

NOMBRE DEL PRODUCTO: Tarjeta madre ASUS TUF GAMING B850-PLUS WIFI

INFORMACIÓN GENERAL DEL PRODUCTO

SKU: TUF GAMING B850-PLUS WIFI

No. parte: 90MB1J30-M0AAY0

Código UPC: 197105781603

Dimensiones: 13.9" x 10.75" x 2.68"

Peso bruto: 3.99lbs

Garantía: 3 años

Enlace de descarga de imágenes:

<https://www.dropbox.com/scl/fo/dvmjvie8c93t9mnehfwm9/AOQglZG1GbPkyastdoiJChc?rlkey=ltsovemuhbfn8h0jlezj0ka93&st=uf8gzhei&dl=0>



INFORMACIÓN PARA EL ALTA WEB DEL PRODUCTO

[Título largo:] Tarjeta madre ASUS TUF GAMING B850-PLUS WIFI ATX AM5 para AMD Ryzen, DDR5, PCIe 5.0, Wi-Fi 7, fases de poder 14+2+1, USB 20Gbps Tipo-C, Lista para IA

[Título corto:] Tarjeta madre ASUS TUF GAMING B850-PLUS WIFI ATX AM5 para AMD Ryzen, DDR5, PCIe 5.0, Wi-Fi 7, Lista para IA

[Puntos clave/ Características:]

1. Preparado para la informática de IA avanzada: Diseñado para el futuro de la informática de IA, con la potencia y conectividad necesarias para las exigentes aplicaciones de IA.
2. Socket AM5 de AMD: Preparado para el socket AM5 de AMD para los procesadores de sobremesa AMD Ryzen™ series 9000 y 8000 y 7000.
3. Solución de alimentación mejorada: 14+2+1 etapas de alimentación DrMOS de 80A, PCB de 8 capas, conectores de alimentación ProCool de 8+8 pines, choques de aleación y condensadores duraderos para un suministro de energía estable.
4. Soporte M.2 de última generación: Una ranura PCIe 5.0 M.2 en placa y dos ranuras PCIe 4.0 M.2, equipadas con todos los disipadores M.2
5. Conectividad ultrarrápida: Wi-Fi 7, ranura PCIe 5.0 x16, Realtek 2.5Gb Ethernet, puerto trasero USB 20Gbps Type-C®, conector frontal USB 10Gbps Type-C®, compatibilidad con cabecera Thunderbolt™ (USB4®).

6. Refrigeración integral: Disipador VRM ampliado, tres disipadores M.2, disipador PCH, cabezales de ventilador híbridos y Fan Xpert 4
7. Diseño DIY: PCIe Slot Q-Release, nuevo M.2 Q-Latch, Q-Antenna, Q-Dashboard, Q-LED, BIOS FlashBack™ y escudo de E/S premontado.
8. Personalización sin igual: Tres cabezales Gen 2 direccionables, todos configurables con iluminación RGB Aura Sync exclusiva de ASUS.
9. Software de renombre: TurboV Core, ASUS DriverHub, ASUS GlideX, ASUS MyHotkey

[Keywords:]

Motherboard, ASUS, Tarjeta, placa, madre, base, AM5, AMD, Intel, B850, B860, chipset, TUF, streaming, gaming, Edición, Fotografía, juegos, LGA1700, LGA1851, Ryzen, Core, Ultra, nueva, B650, X870, overclock, DDR5, RAM, USB, WiFi, ia, EXPO, XMP DOCP, RGB, ARGB, Aura, PCI, NVME, SATA, AM4, TUF, LAN, entretenimiento, esports

ESPECIFICACIONES TÉCNICAS

TUF GAMING B850-PLUS 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*** * 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.
Expansion Slots	AMD Ryzen™ 9000 & 7000 Series Desktop Processors* 1 x PCIe 5.0 x16 slot (supports x16 mode) AMD Ryzen™ 8000 Series Desktop Processors 1 x PCIe 4.0 x16 slot (supports x8/x4 mode)** AMD B850 Chipset 1 x PCIe 4.0 x16 slot (supports x4 mode)*** 2 x PCIe 4.0 x1 slots * Please check the PCIe bifurcation table on the support site (https://www.asus.com/support/FAQ/1037507/). ** Specifications vary by CPU types. *** The PCIEX16(G4) shares bandwidth with M.2_3. The PCIEX16(G4) will be disabled when M.2_3 runs. - 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 3 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 2280 (supports PCIe 5.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode) AMD Ryzen™ 8000 Series Desktop Processors

