

NOMBRE DEL PRODUCTO: Tarjeta madre ASUS ROG STRIX B850-E GAMING WIFI

INFORMACIÓN GENERAL DEL PRODUCTO

SKU: ROG STRIX B850-E GAMING WIFI

No. parte: 90MB1J60-M0AAY0

Código UPC: 197105769304

Dimensiones: 14.03 x 11.08 x 3.43 inch

Peso bruto: 4.37 lb

Garantía: 3 años

Enlace de descarga de imágenes:

<https://www.dropbox.com/scl/fo/r3goiu8qzvvhbe85lw7rh/AG8CmtDMPVlaO7LfVudx5h4?rlkey=etnpagiyw0fm12eyh7vukyqan&st=70esd545&dl=0>



INFORMACIÓN PARA EL ALTA WEB DEL PRODUCTO

[Título largo:] Tarjeta madre ASUS ROG STRIX B850-E GAMING WIFI, para AMD AM5, DDR5, WiFi 7, ATX, fases 16+2+2, PCIe® 5.0, USB4®, USB 20Gbps Type-C®, lista para IA

[Título corto:] Tarjeta madre ASUS ROG STRIX B850-E GAMING WIFI, para AMD AM5, DDR5, WiFi 7, ATX, PCIe 5.0, lista para IA

[Puntos clave/ Características:]

- Preparado para la computación avanzada de IA: Diseñados para el futuro de la informática de IA, con la potencia y conectividad necesarias para las exigentes aplicaciones de IA.
- Zócalo AMD AM5: Preparado para los procesadores de sobremesa AMD Ryzen™ series 9000, 8000 y 7000
- Control inteligente: AI Advisor, AI Networking II y AEMP exclusivos de ASUS para simplificar la configuración y mejorar el rendimiento
- Tecnologías de overclocking ROG Strix: Dynamic OC Switcher, Core Flex y PBO Enhancement
- Solución de alimentación robusta: Solución de alimentación 16+2+2 de hasta 90 A por etapa con conectores de alimentación duales ProCool, choques de aleación de alta calidad y condensadores duraderos para soportar procesadores multinúcleo.
- Diseño térmico optimizado: Disipadores masivos con cubierta de E/S integrada, almohadillas térmicas de alta conductividad y conectados con un tubo de calor en forma de L

- Soporte M.2 de última generación: Tres ranuras M.2 PCIe® 5.0 integradas y dos ranuras M.2 PCIe 4.0, todas ellas con importantes soluciones de refrigeración
- Conectividad abundante: Un puerto USB4® Type-C, puerto de E/S trasero USB 20Gbps Type-C® con PD 3.0 de hasta 30W y USB Wattage Watcher, siete puertos USB 10Gbps adicionales, PCIe 5.0 x16 SafeSlots, puerto HDMI™.
- Redes de alto rendimiento: WiFi 7 (802.11be) integrado con Ethernet Realtek de 5 Gb
- Diseño DIY: Ranura PCIe Q-Release Slim, M.2 Q-Latch, M.2 Q-Release, M.2 Q-Slide, Q-Antenna, Q-Dashboard, Q-Code, Q-LED, botón de encendido, botón BIOS FlashBack™, botón Clear CMOS y escudo de E/S premontado.
- Audio envolvente: Códec ROG SupremeFX ALC4080 con amplificador Savitech SV3H712 y Dolby Atmos
- Personalización sin igual: Iluminación RGB Aura Sync exclusiva de ASUS, con tres cabezales Gen 2 direccionables
- Software de renombre: ASUS DriverHub, ASUS GlideX, HWiNFO, Norton 360 for Gamers (prueba gratuita de 60 días), suscripción de prueba incluida de 60 días a AIDA64 Extreme y panel de control intuitivo UEFI BIOS

[Keywords:]

Motherboard, ASUS, Tarjeta, placa, madre, base, AM5, AMD, B850, B860, chipset, ROG, Republic, juegos, streaming, gaming, Edición, Fotografía, juegos, LGA1718, Ryzen, Core, Ultra, nueva, B760, Z790, Z890, overclock, DDR5, RAM, USB, WIFI, ia, EXPO, XMP DOCP, RGB, ARGB, Aura, PCI, NVME, SATA, LGA1700, TUF, LAN, entretenimiento, esports

ESPECIFICACIONES TÉCNICAS

ROG STRIX B850-E GAMING WIFI	
Note: The specifications are subject to change without notice.	
CPU	AMD Socket AM5 for AMD Ryzen™ 9000 & 8000 & 7000 Series Desktop Processors* * Refer to https://www.asus.com/support/download-center/ for CPU support list.
Chipset	AMD B850 Chipset
Memory	4 x DIMM slots, max. 192GB, DDR5 Supports up to 8000+MT/s (OC) with Ryzen™ 9000 & 8000 & 7000 Series Processors, ECC and Non-ECC, Un-buffered DIMM*

