

**NOMBRE DEL PRODUCTO:** Tarjeta madre ASUS TUF GAMING B860M-PLUS WIFI

## INFORMACIÓN GENERAL DEL PRODUCTO

**SKU:** TUF GAMING B860M-PLUS WIFI

**No. parte:** 90MB1JV0-M0AAY0

**Código UPC:** 197105783096

**MSRP:** \$ 209.99 USD

**Dimensiones:** 10.83\*10.83\*2.66

**Peso bruto:** 3.89lb

**Garantía:** 3 años

**Enlace de descarga de imágenes:**

[https://www.dropbox.com/scl/fo/6bugo1xax6a6tkx97tvk8/AE\\_Le7I0Q\\_HgMxuD6AGljLo?rkey=lcymy0gawujvz63a5dev82ho2&st=u71xsdlw&dl=0](https://www.dropbox.com/scl/fo/6bugo1xax6a6tkx97tvk8/AE_Le7I0Q_HgMxuD6AGljLo?rkey=lcymy0gawujvz63a5dev82ho2&st=u71xsdlw&dl=0)



## INFORMACIÓN PARA EL ALTA WEB DEL PRODUCTO

**[Título largo:]** Tarjeta madre ASUS TUF GAMING B860M-PLUS WIFI mATX LGA1851 para Intel Core Ultra con DDR5, PCIe 5.0, Wi-Fi 7, USB 20Gbps Tipo-C, fases de poder 12+1+2+1, Lista para IA

**[Título corto:]** Tarjeta madre ASUS TUF GAMING B860M-PLUS WIFI mATX LGA1851 para Intel Core Ultra con DDR5, PCIe 5.0, Wi-Fi 7, USB 20Gbps Tipo-C, fases de poder 12+1+2+1, Lista para IA

### **[Puntos clave/ Características:]**

- Preparado para la informática de IA avanzada: Diseñado para el futuro de la informática de IA, con la potencia y la conectividad necesarias para las exigentes aplicaciones de IA.
- Zócalo Intel® LGA 1851: Preparado para los procesadores Intel® Core™ Ultra (serie 2).
- Solución de alimentación mejorada: 12+2+1 etapas de alimentación DrMOS de 80A, conectores de alimentación ProCool de 8+8 pines, choques de aleación y condensadores duraderos para un suministro de energía estable
- Diseño térmico optimizado: Disipadores VRM de gran tamaño, disipadores M.2 y PCH, cabezales de ventilador híbridos y Fan Xpert 4
- Soporte M.2 de última generación: Una ranura M.2 PCIe 5.0 integrada y dos ranuras M.2 PCIe 4.0, todas con disipador M.2



- Conectividad ultrarrápida: Ranura PCIe 5.0 x16, puerto USB 20Gbps Type-C® trasero con modo DP Alt, conector USB 10Gbps Type-C® frontal.
- Redes de alto rendimiento: Wi-Fi 7 integrado (802.11be) y Ethernet Realtek de 2,5 Gb
- Diseño DIY Friendly: PCIe Slot Q-Release, M.2 Q-Latch, Q-Antenna, Q-Dashboard, Q-LED, BIOS FlashBack™ y escudo de E/S premontado.
- Personalización sin igual: Tres cabezales Gen 2 direccionables, todos configurables con Aura Sync exclusivo de ASUS.
- Software de renombre: ASUS DriverHub, ASUS GlideX, ASUS MyHotkey

**[Keywords:]**

Motherboard, ASUS, Tarjeta, placa, madre, base, LGA1851, Intel, B850, B860, chipset, TUF, streaming, gaming, Edición, Fotografía, juegos, LGA1700, 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

TUF GAMING B860M-PLUS WIFI	
Note: The specifications are subject to change without notice.	
<b>CPU</b>	Support Intel® Core™ Ultra Processors (Series 2) , LGA1851* Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0** * Refer to <a href="https://www.asus.com/support/download-center/">https://www.asus.com/support/download-center/</a> for CPU support list. ** Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.
<b>Chipset</b>	Intel® B860 Chipset
<b>Memory</b>	4 x DIMM slots, max. 192GB, DDR5 Support up to 8800+MT/s (OC), Non-ECC,Un-buffered ,Clocked Unbuffered DIMM (CUDIMM)* Dual Channel Memory Architecture DIMM Fit Supports Intel® Extreme Memory Profile (XMP) memory module