	M.2_1 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4/x2 mode)** AMD B850 Chipset M.2_3 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)*** 4 x SATA 6Gb/s ports * AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/5/10 and SATA RAID 0/1/5/10. RAID 5 Function is only supported by AMD Ryzen™ 9000 series CPU. ** Specifications vary by CPU types. *** The PCIEX16(G4) shares bandwidth with M.2_3. The PCIEX16(G4) will be disabled when M.2_3 runs.
Ethernet	1 x Realtek 2.5Gb Ethernet TUF LANGuard
Wireless & Bluetooth®	Wi-Fi 7* 2x2 Wi-Fi 7 (802.11be) Supports 2.4/5/6GHz frequency band** Supports Wi-Fi 7 160MHz bandwidth, up to 2.9Gbps 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, please 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 10 ports) 1 x USB 20Gbps port (1 x USB Type-C®) 3 x USB 10Gbps ports (3 x Type-A) 4 x USB 5Gbps ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A)

	Front USB (Total 7 ports) 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 * USB Type-C® power delivery output: max. 5V/3A.
Audio	Realtek ALC1220P 7.1 Surround Sound High Definition Audio CODEC - Impedance sense for front and rear headphone outputs - Internal audio Amplifier to enhance the highest quality sound for headphone and speakers - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - High quality 120 dB SNR stereo playback output and 113 dB SNR recording input (Line-in) - Supports up to 32-Bit/192 kHz playback* Audio Features - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers - Audio cover - Unique de-pop circuit * Due to limitations in HDA bandwidth, 32-Bit/192 kHz is not supported for 7.1 Surround Sound audio.
Back Panel I/O Ports	1 x USB 20Gbps port (1 x USB Type-C®) 3 x USB 10Gbps ports (3 x Type-A) 4 x USB 5Gbps ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) 1 x DisplayPort 1 x HDMI™ port 1 x Wi-Fi module 1 x Realtek 2.5Gb Ethernet port 5 x Audio jacks

	1 x BIOS FlashBack™ 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 4 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 3 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 headers 1 x Clear CMOS header 1 x Chassis Intrusion header 1 x COM Port header 1 x Front Panel Audio header (F_AUDIO) 1 x 10-1 pin Front System Panel header 1 x Thunderbolt™ (USB4®) header
Special Features	ASUS TUF PROTECTION - DIGI+ VRM (- Digital power design with DrMOS) - ESD Guards

	- TUF LANGuard - Overvoltage protection - SafeSlot - Stainless-steel back I/O ASUS Q-Design - M.2 Q-Latch - PCIe Slot Q-Release - Q-Antenna - Q-Dashboard - Q-DIMM - Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]) ASUS Thermal Solution - M.2 heatsink - VRM heatsink design ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED - ProCool - Pre-mounted I/O shield - SafeDIMM Aura Sync - Addressable Gen 2 headers
Software Features	ASUS Exclusive Software Armoury Crate - Aura Creator - Aura Sync

	- Fan Xpert 4 - Power Saving ASUS DriverHub ASUS GlideX TurboV Core TUF GAMING CPU-Z DTS Audio Processing Norton 360 for Gamers (60 Days Free Trial) WinRAR (40 Days Free Trial) UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode - ASUS MyHotkey
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manageability	WOL by PME, PXE
Accessories	Cables 2 x SATA 6Gb/s cables Miscellaneous 1 x ASUS WiFi Q-Antenna 1 x TUF GAMING sticker 2 x M.2 rubber packages 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)
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Dimension	
Product (mm)_ L*W*H	305mm*244mm*48mm
Color Box (mm)_ L*W*H	353mm*273mm*68mm
Weight	
Motherboard only	1.32 kg
Full package	1.81 kg