



**Mainboard**  
**ASROCK AMD**  
**B650 SAM5 ATX**  
**Memory DDR5**  
**Memory slots 4**  
**1xPCI-Express**  
**3.0 16x 1xPCI-**  
**Express 4.0 1x**  
**1xPCI-Express**  
**5.0 16x 1xM.2**  
**1xHDMI**  
**1xDisplayPort**  
**8xUSB 2.0**  
**3xUSB 3.2**  
**2xUSB-C 1xRJ45**  
**2xAudio port**  
**B650STEELLEGENDWIFI**

Modelis: B650STEELLEGENDWIFI

Gamintojas: ASROCK

EAN: 4710483944598

Prekės kodas: 76310

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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# 176.99€

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Steel Legend represents the philosophical state of rock-solid durability and irresistible aesthetics. Built around most demanding specs and features, the Steel Legend series aims at daily users and mainstream enthusiasts! Providing a strong array of materials/components to ensure a stable and reliable performance.

## **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.

## **14+2+1 Power Phase Design**

Featuring sturdy components and completely smooth power delivery to the CPU, offering enhanced performance for gamers.

## **20K Capacitor**

20K black capacitors with lifespans of at least 20,000 hours, provides even longer component durability compares with normal capacitors, extending MTBF to give better system stability.

## **8 Layer PCB design**

The 8 Layer PCB provides stable signal traces and power shapes delivering lower temperature and higher energy efficiency, ensures a reliable and long-lasting system while delivering ultimate performance without any compromise.

## **PCIe 5.0 + Surface-Mount Tech**

Compares to conventional DIP style PCIe slot, the SMT type PCIe slot improves signal flow and maximize stability under high speed, a key breakthrough to fully support the lightning speed of the latest PCIe 5.0 standard.

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The latest PCI Express 5.0 is capable to perform a breathtaking bandwidth of 128GBps, ready to unleash the full potential of future high end graphic cards.

### **DDR5 EXPO & XMP Support**

Derived from the “built for stable and reliable” designing concept, ASRock does not compromise on any details. All B650 motherboards are built with 8-Layer PCB design, enthusiasts are able to enjoy the boost of DDR5 memory overclocking performance up to 7200MHz and beyond by enabling the pre-tested profiles. Make sure the memory modules are AMD EXPO™/ Intel® XMP capable and overclocking can be made so affordable, satisfying and absolutely no sweat at all.

### **Blazing OC Tuner**

The Blazing OC Tuner allows AM5 CPU to switch between OC mode and PBO(Precision Boost Overdrive) mode when the CPU current hits threshold. Anything above current threshold will engage manual OC mode; if below current threshold then will engage Precision Boost Overdrive mode. This idea is to combine overclocking on all cores and automatic boost on a single core to get the best performance out of your CPU. There is no need to enter BIOS to setup up, you can modify all the settings on time under OS.

### **AMD PBO Technology**

PBO(Precision Boost Overdrive) is an automatic performance-maximizing technology that is able to improve your PC's performance by raising clock speeds based on the conditions inside your PC, AMD's processors is equipped with intelligent thermal sensors designed to analyze conditions inside your PC and make the “go faster” decision as often as possible, please ensure system cooling is sufficient before enabling PBO.

### **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

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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: Jack, USB, Bluetooth, HDMI, S/PDIF. 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.

### **POLYCHROME RGB**

This motherboard features onboard RGB headers and an addressable RGB header 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

### **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.

### **Wi-Fi 6E 802.11ax**

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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.

### **Front USB 3.2 Gen1 Type-C**

Front USB 3.2 Gen1 Type-C header delivers up to 5 Gbps data transfer rate and next generation reversible USB design to the front panel of computer case.

- Supports AMD Socket AM5 Ryzen™ 8000 and 7000 Series Processors
- 14+2+1 Power Phase, 80A Dr.MOS for VCore
- 4 x DDR5 DIMMs
- Supports Dual Channel, up to 7200+ (OC)
- 1 PCIe 5.0 x16, 1 PCIe 3.0 x16, 1 PCIe 4.0 x1
- Graphics Output Options: 1 HDMI, 1 DisplayPort
- Realtek ALC4082 7.1 CH HD Audio Codec, Nahimic Audio
- 4 SATA3, 1 Blazing M.2 (PCIe Gen5x4), 2 Hyper M.2 (PCIe Gen4x4)
- 1 USB 3.2 Gen2x2 Type-C (Rear)
- 1 USB 3.2 Gen1 Type-C (Front)
- 1 USB 3.2 Gen2 Type-A (Rear)
- 8 USB 3.2 Gen1 Type-A (4 Rear, 4 Front)
- 8 USB 2.0 (4 Rear, 4 Front)
- Dragon 2.5G LAN
- 802.11ax WiFi 6E + Bluetooth
- Supports ASRock Auto Driver Installer, BIOS Flashback

Summary: Asrock B650 Steel Legend WiFi. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Graphics card family: AMD. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Dragon RTL8125BG, Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Vendor Homepage:

<https://www.asrock.com/MB/AMD/B650%20Steel%20Legend%20WiFi/index.asp#Overview> | Audio chip: Realtek ALC4082 | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD

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B650 | Motherboard chipset family: AMD | Motherboard form factor: ATX | Compatible processor series: AMD Ryzen 7000 Series | Maximum number of SMP processors: 1 | Processor manufacturer: AMD | Processor socket: Socket AM5 | ECC compatibility: ECC & Non-ECC | Maximum internal memory: 192 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported memory types: DDR5-SDRAM | Unbuffered memory: Yes | RAID levels: 0/1/10 | RAID support: Yes | Supported storage drive interfaces: M.2,SATA III | Supported storage drive types: HDD & SSD | Graphics card family: AMD | On-board graphics card: Yes | ATX Power connector (24-pin): Yes | CPU fan connector: Yes | Front panel audio connector: Yes | Number of SATA III connectors: 4 | 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 2 (3.1 Gen 2) connectors: 1 | DisplayPort version: 1.4 | DisplayPorts quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | Microphone in: Yes | S/PDIF out port: Yes | USB 2.0 ports quantity: 4 | 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: 1 | USB 3.2 Gen 2x2 Type-C ports quantity: 1 | Bluetooth: Yes | Bluetooth version: 5.2 | 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 6E (802.11ax) | Number of M.2 (M) slots: 3 | PCI Express x1 (Gen 4.x) slots: 1 | PCI Express x16 (Gen 3.x) slots: 1 | PCI Express x16 (Gen 5.x) slots: 1 | BIOS memory size: 256 | BIOS type: UEFI AMI | Depth: 244 | Width: 305 | Cables included: SATA | Screws included: Yes | Model: B650 STEEL LEGEND WIFI | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01155 | Unit Calculated Weight: 2.3

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