

NOMBRE DEL PRODUCTO: Tarjeta madre ROG STRIX Z890-E GAMING WIFI

INFORMACIÓN GENERAL DEL PRODUCTO

SKU: ROG STRIX Z890-E GAMING WIFI

No. parte: 90MB1IM0-M0AAY0

Código UPC: 197105756137

Dimensiones: 14.01 x 11.06 x 3.42 inch

Peso bruto: 9.76lbs

Garantía: 3 años

Enlace de descarga de imágenes:

<https://www.dropbox.com/scl/fo/qq7p3jpellxzt8/ANkQCgGUjuLROXAAG9QLMYo?rlkey=s0m8nax56pmnhrr8a6wcvdk5&st=jorgpfhn&dl=0>



INFORMACIÓN PARA EL ALTA WEB DEL PRODUCTO

[Título largo:] Tarjeta madre gamer ASUS ROG STRIX Z890 E GAMING WIFI para Intel Core Ultra serie 2 (LGA1851), ATX, Listo para IA, 18+2+1+2 fases, DDR5, WiFi 7, Thunderbolt 4, PCIE 5

[Título corto:] Tarjeta madre gamer ASUS ROG STRIX Z890 E GAMING WIFI, Intel Core Ultra serie 2 (LGA 1851), ATX, 22+2+1+2 fases, DDR5, WiFi 7, Thunderbolt 4, PCIE 5

[Puntos clave/ Características:]

- Preparado para la informática de IA avanzada: Diseñado para el futuro de la computación de IA, con la potencia y conectividad necesarias para las exigentes aplicaciones de IA.
- Zócalo Intel® LGA 1851: Preparado para los procesadores Intel® Core™ Ultra (Serie 2).
- Tecnologías de IA exclusivas: NPU Boost, ASUS AI Advisor, Overclocking AI exclusivo de ASUS, AI Cooling II, AI Networking II.
- Tecnologías de memoria exclusivas: DIMM Fit, DIMM Flex y AEMP III para simplificar la configuración y mejorar el rendimiento.
- Solución de alimentación robusta: 18(110A)+2(90A)+1(90A)+2(80A) etapas de alimentación con conectores de alimentación ProCool II, choques de aleación MicroFine y condensadores metálicos de primera calidad.
- Diseño térmico optimizado: Disipadores masivos con cubierta de E/S integrada, almohadillas térmicas de alta conductividad y conectados con un heatpipe en forma de C.



- Soporte M.2 más reciente: Tres ranuras PCIe® 5.0 M.2 y cuatro ranuras PCIe 4.0 M.2, todas con importantes soluciones de refrigeración.
- Conectividad abundante: Dos puertos USB Thunderbolt™ 4 Type-C®, puerto de E/S trasero USB 10Gbps Type-C con carga rápida Power Delivery de hasta 30 vatios más USB Wattage Watcher, diez puertos USB 10Gbps , PCIe 5.0 x16 SafeSlot con compatibilidad total con tarjetas gráficas de última generación, HDMI™ 2.1 y DisplayPort™ 1.4
- Redes de alto rendimiento: Intel Wi-Fi 7 (802.11be) a bordo con ASUS WiFi Q-Antenna, Realtek 5 Gb Ethernet.
- Diseño DIY-Friendly: Ranura PCIe Q-Release Slim, nuevo M.2 Q-Latch, M.2 Q-Release, M.2 Q-Slide, Q-Antenna , BIOS Q-Dashboard, Q-Code, Q-LED, botón FlexKey, botón Start, botón BIOS FlashBack™, botón Clear CMOS y escudo de E/S premontado.
- Audio inmersivo: Códec ROG SupremeFX ALC4080 con amplificador Savitech SV3H712, junto con Dolby Atmos®.
- Personalización inigualable: Cubierta de E/S con Polymo Lighting, tres cabezales Gen 2 ARGB, todos configurables con iluminación RGB Aura Sync exclusiva de ASUS.
- Software de renombre: ASUS DriverHub, Dolby Atmos®, TurboV Core, GlideX, HWiNFO, suscripción incluida de 60 días a AIDA64 Extreme.

[Keywords:]

ASUS, ROG, STRIX, Z890, Z690, Z790, tarjeta madre Asus, tarjeta madre Intel, tarjeta madre lga 1700, tarjeta madre ddr5, Intel, LGA 1851, Intel Core Ultra serie 2, ATX, tarjeta madre, placa madre, AI ready, NPU Boost, Nitropath, AEMP, WiFi 7, Q Antenna, PCIe 5, NVME, Thunderbolt 4, Tipo C, AI Overclocking, AI Networking, AI Cooling, Polymo, Aura Sync

ESPECIFICACIONES TÉCNICAS

ROG STRIX Z890-E GAMING WIFI

Note: The specifications are subject to change without notice.

