



**Mainboard
ASROCK Intel
B860 Express
LGA1851 ATX
Memory DDR5
Memory slots 4
1xPCI-Express
4.0 16x 1xPCI-
Express 5.0 16x
1xM.2 1xHDMI
1xDisplayPort
1xAudio-Out
1xMicrophone
3xUSB 2.0
6xUSB 3.2
1xUSB-C
w/Thunderbolt
1xOptical S/PDIF
1xRJ45
B860STEELLEGENDWIFI**

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Modelis: B860 STEEL LEGEND WIFI

Gamintojas: ASROCK

EAN: 4711581490123

Prekės kodas: 94970

199.99€

Performance

Optimized VRM Design

20K Capacitor

Exclusive 20K Cap with 1000uF Capacitance

The upgraded 20K Black capacitor not only extends the lifespan to 20,000 hours but also increases the capacitance value from 560uF to 1000uF, bringing several benefits:

- Higher Capacitance: Greater charge storage for better support under high loads.
- Lower Ripple: Reduced power output fluctuations, improving quality.
- More Stable Output Current: Stable power supply, minimizing voltage impacts.
- Better Performance & System Stability: Increased reliability and consistent performance.

VRM Design

14+1+1 Power Phase Design

Featuring sturdy components and completely smooth power delivery to the CPU. Plus, it offers unmatched overclocking capabilities and enhanced performance with the lowest temperature for advanced gamers as well.

Dr. MOS

Dr.MOS is the integrated power stage solution which is optimized for synchronous buck-set down voltage applications! Compared to traditional discrete MOSFETs, it intelligently delivers higher current for each phase, thus providing improved thermal result and superior performance.

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Power Connector

Hi-Density Power Connector

CPU overclocking requires higher current. ASRock Hi-Density Power Connectors are designed to withstand higher currents compared to traditional CPU and ATX power connectors, providing a more stable system and reducing the risk of fire during heavy overclocking.

2oz Copper PCB

2 ounce copper inner layers that provide stable signal traces and power shapes! Delivering lower temperature and higher energy efficiency for overclocking.

DDR5 XMP & EXPO Support

Derived from the “built for stable and reliable” designing concept, ASRock does not compromise on any details. This motherboard is built with high quality materials, enthusiasts are able to enjoy the boost of DDR5 memory overclocking performance by enabling the pre-tested profiles. Make sure the memory modules are Intel® XMP/AMD EXPO™ capable and overclocking can be made so affordable, satisfying and absolutely no sweat at all.

High Speed M.2 Solution

PCIe Gen5 Blazing M.2

The Blazing M.2 accommodates the latest PCI Express 5.0 standard to perform twice the bandwidth compared to previous generation, with a breathtaking 128Gb/s transfer speed, it is ready to unleash the full potential of future ultrafast SSDs.

Hyper M.2 Gen4 x4

Supports PCI Express 4.0 M.2 SSDs, it is capable of perform twice the speed compared to previous 3rd generation, giving a lightning fast data transferring experience.

DIY Friendly Design

Graphics Card Lite Release

Equipped with an enlarged latch for easy pressing, simplifying both the installation and removal of graphics cards.

M.2 Heatsink Toolless Design

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Besides the M.2 SSD toolless design on the motherboard, ASRock up a notch by introducing this industry first M.2 heatsink quick release mechanism on the motherboard. The user friendly toolless design helps installing M.2 SSD super easy & simple.

M.2 Bottom Heatsink

The M.2 bottom heatsink is able to dissipate heat of the M.2 SSD efficiently through the motherboard PCB, maximize performance while maintaining system stability.

Enlarged M.2 Heatsink

XXL M.2 Heatsink

The extra large aluminum alloy M.2 heatsink effectively improves heat dissipation to keep those high speed M.2 SSDs as cool as possible, it is able to give better stability while maintaining top performance.

Anti-Drop Screw

Tired of dropping screws or screws missing inside chassis?

The enhanced M.2 heatsink with anti-drop screw design that make sure installation process more easily.

Cooling

Intelligent Cooling Design

Aluminum Heatsink

The first thing that catches the eye is the optimized Aluminum Heatsink Design. Heatsinks are crucial for efficient heat dissipation, especially during heavy workloads like gaming or productivity tasks. Motherboard that built with heatsinks can effectively manage thermal performance, hence ensure system stability and durability effortlessly.

PWM/DC Fan Support

ASRock fan headers automatically detect whether fans are running in DC or PWM mode, allowing users to fine-tune the fan curve and achieve quieter operation.

