ASUS ROG STRIX Z890-A GAMING WIFI Intel Z890 LGA 1851 (Socket V1) ATX

Gamintojas: **ASUS** · Modelis: **90MB1I90-M0EAY0** · EAN: **4711387758830** · Prekės kodas: **723096**



332,90 €

Kaina su PVM

Be PVM: **275,12 €**

Sandėlyje

Prekė internetu

Nuskenuokite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Intel LGA 1851 (Socket V1) Intel Core Ultra (Series 2)
- ✓ PC ATX Intel Z890 Realtek ALC4080 7.1 kanalai
- ✓ DDR5-SDRAM 4 DIMM Maksimali vidinė atmintis: 192 GB
- ✓ HDD & SSD M.2, SATA III RAID palaikymas Palaikomų saugojimo tvarkyklių skaičius: 9
- ✓ BIOS tipas: UEFI AMI 256 Mbit CMOS jutiklio valymo mygtukas
- ✓ 2.5 Gigabit Ethernet „Wi-Fi“ Wi-Fi 7 (802.11be) Bluetooth 5.4






















Aprašymas

With Thunderbolt™ 4, PCIe® 5.0, and Polymo lighting, the ROG Strix Z890-A delivers lightning-fast data transfers, exceptional connectivity and a customizable aesthetic that can be subtle or bold. This motherboard delivers the power and speed essential for elite gaming and the demands of advanced AI PC applications.

ASUS AI INTELLIGENCE

ASUS AI ADVISOR

Using AI technology to understand natural-language questions or scenario descriptions, ASUS AI Advisor allows users to explore the functionality and advanced features of ASUS motherboards in a simple and straightforward way.
* Availability of ASUS AI Advisor may vary by region.

AI OVERCLOCKING

ASUS AI Overclocking profiles the CPU and cooling to predict the optimal configuration and push the system to its limits.

AI COOLING II

Balance the thermals and acoustics of any build with a single click.

AI NETWORKING II

AI Networking II combines intelligent technologies to continuously optimize network performance, provide trustworthy and seamless connectivity, and unleash the full speed of WiFi 7*.
*Features may vary by model.

Performance
OVERCLOCKING

NPU BOOST

The integrated NPU in Intel® Core™ Ultra Processors (Series 2) efficiently accelerates AI workflows — and NPU Boost lets you do more with it. This BIOS feature overclocks the NPU with just one click, increasing performance by up to 24%.
* The overclocking performance may vary depending on the CPU series and motherboard used.
** Testing was conducted with an Intel Arrow Lake QS Q2HA Ultra 9 285K processor, ROG Maximus Z890 Extreme motherboard, GeForce RTX™ 4090 24GB graphics card, and XPG Lancer DDR5 memory modules (model AX5U6000C4016G).

Performance
MEMORY

DDR5 DOMINATION

Enhanced signal routing can push enthusiast-grade kits well beyond the 8 GT/s threshold on the Strix Z890-A.

DIMM FIT

DIMM Fit is an ASUS-exclusive BIOS feature that precisely analyzes individual memory modules to optimize performance and pinpoint potential issues.

AEMP III

ASUS Enhanced Memory Profile III (AEMP III) is an advanced firmware feature that empowers users to achieve unparalleled memory performance with cutting-edge CUDIMM memory.

DIMM FLEX

DIMM Flex provides enthusiasts with a powerful new way to overclock their DDR5 memory modules.

Power solution

ROG STRIX ULTIMATE POWER DESIGN
16(90A)+1(90A)+2(90A)+2(80A)
Power Stages

Performance
COOLING

M.2 BACKPLATE

An integrated backplate helps ensure that high-performance drives can deliver peak performance, even when airflow is restricted.

M.2 HEATSINKS

Heatsinks cover every slot to help keep onboard NVME SSDs at optimal temperatures for consistent performance and reliability.

VRM HEATSINK ARRAY

Two thick heatsinks covering the power delivery section provide strategic airflow channels for increased heat dissipation while empowering high-performance Intel® Core™ Ultra Processors (Series 2)

CPU FAN HEADERS

A dedicated pair of PWM/DC fan headers provides easy access to CPU coolers.

AIO PUMP FAN HEADER

A dedicated PWM/DC header connects self-contained water-cooling setups.

4-PIN FAN HEADERS

The Strix Z890-A features five chassis fan headers, each supporting auto-detection of PWM or DC fans.

