature, Voltage
RAID levels	0, 1, 5, 10	Component for *	PC
Graphics		Motherboard form factor *	ATX
DirectX version	12.0	Motherboard chipset family *	Intel
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	Number of M.2 (M) slots	5
USB 3.2 Gen 1 (3.1 Gen 1) connectors *		BIOS	
USB 3.2 Gen 2x2 connectors	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Total number of SATA connectors	4	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
		Clear CMOS button	✓

Internal I/O		BIOS	
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
TPM connector	✓	System Management BIOS (SMBIOS) version	2.7
12V power connector	✓		
RGB LED pin header	✓		
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	2	Country of origin	China
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	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	1		
		Battery	
		Battery weight	3 g
		Lithium weight per battery	0.07 g
		Number of battery cells	1
		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
		Battery type	CR2032
		Packaging data	
		Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.61 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	2.29 kg
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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