

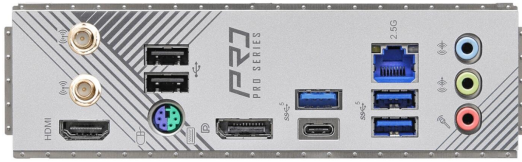
B760M-PRO-RS-WIFI

Asrock B760M Pro RS WiFi Intel 12th / 13th / 14th Gen Socket LGA 1700 mATX Motherboard

Product Overview

Asrock B760M Pro RS WiFi Intel 12th / 13th / 14th Gen Socket LGA 1700 mATX Motherboard, Intel B760 Chipset, 4x DDR5 DIMM Memory slots, 1x HDMI 2.1, 1x DisplayPort 1.4, 7.1 ch HD Audio, Nahimic Audio, 2.5 Gigabit LAN, 1x PCI-e 5.0 x16 slot (PCIe1) supports x16 mode, 1x PCI-e 3.0 x16 slot (PCIe2) supports x4 mode, 2x M.2 supports up to PCI-e Gen4 x4, 4x SATA3 Ports, USB 3.2 Gen1 Type-C, USB 3.2 Gen1 Type-A, USB 2.0, Wi-Fi 6E, Bluetooth, 1x PS/2 Mouse / Keyboard Port, HD Audio jacks





Specifications

Overview Summary:

The ASRock B760M Pro RS WiFi is a feature-rich Micro ATX motherboard built for Intel 12th, 13th and 14th Gen processors on the LGA1700 platform. With support for DDR5 memory, PCIe 5.0 graphics, Wi-Fi 6E, Bluetooth 5.3 and ultra-fast NVMe storage, it provides a strong foundation for gaming, content creation and everyday performance computing. Its compact form factor makes it ideal for modern PC builds without sacrificing connectivity or expansion options.

Designed for users who want reliable performance and future-ready technology, this motherboard combines 2.5 Gigabit LAN, multiple M.2 slots and extensive USB connectivity in a durable platform. Whether you are building a new system or upgrading an existing PC, the ASRock B760M Pro RS WiFi is a smart choice. Buy now and complete your next Intel-powered build with confidence. Shop now for fast delivery across South Africa.

Performance tier:Mid-Range to Upper Mid-Range Enthusiast

Uses:Gaming PCs, content creation, home office systems, streaming setups, productivity workstations, DDR5 upgrades, Intel 12th Gen builds, Intel 13th Gen builds, Intel 14th Gen builds

Overview:

ASRock B760M Pro RS WiFi LGA1700 Micro-ATX Motherboard

Designed for modern Intel-powered systems, the ASRock B760M Pro RS WiFi delivers the performance, connectivity, and expansion capabilities required for gaming, content creation, and demanding multitasking workloads. Supporting Intel 12th, 13th, and 14th Gen processors, this Micro-ATX motherboard combines next-generation technologies such as DDR5 memory, PCIe 5.0 graphics support, and Wi-Fi 6E networking into a compact and versatile platform.

Description:

The ASRock B760M Pro RS WiFi is built for users seeking a balance of performance, reliability, and future-ready connectivity. Equipped with support for the latest Intel LGA1700 processors, high-speed DDR5 memory, PCIe 5.0 graphics cards, and ultra-fast storage, it provides an excellent foundation for gaming PCs and productivity systems alike. Integrated Wi-Fi 6E and 2.5 Gigabit LAN ensure low-latency networking, while its thoughtful Micro-ATX design simplifies installation without compromising functionality.

Features:

Built for Intel Performance

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Whether you are assembling a competitive gaming system or a powerful workstation, this motherboard is engineered to unlock the capabilities of Intel's latest processor generations. Its robust power delivery design ensures stable operation during demanding workloads, while extensive memory support helps future-proof your system.

Supporting up to 256GB of DDR5 memory, the ASRock B760M Pro RS WiFi provides the speed and capacity needed for intensive multitasking, media editing, and modern gaming experiences.

Connectivity That Keeps You Ahead

Fast and reliable networking is essential in today's connected environment. Integrated Wi-Fi 6E technology provides improved bandwidth, reduced congestion, and lower latency compared to previous wireless standards. Combined with onboard 2.5 Gigabit LAN, users can choose the networking solution best suited to their setup.