Thermistor Header

The thermistor cable and thermistor header provide an additional source for temperature

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monitoring, offering customized thermal management solutions based on workload. Thermal management settings can be easily configured via Fan-Tastic Tuning or UEFI.

Fan-Tastic Tuning

ASRock A-Tuning Fan-Tastic Tuning function enables users to auto-detect the minimum duty of each fan with a single click. Users can also easily adjust the fan curve via the visualized UI interface, meeting their system's cooling performance and noise reduction requirements.

Connectivity

Wi-Fi 6E 802.11ax

WiFi 6E technology has extended to the whole new 6GHz spectrum band, providing more WiFi capability and giving an even better and faster internet traffic. In addition to deliver higher speeds, the WiFi 6E also enhances the lower latency and supports service levels that are equivalent to 5G networks.

Thunderbolt™ 4 Type-C

Thunderbolt™ 4 technology brings speed and versatility to the most advanced USB Type-C, offering a fast and simple level of connection for work or home. It enables lightning-fast data transfer up to 40Gbps and connects external monitors, Thunderbolt™, and USB devices with a single Thunderbolt 4 cable.

Dragon 2.5 Gb/s LAN

The intelligent 2.5Gb/s LAN platform is built for maximum networking performance for the demanding requirements of home networking, content creators, online gamers and high-quality streaming media. Boost networking performance up to 2.5X the bandwidth compared to the standard gigabit Ethernet, you'll enjoy the faster and uncompromised connectivity experience for gaming, file transfers and backups.

More than USB Transfer Speed

Ultra USB Power

Provides stable power and better sound experience! Ultra USB Power provides 5V power transformed from +12V power rail, whose voltage drop will be much lower than the +5V from the PSU under heavy loading, and prevents noise from other devices or RGB LED.

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Front Panel USB 3.2 Gen2x2 Type-C Header

The latest USB 3.2 Gen2x2 Type-C delivers up to 20 Gbps data transfer rate which is 2x as fast as previous generation, providing a blazing fast data transfer interface with reversible USB Type-C design that fits the connector either way.

Nahimic Audio

Audio That Matters

Whether you are using headphones, a headset, external or internal speakers, via USB, Wi-Fi, analog output or even HDMI, Nahimic Audio offers you the most engaging listening experience, vibrant and rich with details.

Enhance Communication Quality

The Powerful algorithms to ensure the best noise-free conversation, giving a constant vocal level no matter the distance from your mic. The Nahimic audio engine dynamically clear the sound and remove interference noise and lower the voice variation. Result is a better comprehension and less fatigue.

- Static Noise Suppression
- Echo Cancellation
- Lateral Sound Cancellation
- Voice Stabilizer

Ultimate Gaming Experience

- Sound Tracker

The Sound Tracker is a visual indicator that points out the directions from which predominant sounds are coming. Each sound is properly positioned in 360° on a radar for a full immersion during the game.

- Works on any devices!

Enjoy the vibrant and high-quality Surround Sound on all your favorite audio devices. Nahimic is compatible with all of your favorite audio tools and ensures the best sound with any of them. Nahimic measure and improve to optimize our technology and offer you the best experience.

Stylish Design

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POLYCHROME RGB

This motherboard features onboard RGB headers and addressable RGB headers that allow motherboard to be connected to compatible LED devices such as strip, CPU fans, coolers, chassis and so on. Users may also synchronize RGB LED devices across the Polychrome RGB Sync-certified accessories to create their own unique lighting effects.

SignalRGB

SignalRGB unifies your RGB devices, offering seamless customization, game-reactive effects, macro automation, and system monitoring. The official partnership empowers ASRock motherboards with advanced lighting control, enhances compatibility with a diverse range of RGB devices, and provides greater customization flexibility.

DIY Friendly

Customized Thermal Management

The thermistor cable and thermistor header provide an additional source for temperature monitoring, offering customized thermal management solutions.

EZ Setting

Auto Driver Installer

No need to worry about lack of disk drive! Asrock preinstall LAN driver to ensure that you are able to install all drivers needed in an easier way than using SCD.

BIOS Flashback

Get the most convenient BIOS flashing with just a simple click. Users can easily achieve the latest BIOS support with a USB and a power supply. No CPU, RAM or other components are required.

Flexible Integrated I/O Shield

Unlike most so called pre-mounted I/O shield that is only decorated with fancy color schemes. We reserve more tolerance space and allow IO shield is adjustable when installing, thus fitting chassis perfectly without any mechanical issue.

