



Mainboard
ASROCK Intel
B860 LGA 1851
(Socket V1)
micro ATX RAM
DDR5-SDRAM
2xSlots
1xNumber of
M.2 (M) slots
B860M-XGEN5

Model: B860M-X GEN5

Manufacturer: ASROCK

EAN: 4711581490727

Product Code: 1427292

R3,056

X Series motherboard offers a compact, high-value solution, balancing performance, versatility, and reliability for both professional and daily tasks.

The ASRock X-Series motherboard provides a high-value solution, balancing performance and

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versatility within a compact form factor. It's highly capable in handling a wide range of tasks, from professional productivity to everyday usage, striking an excellent balance between affordability, reliability, and efficiency.

6 Layer PCB

The 6 Layer PCB provides stable signal traces and power shapes delivering lower temperature and higher energy efficiency for memory overclocking! Thus, it's able to support the latest memory modules with most extreme memory performance!

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.

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.

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.

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.

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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.

Summary: Asrock B860M-X Gen5. 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: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, M.2, Supported storage drive types: HDD & SSD. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Dragon RTL8125BG. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel | Vendor Homepage: <https://www.asrock.com/MB/Intel/B860M-X%20Gen5/index.asp#Overview> | Motherboard chipset: Intel B860 | Audio chip: Realtek ALC897 | Component for: PC | Motherboard form factor: micro ATX | Audio output channels: 7.1 | Motherboard chipset family: Intel | Windows operating systems supported: Windows 11 x64 | Processor manufacturer: Intel | Processor socket: LGA 1851 (Socket V1) | Compatible processor series: Intel Core Ultra (Series 2) | Maximum number of SMP processors: 1 | Supported memory types: DDR5-SDRAM | Number of memory slots: 2 | Memory slots type: DIMM | Memory channels: Dual-channel | ECC compatibility: Non-ECC | Maximum internal memory: 128 | Unbuffered memory: Yes | Supported storage drive types: HDD & SSD | Supported storage drive interfaces: SATA III,M.2 | HDCP: Yes | HDCP version: 2.3 | USB 2.0 connectors: 2 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 2 | Number of SATA III connectors: 4 | Front panel audio connector: Yes | ATX Power connector (24-pin): Yes | CPU fan connector: Yes | Number of CPU fan connectors: 2 | Number of chassis fan connectors: 2 | Peripheral (Molex) power connectors (4-pin): 1 | EPS power connector (8-pin): Yes | Number of EPS power connectors (8-pin): 1 | TPM connector: Yes | RGB LED pin header: Yes | Number of RGB LED pin headers: 4 | USB 2.0 ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 3 | USB 3.2 Gen 2x2 Type-C ports quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | DisplayPorts quantity: 1 | DisplayPort version: 1.4 | Headphone outputs: 1 |

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Line-in: Yes | Ethernet LAN: Yes | Ethernet interface type: 2.5 Gigabit Ethernet | LAN controller: Dragon RTL8125BG | Wi-Fi: No | PCI Express x1 (Gen 4.x) slots: 1 | PCI Express x4 (Gen 4.x) slots: 1 | PCI Express x16 (Gen 5.x) slots: 1 | Number of M.2 (M) slots: 1 | BIOS type: EFI AMI | BIOS memory size: 256 | Width: 244 | Depth: 218 | Cables included: SATA | Screws included: Yes | Unit Calculated Weight: 1.18 | Unit Calculated Volume: 0.005668 | Units per Shipping Box: 10 | Unit Width: 26.5 | Units per Pallet: 0 | Shipping Box Height: 32 | Unit Depth: 29.5 | Unit Height: 6 | Name: MB B860 S1851 MATX/B860M-X GEN5 ASROCK

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