



B760M-ITX/D4 *WiFi*

Contact Information

If you need to contact ASRock or want to know more about ASRock, you're welcome to visit ASRock's website at <http://www.asrock.com>; or you may contact your dealer for further information. For technical questions, please submit a support request form at <https://event.asrock.com/tsd.asp>

ASRock Incorporation

e-mail: info@asrock.com.tw

ASRock EUROPE B.V.

e-mail: sales@asrock.nl

ASRock America, Inc.

e-mail: sales@asrockamerica.com



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Chapter 1 Introduction

Thank you for purchasing ASRock B760M-ITX Gen5 WiFi motherboard, a reliable motherboard produced under ASRock's consistently stringent quality control. It delivers excellent performance with robust design conforming to ASRock's commitment to quality and endurance.



Because the motherboard specifications and the BIOS software might be updated, the content of this documentation will be subject to change without notice. In case any modifications of this documentation occur, the updated version will be available on ASRock's website without further notice. If you require technical support related to this motherboard, please visit our website for specific information about the model you are using. You may find the latest VGA cards and CPU support list on ASRock's website as well. ASRock website <http://www.asrock.com>.

1.1 Package Contents

- ASRock B760M-ITX Gen5 WiFi Motherboard (Mini-ITX Form Factor)
- 2 x Serial ATA (SATA) Data Cables (Optional)
- 1 x I/O Panel Shield
- 2 x ASRock WiFi 2.4/5/6 GHz Antennas (Optional)
- 2 x Screws for M.2 Sockets (Optional)

1.2 Specifications

Platform	<ul style="list-style-type: none">• Mini-ITX Form Factor
CPU	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Intel® B760
Memory	<ul style="list-style-type: none">• Dual Channel DDR5 Memory Technology• 2 x DDR5 DIMM Slots• Supports DDR5 non-ECC, un-buffered memory up to 7800+(OC)*• Max. capacity of system memory: 128GB• Supports Intel® Extreme Memory Profile (XMP) 3.0 <p>* Please refer to Memory Support List on ASRock's website for more information. (http://www.asrock.com/)</p>
Expansion Slot	<p>CPU:</p> <ul style="list-style-type: none">• 1 x PCIe 5.0 x16 Slot (PCIE1), supports x16 mode* <p>Chipset:</p> <ul style="list-style-type: none">• 1 x Vertical M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel® CNVio/CNVio2 (Integrated WiFi/BT)
Graphics	<ul style="list-style-type: none">• Intel® UHD Graphics Built-in Visuals and the VGA outputs can be supported only with processors which are GPU integrated.• 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

Audio

- 7.1 CH HD Audio (Realtek ALC897 Audio Codec)
- Nahimic Audio

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

- 802.11axe Wi-Fi 6E Module
- Supports IEEE 802.11a/b/g/n/ac/ax/axe
- Supports Dual-Band 2x2 with extended 6GHz band* support

* 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.

- 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology
- Supports Bluetooth 5.3
- Supports MU-MIMO

USB

Chipset:

- 2 x USB 3.2 Gen1 Type-C (1 Rear, 1 Front)
- 4 x USB 3.2 Gen1 (2 Rear, 2 Front)
- 4 x USB 2.0 (2 Rear, 2 Front)

* All USB ports support ESD Protection

Rear Panel I/O

- 2 x Antenna Ports
- 1 x HDMI Port
- 1 x DisplayPort 1.4
- 1 x USB 3.2 Gen1 Type-C Port
- 2 x USB 3.2 Gen1 Ports
- 2 x USB 2.0 Ports
- 1 x RJ-45 LAN Port
- HD Audio Jacks: Line in / Front Speaker / Microphone

Storage

CPU:

- 1 x Hyper M.2 Socket (M2_1, Key M), supports type 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*

* 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

Connector

- 1 x CPU Fan Connector (4-pin) (Smart Fan Speed Control)*
- 1 x Chassis Fan Connector (4-pin) (Smart Fan Speed Control)*
- 1 x Chassis/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)**
- 1 x 24 pin ATX Power Connector
- 1 x 8 pin 12V Power Connector
- 1 x Front Panel Audio Connector
- 1 x USB 2.0 Header (Supports 2 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

* CPU_FAN1 and CHA_FAN2 support the fan power up to 1A (12W).