- Supports Intel® Core™ Ultra Processors (Series 2)
- 14+1+1+1+1 Phase Power Design, 80A Dr.MOS for VCore+GT+SA

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- 4 x DDR5 DIMMs, Supports Dual Channel, up to 8666+ (OC)
- 1 PCIe 5.0 x16, 1 PCIe 4.0 x16
- Graphics Output Options: 1 HDMI, 1 DisplayPort, 1 Thunderbolt™ 4 Type-C
- Realtek ALC1220 7.1 CH HD Audio Codec, Nahimic Audio
- 1 Blazing M.2 (PCIe Gen5x4), 2 Hyper M.2 (PCIe Gen4x4), 1 M.2 (PCIe Gen4x2), 4 SATA3
- 1 Thunderbolt™ 4 Type-C (Rear), 1 USB 3.2 Gen2x2 Type-C (Front), 2 USB 3.2 Gen2 (Rear), 8 USB 3.2 Gen1 (4 Rear, 4 Front), 7 USB 2.0 (3 Rear, 4 Front)
- Realtek 2.5G LAN
- 802.11ax Wi-Fi 6E + Bluetooth

Summary: Asrock B860 Steel Legend WiFi. Processor manufacturer: Intel, Processor socket: LGA 1851 (Socket V1), Compatible processor series: Intel Core Ultra (Series 2). Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: PCI Express 4.0, PCI Express 5.0, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 7680 x 4320 pixels. USB connector type: USB Type-A, USB Type-C | Vendor Homepage:

<https://www.asrock.com/MB/Intel/B860%20Steel%20Legend%20WiFi/index.asp> | Audio chip: Realtek ALC1220 | Audio output channels: 7.1 | Certification: FCC, CE, ErP/EuP | Component for: PC | Motherboard chipset: Intel B860 | Motherboard chipset family: Intel | Motherboard form factor: ATX | Product colour: White | Windows operating systems supported: Windows 11 x64 | Compatible processor series: Intel Core Ultra (Series 2) | Processor manufacturer: Intel | Processor socket: LGA 1851 (Socket V1) | Supported processor sockets: LGA 1851 | ECC compatibility: Non-ECC | Maximum internal memory: 256 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported memory types: DDR5-SDRAM | Unbuffered memory: Yes | Number of storage drives supported: 8 | RAID levels: 0/1/10/5 | RAID support: Yes | Supported storage drive interfaces: PCI Express 4.0, PCI Express 5.0, SATA III | Supported storage drive types: HDD & SSD | HDCP: Yes | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | 12V power connector: Yes | ATX Power connector (24-pin): Yes | CPU fan connector: Yes | EPS power connector (8-pin): Yes | Front panel audio connector: Yes | Number of chassis fan connectors: 5 | Number of CPU fan connectors: 2 | Number of EPS power connectors (8-pin): 2 | Number of RGB LED pin headers: 1 | Number of SATA III connectors: 4 | Number of water pump connectors: 1 | RGB LED pin header: Yes | TPM connector: Yes | USB 2.0 connectors: 2 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 2 | USB 3.2 Gen 2x2 connectors: 1 | DisplayPort version: 1.4 | DisplayPorts quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Headphone

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outputs: 1 | Microphone in: Yes | S/PDIF out port: Yes | Thunderbolt ports quantity: 1 | USB 2.0 ports quantity: 3 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 4 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 2 | USB connector type: USB Type-A/USB Type-C | WiFi-AP antenna jack: 2 | Bluetooth: Yes | Bluetooth version: 5.3 | Ethernet interface type: 2.5 Gigabit Ethernet | Ethernet LAN: Yes | LAN controller: Dragon RTL8125BG | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Wi-Fi: Yes | Wi-Fi standards: 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) | 1st M.2 highest PCI Express generation: 5.0 | 1st M.2 largest key size: 2280 | 2nd M.2 highest PCI Express generation: 4.0 | 2nd M.2 largest key size: 2280 | 3rd M.2 highest PCI Express generation: 4.0 | 3rd M.2 largest key size: 2280 | 4th M.2 highest PCI Express generation: 4.0 | 4th M.2 largest key size: 2280 | Number of M.2 (M) slots: 4 | PCI Express x16 (Gen 4.x) slots: 1 | PCI Express x16 (Gen 5.x) slots: 1 | BIOS memory size: 256 | BIOS type: UEFI AMI | Depth: 244 | Width: 305 | Antenna included: Yes | Cables included: SATA | Model: B860 Steel Legend WiFi | Units per Shipping Box: 5 | Unit Calculated Volume: 0.008784 | Unit Calculated Weight: 2.17

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