Leading Connectivity

WIFI 7

The revolutionary WiFi 7 is up to 4.8X times faster than standard WiFi 6*, thanks to tech like 320 MHz channels** on the 6GHz band and 4K QAM*. Multi-Link Operation (MLO) provides a more stable WiFi connection and lower latency, unlocking the realms of the unknown in gaming, streaming

and industrial IoT.
* WiFi 7 features require onboard WiFi chipset, WiFi AP, and WiFi 7-supported operating systems to support the corresponding features. 320 MHz channels in the 6 GHz band may be unavailable in some regions/countries due to regulatory restrictions.
** Specifications vary by model.

ASUS WiFi Q-Antenna

Dual transceivers support the 2.4, 5 and 6 GHz bands to enable faster throughput, with directional sensitivity to improve signal quality and cover greater distances.
Disclaimer: The availability of WiFi 7 160 GHz and 320 GHz varies according to regional regulations.

Wireless Signal Reception Improvement
Versus previous-generation antenna

Intel 2.5Gb Ethernet

Onboard Intel® 2.5Gb Ethernet gives your wired connection a boost, with speeds that are 2.5 times faster than standard Ethernet connections for speedy file transfers, low-latency gaming, and high-res video streaming.

PCIE 5.0

The Strix Z890-A offers end-to-end PCIe 5.0 support, and the topmost x16 expansion slot is protected with a SafeSlot retention bracket to bear the weight of the latest graphics cards. One onboard M.2 slot is rated for blistering read and write speeds up to 16 GB/s, while the remainder can deliver still-impressive 8 GB/s transfers. And every M.2 slot is covered with substantial heatsinks to dispatch the heat of next-gen drives.

TWO THUNDERBOLT 4 TYPE-C® PORTS

Each port delivers up to 40 Gbps of bidirectional bandwidth for the latest super-speed devices and drives. Both ports can be employed for up to two external 4K displays, and PCIe bandwidth extends to up to 32 Gbps.

USB WATTAGE WATCHER

USB Wattage Watcher allows users to monitor the current wattage delivered to a device connected to the USB 10Gbps Type-C® rear I/O port. With USB Wattage Watcher, users can glance at their device's charging wattage in real-time and check on their device’s Fast-Charging status.

DOLBY ATMOS

ROG and Dolby® have partnered to bring superior gaming audio quality to users. Dolby Atmos expands on traditional surround sound systems by adding height channels, which enables immersive three-dimensional audio to be perceived from above, below and around the listener.

SupremeFX

ROG SupremeFX is a unique blend of hardware and software technologies that provide superior audio. The Strix Z890-A implementation features the ALC4080 codec for high-resolution playback up to 32-bit/384 kHz across all channels. Front-panel output is streamed through the integrated Savitech amplifier that can drive high-fidelity acoustics to a wide variety of speakers and headsets.

A specially designed circuit separation reduces electromagnetic interference from the motherboard and attached devices for cleaner audio.

The integrated Hi-Fi Savitech amplifier holds up its end of the signal path with imperceptible levels of distortion at -90dB THD+N and a signal-to-noise ratio of 110dB for extremely clean output.

Instead of the conventional high definition audio (HDA) interface, the ALC4080 codec uses a USB interface to deliver studio-level sound reaching up to 32-bit 384 kHz audio resolution.

A metal cover protects against electromagnetic interference, preserving the integrity of audio signals to ensure the best sound quality.

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

High-quality components produce a warmer, more natural sound with exceptional clarity and fidelity.

UNDENIABLY ROG STRIX

The ROG Strix Z890-A features a sleek white surface for a contemporary and stylish appearance that fits effortlessly into most system builds. Metallic heatsinks complement the clean design, while subtle Polymo lighting on the I/O shroud lets you choose between a refined, minimalist look or a vibrant, eye-catching display.

OUTSHINE THE COMPETITION

ROG Strix motherboards feature ASUS Aura technology, enabling full lighting control and a variety of presets for both onboard RGB LEDs and third-party accessories. Effects can be easily synced across compatible ROG graphics cards, monitors, keyboards, and mice to give your setup a unified look.

Dare to Be Green

We at the Republic of Gamers are on a mission to create a sustainable future where all gamers can flourish on the planet we call home.

Every step counts, and as part of ROG’s commitment to creating a more sustainable future, ROG has begun to utilize post-consumer recycled (PCR) plastic and paper materials certified by the Forest Stewardship Council (FSC™) in the packaging of motherboard.