	<p>ASUS Enhanced Memory Profile III(AEMPIII)</p> <p>* 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 <a href="https://www.asus.com/support/download-center/">https://www.asus.com/support/download-center/</a>.</p> <p>* Adjustments will be made based on the specifications of mass-produced memory products available on the market.</p> <p>* Non-ECC, un-buffered DDR5 memory supports On-Die ECC function.</p>
<p><b>Graphics</b></p>	<p>1 x DisplayPort**</p> <p>1 x HDMI™ port***</p> <p>1 x USB 20Gbps port (USB Type-C®) supports DisplayPort video output**</p> <p>* Graphics specifications may vary between CPU types. Please refer to <a href="http://www.intel.com">www.intel.com</a> for any updates.</p> <p>** Supports max. 4K@60Hz as specified in DisplayPort 1.4.</p> <p>***Supports 4K@60Hz as specified in HDMI 2.1.</p> <p>**** VGA resolution support depends on processors' or graphic cards' resolution.</p> <p>*****While installing the operating system, please ensure that your monitor is connected to the HDMI port on the back I/O panel or to a discrete graphics card.</p>
<p><b>Expansion Slots</b></p>	<p><b>Intel® Core™ Ultra Processors(series 2)*</b></p> <p>1 x PCIe 5.0 x16 slot</p> <p><b>Intel® B860 Chipset</b></p> <p>1 x PCIe 4.0 x4 slot</p> <p>- To ensure compatibility of the device installed, please refer to <a href="https://www.asus.com/support/">https://www.asus.com/support/</a> for the list of supported peripherals.</p>
<p><b>Storage</b></p>	<p><b>Total supports 3 x M.2 slots and 4 x SATA 6Gb/s ports*</b></p> <p><b>Intel® Core™ Ultra Processors(series 2)*</b></p> <p>M.2_1 slot (Key M), type 2280 (supports PCIe 5.0 x4 mode)</p> <p><b>Intel® B860 Chipset</b></p> <p>M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)</p>

	<p>M.2_3 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)</p> <p>4 x SATA 6Gb/s ports</p> <p>* Intel® Rapid Storage Technology supports SATA RAID 0/1/5/10.</p>
<b>Ethernet</b>	<p>1 x Realtek 2.5Gb Ethernet</p> <p>TUF LANGuard</p>
<b>Wireless &amp; Bluetooth®</b>	<p>Wi-Fi 7*</p> <p>2x2 Wi-Fi 7 (802.11be)</p> <p>Supports 2.4/5/6GHz frequency band**</p> <p>Supports Wi-Fi 7 160MHz bandwidth, up to 2.9Gbps transfer rate.</p> <p>Bluetooth® v5.4***</p> <p>*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.</p> <p>** Wi-Fi 6GHz frequency band and bandwidth regulatory may vary between countries.</p> <p>*** The Bluetooth® version may vary, please refer to the Wi-Fi module manufacturer's website for the latest specifications.</p>
<b>USB</b>	<p><b>Rear USB (Total 8 ports)</b></p> <p>1 x USB 20Gbps port (1 x USB Type-C®)</p> <p>2 x USB 10Gbps ports (2 x Type-A)</p> <p>4 x USB 5Gbps ports (4 x Type-A)</p> <p>1 x USB 2.0 port (1 x Type-A)</p> <p><b>Front USB (Total 5 ports)</b></p> <p>1 x USB 10Gbps connector (supports USB Type-C®)</p> <p>1 x USB 5Gbps header supports 2 additional USB 5Gbps ports</p> <p>1 x USB 2.0 headers support 2 additional USB 2.0 ports</p> <p>* USB Type-C® power delivery output: max. 5V/3A</p>
<b>Audio</b>	<p>Realtek 7.1 Surround Sound High Definition Audio CODEC</p> <ul style="list-style-type: none"> <li>- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking</li> <li>- Supports up to 24-Bit/192 kHz playback</li> </ul> <p><b>Audio Features</b></p>

