



N9 Z890

★★★★★ 5.0 (2 Reseñas)

Intel® Z890 ATX Gaming Wi-Fi 7 Motherboard with Full Cover & RGB

Color: White



Inside the Box

- N9 Z890 Motherboard
- SATA cables (2 x 90°, 2 x 180°) x4
- M.2 screws x5
- Wireless antenna x2
- User Manual
- NZXT 8-pin splitter x2

Resources

[Manuals & Documentation](#)

Overview

The N9 Z890 combines next-gen gaming performance with a sleek, modern design. Built for Intel® Core™ Ultra (Series 2) processors, it delivers overclocking-ready power, optimized thermals, and cutting-edge connectivity with PCIe® 5.0, Wi-Fi 7, 5GbE, and Thunderbolt™ 4. A full-metal cover with customizable RGB lighting adds a refined, personalized touch to any build.

- **Intel LGA 1851 Socket:** Ready for Intel® Core™ Ultra (Series 2) processors, featuring an RL-ILM design that enhances thermal contact and reduces mounting pressure.
- **Superior Power:** A robust 20+1+1 power phase design with 110A SPS and an 8-layer, low-loss 2-oz copper PCB ensure exceptional stability and overclocking potential.
- **Advanced Cooling:** Stay cool under pressure thanks to a VRM heatsink array with a fin stack, heat pipe, thermal pads, and dual PWM fans, plus dedicated heatsinks for all M.2 slots.
- **PCIe® 5.0 Expansion:** PCIe 5.0 x16 slot delivers maximum bandwidth for next-gen GPUs, while a PCIe 4.0 slot supports high-speed add-ons like capture cards.
- **High-Speed Storage:** One PCIe 5.0 and four PCIe 4.0 M.2 slots provide ultra-fast storage speeds for minimal load times and maximum efficiency.
- **DDR5 Memory:** Four dual-channel DIMM slots support DDR5 RAM speeds of 8000+ MT/s, delivering faster multitasking and improved system responsiveness.
- **Next-Gen Connectivity:** Thunderbolt™ 4, Wi-Fi 7 (320 MHz), and 5GbE deliver blazing-fast data transfers and ultra-low latency networking.
- **Sleek and Stylish:** A premium full-metal cover conceals the PCB for a clean, modern aesthetic, enhanced by onboard customizable RGB lighting.

IMPORTANT: BIOS & Driver Updates Required

Update your BIOS and drivers for the best compatibility, stability, and performance.

- **BIOS:** Ensure your motherboard is running the latest BIOS version for optimal system stability and hardware compatibility. You can check your BIOS version in NZXT CAM.
- **Drivers:** Keep your chipset and system drivers up to date for peak performance and reliability.

Find the latest updates below the FAQs. Need help? NZXT Support is here for you! Summarize this table

Tech Specs

CPU^

CPU	Intel® Socket LGA 1851 for Intel® Core™ Ultra Processors (Series 2)
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Chipset^

Chipset	Intel® Z890
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Memory^

DIMM Slots	4 x DDR5 only
Memory Architecture	Dual-Channel
Intel® Extreme Memory Profile (XMP) 3.0	Supported
OC Frequency	Please refer to Memory QVL on NZXT's website (www.nzxt.com) for more information.

Expansion Slots^

PCIe 5.0 x16 slot (PCIEX16_1)	1 (x16 mode)
PCIe 4.0 x16 slot (PCIEX16_2)	1 (x2 mode)
M.2 Socket (Key E)	1 (Type 2230 Wi-Fi/BT PCIe Wi-Fi module and Intel® CNVio/CNVio2)

Storage^

M.2_1	Type 2280 (PCIe 5.0 x4 mode)
M.2_2	Type 2280 (PCIe 4.0 x4 mode)
M.2_3	Type 2280 (PCIe 4.0 x4 mode)
M.2_4	Type 2280 (PCIe 4.0 x4 mode)
M.2_5	Type 2280 (PCIe 4.0 x4 mode)
SATA 6Gb/s ports	4

LAN^

LAN	Realtek® 5.0G LAN
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Wireless^

Tri-Band Wi-Fi 7	Supported (320MHz)
Bluetooth	v5.4

Audio^

Audio	Realtek® ALC4082 Audio Codec
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Rear I/O^

Wireless antenna SMA connectors	2
HDMI™ port	1
Thunderbolt™ 4 ports	2
USB 3.2 Gen 2x2 Type-C® port	1
USB 3.2 Gen 2 ports	6
USB 3.2 Gen 1 Type-A® ports	3
Clear CMOS button	1
LAN (RJ45) port	1
Audio jacks	2
Optical S/PDIF out port	1

Internal I/O^

24-pin ATX power connector	1
8-pin ATX 12V power connector	2
4-pin CPU_FAN connector	1
4-pin AIO_PUMP connector	1
4-pin SYS_FAN connectors	3
NZXT RGB LED connector	1
5V ARGB LED connectors	2
NZXT 8-pin PWM connectors	2
USB 2.0 header	2 (Up to 4 USB 2.0 ports)
USB 3.2 Gen1 header	2 (Up to 4 USB 3.2 Gen 1 ports)
USB 3.2 Gen2x2 front panel header	1 (For USB Type-C)
Front panel audio connector	1
Power button	1
Reset button	1
Post LEDs	1
Digital Debug LED	1

General

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Operating System	Windows® 11/10 64-bit
Form Factor	ATX
Warranty	3 years
Model Number	N9-Z89XT-W1 (White) / N9-Z89XT-B1 (Black)
UPC	810074846240 (White) / 810074846257 (Black)
EAN	5056547206189 (White) / 5056547206196 (Black)