Techninė specifikacija

Procesorius	
Procesoriaus gamintojas	Intel
Procesoriaus lizdas	LGA 1851 (Socket V1)
Procesorių suderinamumas	Intel Core Ultra (Series 2)
Atmintis	
Palaikomi atminties tipai	DDR5-SDRAM
Atminties angų skaičius	4
Maksimali vidinė atmintis	192 GB
Atminties angų tipas	DIMM
Atminties kanalai	Dviejų kanalų
ECC suderinamumas	Ne-ECC
Palaikomas atmintinės taktinis dažnis (didžiausias)	8600 MHz
Nebuferizuota atmintis	Taip
Duomenų laikymo valdikliai	
Palaikomi saugojimo kaupiklių sąsajos	M.2, SATA III
Palaikomi saugojimo kaupiklių tipai	HDD & SSD
Palaikomų kietųjų diskų skaičius	4
Palaikomų saugojimo tvarkyklių skaičius	9
RAID palaikymas	Taip

RAID lygiai	0, 1, 5, 10
Grafika	
Paralelinio apdorojimo technologijos parama	Nepalaikomas
Integruotas grafikos adapteris	Ne
Vidinis I/O	
USB 2.0 jungtys	2
USB 3.2 (3.1 1 kart.) jungtys	2
USB 3.2 (3.1 2 kart.) jungtys	1
SATA III jungčių skaičius	4
SATA II jungčių skaičius	0
SATA jungčių skaičius	0
Priekinio skydelio audio jungtis	Taip
ATX maitinimo jungtis	Taip
CPU fan jungtis	Taip
Šasi fenų jungčių skaičius	5
Šasi intruzijos jungtis	Taip
EPS maitinimo jungtis (8-kaisčiai)	Taip
„Thunderbolt“ kolektoriai	1
12 V maitinimo jungtis	Taip
RGB LED kontaktų pagrindas	Taip
Galinė panelė I/O jungtys	
USB 2.0 portų kiekis	0
USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius	2
USB 3.2 (3.1 1 kart.) C tipo prievadų skaičius	0
USB 3.2 2 kart. (3.1 2 kart.) A tipo prievadų skaičius	5
USB 3.2 2 kart. (3.1 2 kart.) C tipo prievadų skaičius	1
Ethernet LAN (RJ-45) portų kiekis	1
VGA (D-Sub) portų kiekis	0
HDMI portų kiekis	1
DVI-D prievadų skaičius	0
HDMI versija	2.1
„DisplayPort“ kiekis	1
„DisplayPort“ versija	1.4
Ausinių išvestys	1
Įvedimas	Taip

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S/PDIF out portas	Taip
„Thunderbolt“ prievadų skaičius	2
WiFi-AP antenos lizdas	2
Tinklas	
„Wi-Fi“	Taip
Ethernet LAN jungtis	Taip
Eterneto sąsajos tipas	2.5 Gigabit Ethernet
„Wi-Fi“ standartas	Wi-Fi 7 (802.11be)
Wi-Fi standartai	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)
Bluetooth	Taip
Bluetooth versija	5.4
Savybės	
Taikoma	PC
Motininės plokštės formos faktorius	ATX
Motininės plokštės sisteminio valdiklio šeima	Intel
Pagrindinės plokštės lustas	Intel Z890
Garso išvesties kanalai	7.1 kanalai
Garso lustas	Realtek ALC4080
Produkto spalva	Balta
Aušinimo tipas	Pasyvus
Maitinimo šaltinio tipas	ATX
Palaikomos „Windows“ operacinės sistemos	Windows 11
Plėtotės lizdas	
„PCI Express x16“ (4 kartos) lizdai	1
„PCI Express x16“ („Gen 5.x“) lizdai	1
M.2 (M) angų skaičius	5
BIOS	
BIOS tipas	UEFI AMI
BIOS atminties dydis	256 Mbit
CMOS jutiklio valymo mygtukas	Taip
Pakuotės duomenys	
Pakuotės plotis	353 mm
Pakuotės gylis	273 mm
Pakuotės aukštis	68 mm

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Paketo svoris	1,98 kg
Svoris ir matmenys	
Plotis	305 mm
Ilgis	244 mm
Pakuotės turinys	
Pridėti kabeliai	SATA
Kitos savybės	
mSATA prievadų skaičius	0
Greito diegimo vadovas	Taip
Grįžimo į BIOS (Back-to-BIOS) mygtukas	Taip
Matmenys ir svoris	
Matmenys (I × P × A)	28,00cm × 36,00cm × 7,00cm

Dokumentai ir vaizdo įrašai

› Naudojimo instrukcija

Gamintojo ir saugos informacija

GAMINTOJAS

ASUSTeK Computer Inc
Li-Te Road 15, 112 Taipei, TW
asus.com

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ASUS France S.A.R.L.
Allee bienvenue 10, 93160 Paris, FR
channel.asus.com

PLATINTOJAS

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