	Dual channel memory architecture Supports AMD Extended Profiles for Overclocking (EXPO™) ASUS Enhanced Memory Profile (AEMP) * 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/. **Non-ECC, un-buffered DDR5 memory supports On-Die ECC function.
Graphics	1 x DisplayPort* 1 x HDMI™ port** 1 x USB4® (40Gbps) port supports USB Type-C® display outputs*** - Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications. * Supports max. 8K@30Hz as specified in DisplayPort 1.4 ** Supports 4K@60Hz as specified in HDMI 2.1 *** Supports max. 4K@60Hz as specified in DisplayPort 1.4a ***** VGA resolution support depends on processors' or graphic cards' resolution.
Expansion Slots	AMD Ryzen™ 9000 & 7000 Series Desktop Processors* 1 x PCIe 5.0 x16 slot with Q-Release Slim (supports x16 or x8 modes)** AMD Ryzen™ 8000 Series Desktop Processors 1 x PCIe 5.0 x16 slot with Q-Release Slim (supports PCIe 4.0 x8 or x4 mode)*** AMD B850 Chipset 1 x PCIe 4.0 x16 slot (supports x4 mode)**** * Please check the PCIe bifurcation table on the support site (https://www.asus.com/support/FAQ/1037507/).

	** When either M.2_2 or M.2_3 is enabled, PCIEX16(G5) will run x8. *** Specifications vary by CPU types. **** M.2_4 slot shares bandwidth with PCIEX16(G4). When PCIEX16(G4) slot is operating, M.2_4 will be disabled. - To ensure compatibility of the device installed, please refer to https://www.asus.com/support/download-center/ for the list of supported peripherals.
Storage	Total supports 5 x M.2 slots and 4 x SATA 6Gb/s ports AMD Ryzen™ 9000 & 7000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode)* M.2_3 slot (Key M), type 2280 (supports PCIe 5.0 x4 mode)* AMD Ryzen™ 8000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280/22110 (Not supports)** M.2_3 slot (Key M), type 2280 (Not supports)*** AMD B850 Chipset M.2_4 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)*** M.2_5 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode) 4 x SATA 6Gb/s ports * When either M.2_2 or M.2_3 slot is operating, PCIEX16_1 will run x8. ** M.2_2 and M.2_3 slot will be disabled while using the AMD Ryzen™ 8000 Series Desktop Processors. *** M.2_4 slot shares bandwidth with PCIEX16(G4). When PCIEX16(G4) slot is operating, M.2_4 will be disabled. AMD RAIDXpert2 Technology

	Ryzen™ 9000 Series Processors: RAID 0/1/5/10 Ryzen™ 8000 Series Processors: RAID 0/1 Ryzen™ 7000 Series Processors: RAID 0/1/10
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** Supports Wi-Fi 7 320MHz bandwidth, up to 6.5Gbps 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 support Wi-Fi 6E. For Windows 10, please note that no driver is available, refer to the Wi-Fi chipset vendor's website for details. ** 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 12 ports) 1 x USB4® (40Gbps) port (1 x USB Type-C®)* 1 x USB 20Gbps port (supports USB Type-C® with up to 30W PD/PPS Fast-charge)** 6 x USB 10Gbps ports (6 x Type-A) 4 x USB 2.0 ports (4 x Type-A) Front USB (Total 7 ports) 1 x USB 10Gbps connector (1 x USB Type-C®) 1 x USB 5Gbps header supports 2 additional USB 5Gbps ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports * USB Type-C® power delivery output: max. 5V/3A ** USB Type-C® power delivery output: 5V/9V max. 3A, 12V max 2.5A, 15V max. 2.0A

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 on front panel Audio Features - SupremeFX Shielding Technology - Savitech SV3H712 AMP - Gold-plated audio jacks - Rear optical S/PDIF out port - Premium audio capacitors - Audio cover * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output. ** 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	1 x USB4® (40Gbps) (1 x USB Type-C®) 1 x USB 20Gbps port (supports USB Type-C® with up to 30W PD/PPS Fast-charge) 6 x USB 10Gbps ports (6 x Type-A) 4 x USB 2.0 ports (4 x Type-A) 1 x DisplayPort 1 x HDMI™ port 1 x Wi-Fi module 1 x Realtek 5Gb Ethernet port 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 connector Storage Related 5 x M.2 slots (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 10Gbps connector (supports USB Type-C®) 1 x USB 5Gbps header supports 2 additional USB 5Gbps ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports Miscellaneous 3 x Addressable Gen 2 header(s) 1 x CPU Over voltage jumper 1 x Front Panel Audio header (F_AUDIO) 1 x Power button 1 x 10-1 pin Front 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 heatsink backplate - M.2 heatsink ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED - Clear CMOS button - ProCool - Pre-mounted I/O shield - SafeSlot - SafeDIMM Aura Sync - Addressable Gen 2 header(s) Rear USB 20Gbps with PD Fast Charge Support - Support: up to 30W fast charging and USB Wattage Watcher - Output: 5V/9V max. 3A, 12V max 2.5A, 15V max2.0A - Compatible with PD3.0
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 - GameFirst - Fan Xpert 4 - HWiNFO - Power Saving ASUS DriverHub ASUS GlideX USB Wattage Watcher TurboV Core 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 Dynamic OC Switcher Core Flex
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 WiFi Q-Antenna 1 x Cable ties package 1 x M.2 Q-Slide package 1 x ROG key chain 1 x ROG Strix stickers 5 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)