CPU	Support Intel® Core™ Ultra Processors(series 2), LGA1851
	* Refer to https://www.asus.com/support/download-center/ for CPU support list.
Chipset	Intel® Z890 Chipset
Memory	4 x DIMM slots, max. 192GB, DDR5 Support up to xxxx+MT/s (OC), Non-ECC, Clocked Unbuffered DIMM (CUDIMM)*
	Dual Channel Memory Architecture
	Supports Intel® Extreme Memory Profile (XMP) memory module
	Supports DIMM Flex
	NitroPath DRAM Technology
	DIMM Fit
	ASUS Enhanced Memory Profile III (AEMP III)
	* Supported memory types, data rate (speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information please refer to CPU/Memory Support list under the Support tab of product information site or visit https://www.asus.com/support/download-center/ .
Graphics	* Non-ECC, Un-buffered DDR5 Memory supports On-Die ECC function
	1 x DisplayPort*
	1 x HDMI® port**
	2 x Intel® Thunderbolt™ 4 support DisplayPort and Thunderbolt™ video outputs***
	* Supports max. 8K@60Hz as specified in DisplayPort 1.4.
	** Supports max. 4K@60Hz as specified in HDMI 2.1.
	***Supports up to 8K@60Hz x1 with DSC or 4K@60Hz x 2, maximum total bandwidth up to 23.8Gbps or 16Gbps/16Gbps, for resolution support please check DisplayPort 2.1 specs.

	*** Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications.
Expansion Slots	Intel® Core™ Ultra Processors(series 2)*
	1 x PCIe 5.0 x16 slots (supports x16 mode)
	Intel® Z890 Chipset**
	1 x PCIe 4.0 x16 slot (supports x4 mode)
	* Please check PCIe bifurcation table in support site (https://www.asus.com/support/FAQ/1037507/).
	- To ensure compatibility of the device installed, please refer to https://www.asus.com/support/ for the list of supported peripherals.
Storage	Total supports 7 x M.2 slots and 4 x SATA 6Gb/s ports*
	Intel® Core™ Ultra Processors(series 2)*
	M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode)
	M.2_2 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)
	M.2_3 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)**
	M.2_4 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)**
	Intel® Z890 Chipset
	M.2_5 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)
	M.2_6 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)
	M.2_7 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 & SATA modes)
	4 x SATA 6Gb/s ports
	* Intel® Rapid Storage Technology supports PCIe RAID 0/1/5/10, SATA RAID 0/1/5/10, M.2 slot from CPU only supports RAID 0/1/5.
	** M.2_2 & M.2_3 slots share bandwidth with PCIEX16(G5). When M.2_2 & M.2_3 are occupied with SSD devices, PCIEX16(G5) will run x8 only.
Ethernet	1 x Realtek 5Gb Ethernet
	ASUS LANGuard
Wireless & Bluetooth	Wi-Fi 7*
	2x2 Wi-Fi 7 (802.11be)
	Supports 2.4/5/6GHz frequency band**
	Support Wi-Fi 7 320MHz bandwidth, up to 5.8Gbps transfer rate.

	Bluetooth® v5.4***
	*Wi-Fi features may vary depending on the operating system For Windows 11, Wi-Fi 7 will require 24H2 or later version for full functions, Windows 11 21H2/22H2/23H2 only supports Wi-Fi 6E. For Windows 10, only Wi-Fi 6 is supported. ** Wi-Fi 6GHz frequency band and bandwidth regulatory may vary between countries. *** The Bluetooth® version may vary, please refer to the Wi-Fi module manufacturer's website for the latest specifications.
USB	Rear USB (Total 14 ports)
	2 x Thunderbolt™ 4 ports (2 x USB Type-C®)
	9 x USB 10Gbps ports (7 x Type-A + 1 x USB Type-C® + 1 x USB Type-C® with up to 30W PD Fast-charge)*
	3 x USB 5Gbps ports (3 x Type-A)
	Front USB (Total 11 ports)
	1 x USB 20Gbps connector (supports USB Type-C®)
	2 x USB 5Gbps headers support additional 4 USB 5Gbps ports
	3 x USB 2.0 headers support additional 6 USB 2.0 ports
	USB Type-C® power delivery output: 5V/3A
	* USB Type-C® power delivery output: 5V/9V max. 3A, 12V max 2.5A, 15V max. 2A.
Audio	ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4080* - Impedance sense for front and rear headphone outputs - Supports: Jack-detection, Multi-streaming, Front Panel MIC Jack-retasking - High quality 120 dB SNR stereo playback output and 110 dB SNR recording input - Supports up to 32-Bit/384 kHz playback
	Audio Features
	- Audio Shielding
	- Savitech SV3H712 AMP
	- Gold-plated audio jacks
	- Rear optical S/PDIF out port