Display connectivity is equally versatile, allowing support for high-resolution monitors and multi-display environments through HDMI 2.1 and DisplayPort 1.4 outputs.

Ready for Tomorrow's Upgrades

PCIe 5.0 support ensures compatibility with the latest generation of graphics cards, offering exceptional bandwidth for high-end gaming and accelerated workloads. Multiple PCIe Gen4 M.2 slots provide rapid storage performance, reducing loading times and improving overall responsiveness.

The compact Micro-ATX layout also offers flexibility for a wide range of chassis options without sacrificing expansion potential.

Performance Highlights

- Supports Intel 12th, 13th, and 14th Gen Core processors using the LGA1700 socket
- DDR5 memory support with capacities up to 256GB
- Integrated Wi-Fi 6E with Bluetooth 5.3 connectivity
- PCIe 5.0 x16 slot for next-generation graphics cards
- 2.5 Gigabit LAN for high-speed wired networking
- Triple PCIe Gen4 M.2 support for ultra-fast NVMe SSDs
- HDMI 2.1 and DisplayPort 1.4 display outputs
- 7.1-channel HD Audio with Nahimic Audio enhancement
- Flexible Micro-ATX form factor suitable for compact builds

Technical Details

Part Number / SKU: B760M-PRO-RS-WIFI

Processor Support:

- Intel 14th Gen Core processors
- Intel 13th Gen Core processors
- Intel 12th Gen Core processors
- Intel Hybrid Technology support
- Intel Turbo Boost Max 3.0 Technology
- Intel Thermal Velocity Boost
- Intel Adaptive Boost Technology

Chipset:

- Intel B760

Memory Support:

- 4 x DDR5 DIMM slots

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- Dual-channel DDR5 architecture
- Maximum memory capacity of 256GB
- DDR5 speeds up to 7200+ MHz overclocked
- Intel XMP 3.0 support
- Non-ECC unbuffered memory compatibility

Expansion and Graphics:

- 1 x PCIe 5.0 x16 slot operating at x16
- 1 x PCIe 3.0 x16 slot operating at x4
- AMD CrossFire support
- HDMI 2.1 supporting up to 4K at 60Hz
- DisplayPort 1.4 supporting up to 8K at 60Hz or 5K at 120Hz

Storage Options:

- 3 x Hyper M.2 PCIe Gen4 x4 sockets
- Support for NVMe SSD boot drives
- 4 x SATA 6Gb/s ports
- Intel VMD support
- RAID 0, RAID 1, RAID 5, and RAID 10 support

Networking:

- 2.5 Gigabit Dragon RTL8125BG LAN
- Wi-Fi 6E 802.11ax dual-band connectivity
- Bluetooth 5.3
- MU-MIMO support

Audio:

- Realtek ALC897 7.1-channel HD Audio
- Nahimic Audio enhancement

USB Connectivity:

- 2 x USB 3.2 Gen1 Type-C ports
- 5 x USB 3.2 Gen1 Type-A ports
- 6 x USB 2.0 ports
- ESD protection across USB interfaces

Internal Connectivity and Cooling

The motherboard includes extensive connectivity for builders seeking customization and efficient cooling management.

- RGB LED header and three addressable RGB headers
- CPU fan connector
- Dedicated CPU or water pump connector
- Four chassis or water pump fan headers
- Front panel USB Type-C header
- USB 3.2 Gen1 front-panel header
- Thunderbolt AIC connector support
- Front panel audio connector
- TPM header support

Rear Panel Connections

- 2 x Wi-Fi antenna ports

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- 1 x PS/2 combo port
- 1 x HDMI port
- 1 x DisplayPort 1.4
- 1 x USB 3.2 Gen1 Type-C
- 3 x USB 3.2 Gen1 Type-A
- 2 x USB 2.0
- 1 x RJ-45 LAN port
- HD Audio jacks

Compact Design with Broad Compatibility

Measuring 24.4 cm x 24.4 cm, the Micro-ATX form factor offers an excellent balance between expandability and space efficiency. It enables builders to create clean, powerful systems suited to gaming setups, productivity environments, and multipurpose home PCs.