	<ul style="list-style-type: none"> <li>- Audio Shielding</li> <li>- Rear optical S/PDIF out port</li> <li>- Premium audio capacitors</li> <li>- Dedicated audio PCB layers</li> </ul>
<b>Back Panel I/O Ports</b>	<ul style="list-style-type: none"> <li>1 x USB 20Gbps port (1 x USB Type-C® with DP Alt mode)</li> <li>2 x USB 10Gbps ports (2 x Type-A)</li> <li>4 x USB 5Gbps ports (4 x Type-A)</li> <li>1 x USB 2.0 port (1 x Type-A)</li> <li>1 x DisplayPort</li> <li>1 x HDMI™ port</li> <li>1 x Wi-Fi Module</li> <li>1 x Realtek 2.5Gb Ethernet port</li> <li>5 x Audio jacks</li> <li>1 x Optical S/PDIF out port</li> </ul>
<b>Internal I/O Connectors</b>	<p><b>Fan and Cooling related</b></p> <ul style="list-style-type: none"> <li>1 x 4-pin CPU Fan header</li> <li>1 x 4-pin CPU OPT Fan header</li> <li>1 x 4-pin AIO Pump header</li> <li>3 x 4-pin Chassis Fan headers</li> </ul> <p><b>Power related</b></p> <ul style="list-style-type: none"> <li>1 x 24-pin Main Power connector</li> <li>2 x 8-pin +12V CPU Power connectors</li> </ul> <p><b>Storage related</b></p> <ul style="list-style-type: none"> <li>3 x M.2 slots (Key M)</li> <li>4 x SATA 6Gb/s ports</li> </ul> <p><b>USB</b></p> <ul style="list-style-type: none"> <li>1 x USB 10Gbps connector (supports USB Type-C®)</li> <li>1 x USB 5Gbps header supports 2 additional USB 5Gbps ports</li> </ul>

	<p>1 x USB 2.0 header supports 2 additional USB 2.0 ports</p> <p><b>Miscellaneous</b></p> <p>3 x Addressable Gen 2 headers</p> <p>1 x Clear CMOS header</p> <p>1 x Chassis Intrusion header</p> <p>1 x Front panel audio header (F_AUDIO)</p> <p>1 x 10-1 pin Front System Panel header</p> <p>1 x Thunderbolt™ (USB4®) header</p>
<p><b>Special Features</b></p>	<p><b>ASUS TUF PROTECTION</b></p> <ul style="list-style-type: none"> <li>- DIGI+ VRM (- Digital power design with DrMOS)</li> <li>- ESD Guards</li> <li>- TUF LANGuard</li> <li>- Overvoltage Protection</li> <li>- SafeSlot</li> <li>- Stainless-steel back I/O</li> </ul> <p><b>ASUS Q-Design</b></p> <ul style="list-style-type: none"> <li>- M.2 Q-Latch</li> <li>- PCIe Slot Q-Release</li> <li>- Q-Antenna</li> <li>- Q-Dashboard</li> <li>- Q-DIMM</li> <li>- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])</li> </ul> <p><b>ASUS Thermal Solution</b></p> <ul style="list-style-type: none"> <li>- M.2 heatsinks</li> <li>- VRM heatsink design</li> </ul> <p><b>ASUS EZ DIY</b></p> <ul style="list-style-type: none"> <li>- CPU Socket lever protector</li> <li>- ProCool</li> </ul>

	<ul style="list-style-type: none"> <li>- Pre-mounted I/O shield</li> <li>- SafeDIMM</li> </ul> <p><b>AURA Sync</b></p> <ul style="list-style-type: none"> <li>- Addressable Gen 2 headers</li> </ul>
<b>Software Features</b>	<p><b>ASUS Exclusive Software</b></p> <p>Armoury Crate</p> <ul style="list-style-type: none"> <li>- AURA Creator</li> <li>- AURA Sync</li> <li>- Fan Xpert 2+</li> <li>- Power Saving</li> </ul> <p>ASUS DriverHub</p> <p>ASUS GlideX</p> <p>TurboV Core</p> <p>TUF GAMING CPU-Z</p> <p>DTS Audio Processing</p> <p>Norton 360 for Gamers (60 Days Free Trial)</p> <p>WinRAR (40 Days Free Trial)</p> <p><b>UEFI BIOS</b></p> <p>ASUS EZ DIY</p> <ul style="list-style-type: none"> <li>- ASUS CrashFree BIOS 3</li> <li>- ASUS EZ Flash</li> <li>- ASUS UEFI BIOS EZ Mode</li> <li>- ASUS MyHotkey</li> </ul> <p>NPU Boost</p>
<b>BIOS</b>	2 x 128 Mb Flash ROM, UEFI AMI BIOS
<b>Manageability</b>	WOL by PME, PXE
<b>Accessories</b>	<p><b>Cables</b></p> <p>2 x SATA 6Gb/s cables</p>

	<p><b>Miscellaneous</b></p> <ul style="list-style-type: none"><li>1 x ASUS WiFi Q-Antenna</li><li>2 x M.2 Rubber Packages</li><li>1 x TUF Gaming sticker</li><li>1 x Screw package for M.2 SSD</li></ul> <p><b>Documentation</b></p> <ul style="list-style-type: none"><li>1 x Quick start guide</li></ul>
<b>Operating System</b>	Windows 11
<b>Form Factor</b>	micro-ATX Form Factor 9.6inch x 9.6 inch ( 24.4 cm x 24.4 cm )