	- Premium audio capacitors
	- Audio cover
	* The LINE OUT port on the rear panel does not support spatial audio. If you wish to use spatial audio, make sure to connect your audio output device to the audio jack on the front panel of your chassis or use a USB interface audio device.
Back Panel I/O Ports	2 x Thunderbolt™ 4 USB Type-C® ports (2 x USB Type-C®)
	9 x USB 10Gbps ports (7 x Type-A + 1 x USB Type-C® + 1 x USB Type-C® with up to 30W PD Fast-charge)
	3 x USB 5Gbps ports (3 x Type-A)
	1 x DisplayPort
	1 x HDMI® port
	1 x Wi-Fi Module
	1 x Realtek 5Gb Ethernet
	2 x Gold-plated audio jacks
	1 x Optical S/PDIF out port
	1 x BIOS FlashBack™ button
	1 x Clear CMOS button
Internal I/O Connectors	Fan and Cooling related
	1 x 4-pin CPU Fan header
	1 x 4-pin CPU OPT Fan header
	1 x 4-pin AIO Pump header
	5 x 4-pin Chassis Fan headers
	Power related
	1 x 24-pin Main Power connector
	2 x 8-pin +12V CPU Power connectors
	Storage related
	7 x M.2 slots (Key M)
	4 x SATA 6Gb/s ports

	USB
	1 x USB 20Gbps connector (supports USB Type-C®)
	2 x USB 5Gbps headers support additional 4 USB 5Gbps ports
	3 x USB 2.0 headers support additional 6 USB 2.0 ports
	Miscellaneous
	3 x Addressable Gen 2 headers
	1 x CPU Over Voltage jumper
	1 x FlexKey button
	1 x Front Panel Audio header (F_AUDIO)
	1 x Start button
	1 x 10-1 pin System Panel header
	1 x Thermal Sensor header
Special Features	Extreme Engine Digi+
	- 5K Black Metallic Capacitors
	ASUS Q-Design
	- M.2 Q-Latch
	- M.2 Q-Release
	- M.2 Q-Slide
	- PCIe Slot Q-Release Slim (with PCIe SafeSlot)
	- Q-Antenna
	- Q-Code
	- Q-Dashboard
	- Q-DIMM
	- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])
	- Q-Slot
	ASUS Thermal Solution
	- M.2 heatsinks

	- M.2 heatsink backplate
	- VRM heatsink design
	ASUS EZ DIY
	- BIOS FlashBack™ button
	- BIOS FlashBack™ LED
	- Clear CMOS button
	- ProCool II
	- Pre-mounted I/O shield
	- SafeSlot
	- SafeDIMM
	Aura Sync
	- Addressable Gen 2 headers
Software Features	ROG Exclusive Software
	- ROG CPU-Z
	- Dolby Atmos
	ASUS Exclusive Software
	Armoury Crate
	- AIDA64 Extreme (60 days free trial)
	- Aura Creator
	- Aura Sync
	- Fan Xpert 4 (with AI Cooling II)
	- GameFirst
	- HWiNFO
	- Power Saving
	ASUS Driver Hub
	ASUS GlideX
	TurboV Core

	USB Wattage Watcher
	Adobe Creative Cloud (Free Trial)
	Norton 360 for Gamers (60 Days Free Trial)
	WinRAR (40 Days Free Trial)
	UEFI BIOS
	AI Overclocking Guide
	ASUS EZ DIY
	- ASUS CrashFree BIOS 3
	- ASUS EZ Flash 3
	- ASUS UEFI BIOS EZ Mode
	- ASUS MyHotkey
	NPU Boost
	FlexKey
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manageability	WOL by PME, PXE
Accessories	Cables
	2 x SATA 6Gb/s cables
	Additional Cooling Kit
	1 x Thermal pad for M.2 22110
	Miscellaneous
	1 x ASUS Wi-Fi moving antennas
	1 x Cable ties pack
	1 x M.2 Q-Latch package
	2 x M.2 Q-Slides
	1 x ROG key chain
	1 x ROG Strix stickers
	7 x M.2 Rubbers

	Documentation
	1 x Quick start guide
Operating System	Windows® 11
Form Factor	ATX Form Factor
	12 inch x 9.6 inch (30.5 cm x 24.4 cm)