The ASRock B760M Pro RS WiFi, carrying Part Number B760M-PRO-RS-WIFI, stands out as a future-ready motherboard designed for users who want dependable performance, advanced connectivity, and upgrade flexibility without stepping up to a larger platform.

Package Contents

- ASRock B760M Pro RS WiFi Micro-ATX Motherboard
- 2 x SATA data cables
- 2 x Wi-Fi antennas
- 3 x M.2 screws
- 1 x M.2 standoff
- User manual

Specifications:

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Specifications	
Product Code	B760M-PRO-RS-WIFI

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Unique Feature	Superb Productivity
	- PCIe Gen5 (Graphics)
	- Dual Channel DDR5
	Rock-Solid Durability
	- 7+1+1 Power Phase, Dr.MOS for VCore+GT
	- Pre-Installed I/O Shield
	Ultrafast Connectivity
	- 2.5G LAN, Killer 802.11axe Wi-Fi 6E Module
	EZ Update
	- ASRock Auto Driver Installer
	EZ Troubleshooter
	- ASRock Post Status Checker
CPU	- Supports 14th, 13th & 12th Gen Intel Core Processors (LGA1700)
	- Supports Intel Hybrid Technology
	- Supports Intel Turbo Boost Max 3.0 Technology
	- Supports Intel Thermal Velocity Boost (TVB)
	- Supports Intel Adaptive Boost Technology (ABT)
Chipset	- Intel B760
Memory	- Dual Channel DDR5 Memory Technology
	- 4 x DDR5 DIMM Slots
	- Supports DDR5 non-ECC, un-buffered memory up to 7200+(OC)
	- Max. capacity of system memory: 256GB
	- Supports Intel Extreme Memory Profile (XMP) 3.0
	*1DPC 1R Up to 7200+ MHz (OC), 4800 MHz Natively.
	1DPC 2R Up to 6000+ MHz (OC), 4400 MHz Natively.
	2DPC 1R Up to 5600+ MHz (OC), 4000 MHz Natively.
	2DPC 2R Up to 4800+ MHz (OC), 3600 MHz Natively.
BIOS	- 128Mb AMI UEFI Legal BIOS with GUI support
Graphics	- Intel Xe Graphics Architecture (Gen 12)
	- 1 x HDMI 2.1 TMDS Compatible, supports HDCP 2.3 and max. resolution up to 4K 60Hz
	- 1 x DisplayPort 1.4 with DSC (compressed), supports HDCP 2.3 and max. resolution up to 8K 60Hz / 5K 120Hz
	* Intel UHD Graphics Built-in Visuals and the VGA outputs can be supported only with processors which are GPU integrated.
Audio	- 7.1 CH HD Audio (Realtek ALC897 Audio Codec)
	- Nahimic Audio

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LAN	- 2.5 Gigabit LAN 10/100/1000/2500 Mb/s
	- Dragon RTL8125BG
	- Supports Dragon 2.5G LAN Software
	- Smart Auto Adjust Bandwidth Control
	- Visual User Friendly UI
	- Visual Network Usage Statistics
	- Optimized Default Setting for Game, Browser, and Streaming Modes
	- User Customized Priority Control
Wireless LAN	- 802.11ax Wi-Fi 6E Module
	- Supports IEEE 802.11a/b/g/n/ac/ax/ax
	- Supports Dual-Band 2x2 160MHz with extended 6GHz band* support
	- 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology
	- Supports Bluetooth 5.3 + High speed class II
	- Supports MU-MIMO
	- Supports Killer LAN Software
	*The 6GHz band of Wi-Fi 6E module is supported by Microsoft Windows 11 only. The availability of the 6GHz band will depend on the different regulation status of each country and region. It will be activated (for supported countries) through Windows Update and software updates once available. A 6GHz compatible router is required for 6E functionality.
Slots	CPU:
	- 1 x PCIe 5.0 x16 Slot (PCIe1), supports x16 mode
	Chipset:
	- 1 x PCIe 3.0 x16 Slot (PCIe2), supports x4 mode
	- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel CNVio/CNVio2 (Integrated WiFi/BT)
	- Supports AMD CrossFire
	* Supports NVMe SSD as boot disks
Storage	CPU:
	- 1 x Hyper M.2 Socket (M2_1, Key M), supports type 2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode
	Chipset:
	- 1 x Hyper M.2 Socket (M2_2, Key M), supports type 2280 PCIe Gen4x4 (64 Gb/s) mode
	- 1 x Hyper M.2 Socket (M2_3, Key M), supports type 2280 PCIe Gen4x4 (64 Gb/s) mode
	- 4 x SATA3 6.0 Gb/s Connectors
	* Supports Intel Volume Management Device (VMD)
	Supports NVMe SSD as boot disks
RAID	- Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices

