

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

Brand : GIGABYTE

Product code: Z890 A ELITE WIFI7

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



- 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
- 2x2 Wi-Fi 7 with WIFI EZ-Plug Design
- 2.5GbE LAN, THUNDERBOLT 4 Type-C, USB 3.2 Gen2 Type-C

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

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

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

Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel Core Ultra (Series 2)
Supported processor sockets	LGA 1851
Maximum internal memory supported by processor	256 GB

Memory

Supported memory types *	DDRS5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds MHz	5600, 5800, 6000, 6200, 6400, 6600, 6800, 7000, 7200, 7400, 7600, 7800, 7900, 7950, 8000, 8200, 8266, 8400, 8600, 8800
Supported memory clock speed (max)	8800 MHz
Maximum internal memory *	256 GB
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	8
Number of storage drives supported	4
RAID support	✓
RAID levels	0, 1, 5, 10

Graphics

DirectX version	12.0
-----------------	------

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	4
Total number of SATA connectors	4
ATX Power connector (24-pin)	✓
EPS power connector (8-pin)	✓

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
WLAN controller model	MediaTek MT7925
Bluetooth	✓
Bluetooth version	5.4

Features

Motherboard chipset *	Intel Z890
Audio chip	Realtek ALC1220
Audio output channels *	7.1 channels
Product colour	Black
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 11 x64

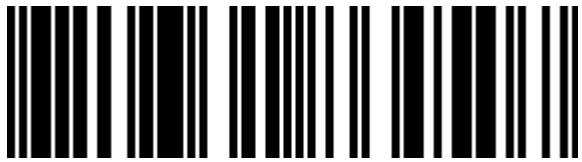
Expansion slots

PCI Express x16 slots	1
Number of M.2 (M) slots	4

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✓
Clear CMOS button	✓
Desktop Management Interface (DMI) version	2.7

Internal I/O		BIOS	
TPM connector	✓	System Management BIOS (SMBIOS) version	2.7
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	4	Country of origin	China
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Products per shipping (inner) case	1 pc(s)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery	
Ethernet LAN (RJ-45) ports *	1	Battery weight	3 g
HDMI ports quantity *	1	Lithium weight per battery	0.07 g
DisplayPorts quantity	2	Number of battery cells	1
Microphone in	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO ₂)
S/PDIF out port	✓	Battery type	CR2032
Thunderbolt ports quantity	1	Packaging data	
		Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.5 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
Technical details			
		Warranty period	3 year(s)



4719331864507

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.