GIGABYTE Z890 AORUS PRO ICE Motherboard - Supports Intel Core Ultra (Series 2) CPUs, 16+1+2 phases VRM, up to 9500MHz DDR5 (OC), 1xPCle 5.0 + 4xPCle 4.0, Wi-Fi 7, 5GbE LAN, Thunderbolt 4

Brand: GIGABYTE Product code: Z890 AORUS PRO ICE

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- Digital 16+1+2+1 Phases 90A 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 BE200 with WIFI EZ-Plug Design
- 5GbE LAN, THUNDERBOLT 4 Type-C, USB 3.2 Gen2x2 Type-C
- AORUS Exclusive DDR Cooling kit: DDR Wind Blade

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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			Network	
Processor manufacturer * Processor socket * Compatible processor series * Supported processor sockets Maximum internal memory supported by processor Memory Supported memory types * DDR5-SDRAM		Intel LGA 1851 (Socket V1) Intel Core Ultra (Series 2) LGA 1851 256 GB	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller model Bluetooth	5 Gigabit Ethernet Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) Intel Wi-Fi 7 BE200
Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max)	4 DIMM Dual-channel Non-ECC 5600,5800,6000,6200,6400,6600,68 MHz	300,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600,9500	Bluetooth version Features Motherboard chipset *	5.4 Intel Z890
Maximum internal memory * Supported memory module capacities Storage contro	256 GB 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 2	24GB, 32GB, 40GB, 48GB, 64GB	Audio chip Audio output channels *	Realtek ALC1220 7.1 channels
Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels		9	Product colour PC health monitoring Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported	White Fan, Temperature, Voltage PC ATX Intel Windows 11 x64
Graphics			Expansion slots	
On-board graphics card DirectX version		X 12.0	PCI Express x16 (Gen 4.x) slots PCI Express x16 (Gen 5.x) slots Number of M.2 (M) slots	2 1 5
Internal I/O USB 2.0 connectors * 2		2	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors * 1 USB 3.2 Gen 2x2 connectors 1		BIOS type * BIOS memory size ACPI version	UEFI AMI 256 Mbit 5.0	
Number of SATA III connectors * 4 Total number of SATA connectors 4		4	Clear CMOS jumper	✓

Internal I/O		BIOS	
ATX Power connector (24-pin)	✓	Clear CMOS button	✓
EPS power connector (8-pin) Number of EPS power connectors	✓	Desktop Management Interface (DMI) version	2.7
(8-pin)	2	System Management BIOS (SMBIOS) version	2.7
TPM connector	•	Logistics data	
12V power connector	V	Country of origin	China
RGB LED pin header	•	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 2.0 ports quantity *	4	Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A	2	Number of battery cells	1
ports quantity * Ethernet LAN (RJ-45) ports *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
HDMI ports quantity *	1	Battery type	CR2032
DisplayPorts quantity	2	Packaging data	
Microphone in	✓	Package width	335 mm
S/PDIF out port	✓	Package depth	270 mm
Thunderbolt ports quantity	2	Package height	80 mm
		Package weight	2.55 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	2.27 kg
		Technical details	
		Warranty period	3 year(s)





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Catalog Object Cloud



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