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USB	Chipset:
	- 2 x USB 3.2 Gen1 Type-C (1 Rear, 1 Front)
	- 5 x USB 3.2 Gen1 Type-A (3 Rear, 2 Front)
	- 6 x USB 2.0 (2 Rear, 4 Front)
	* All USB ports support ESD Protection
Connector	- 1 x SPI TPM Header
	- 1 x Chassis Intrusion and Speaker Header
	- 1 x RGB LED Header
	- 3 x Addressable LED Headers
	- 1 x CPU Fan Connector (4-pin)
	- 1 x CPU/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)
	- 4 x Chassis/Water Pump Fan Connectors (4-pin) (Smart Fan Speed Control)
	- 1 x 24 pin ATX Power Connector
	- 1 x 8 pin 12V Power Connector (Hi-Density Power Connector)
	- 1 x Front Panel Audio Connector
	- 1 x Thunderbolt AIC Connector (5-pin) (Supports ASRock Thunderbolt 4 AIC Card)
	- 2 x USB 2.0 Headers (Support 4 USB 2.0 ports)
	- 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports)
	- 1 x Front Panel Type C USB 3.2 Gen1 Header
	* Supports in total up to 12V/3A, 36W LED Strip
	** Support in total up to 5V/3A, 15W LED Strip
	*** CPU_FAN1 supports the fan power up to 1A (12W).
	**** CPU_FAN2/WP supports the fan power up to 2A (24W).
	***** CHA_FAN1~4/WP support the fan power up to 2A (24W).
	CPU_FAN2/WP and CHA_FAN1~4/WP can auto detect if 3-pin or 4-pin fan is in use.
Rear Panel I/O	- 2 x Antenna Ports
	- 1 x PS/2 Mouse/Keyboard Port
	- 1 x HDMI Port
	- 1 x DisplayPort 1.4
	- 1 x USB 3.2 Gen1 Type-C Port
	- 3 x USB 3.2 Gen1 Type-A Ports
	- 2 x USB 2.0 Ports
	- 1 x RJ-45 LAN Port
	- HD Audio Jacks: Line in / Front Speaker / Microphone

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Product Specification Sheet

Software and UEFI	Software
	- ASRock Motherboard Utility (A-Tuning)
	- ASRock Dragon 2.5G LAN Software
	- Killer Control Center
	- ASRock Polychrome SYNC
	UEFI
	- ASRock EZ Mode
	- ASRock Full HD UEFI
	- ASRock My Favorites in UEFI
	- ASRock Auto Driver Installer
	- ASRock Instant Flash
	- ASRock Easy RAID Installer
	*These utilities can be downloaded from ASRock Live Update & APP Shop.
Accessories	- 1 x User Manual
	- 2 x SATA Data Cables
	- 2 x ASRock WiFi 2.4/5/6 GHz Antennas
	- 3 x Screws for M.2 Sockets
	- 1 x Standoff for M.2 Socket
Form Factor	- Micro ATX Form Factor: 9.6-in x 9.6-in, 24.4 cm x 24.4 cm
OS	- Microsoft Windows 10 64-bit / 11 64-bit
Certifications	- FCC, CE
	- ErP/EuP ready (ErP/EuP ready power supply is required)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/B760M-PRO-RS-WIFI-Asrock-B760M-Pro-RS-WiFi-Intel-12th-Buy-p-337846.php>

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