** CHA_FAN1/WP support the fan power up to 2A (24W).

** CHA_FAN1/WP can auto detect if 3-pin or 4-pin fan is in use.

BIOS	• AMI UEFI Legal BIOS with GUI support
Feature	

OS	• Microsoft® Windows® 10 64-bit / 11 64-bit
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Certifica-	• FCC, CE
tions	• ErP/EuP ready (ErP/EuP ready power supply is required)

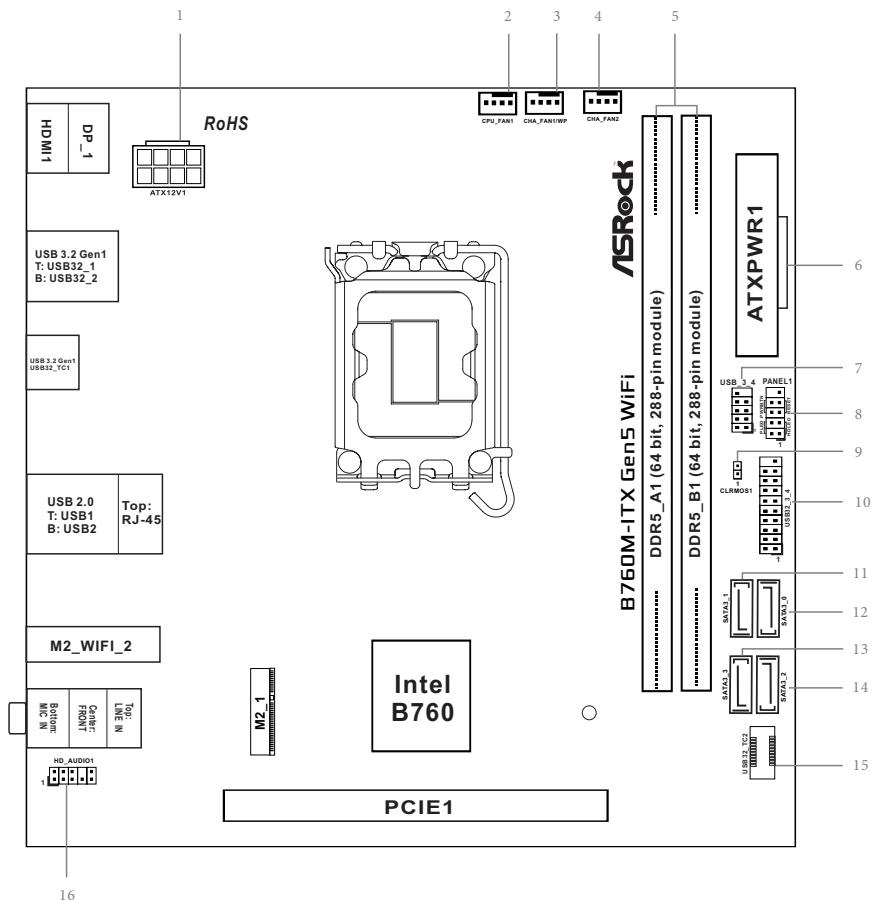
* For detailed product information, please visit our website: <http://www.asrock.com>



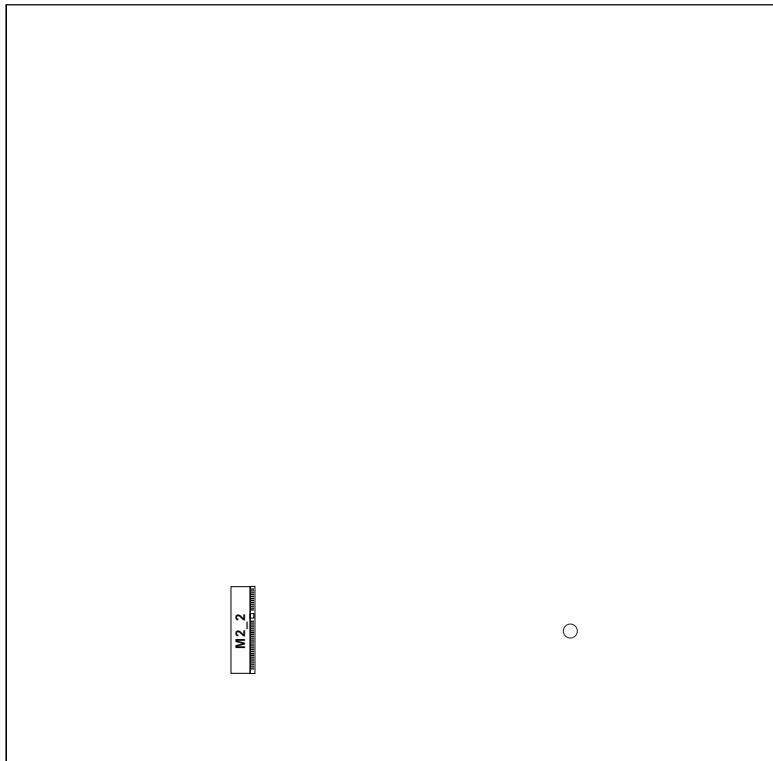
Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS, applying Untied Overclocking Technology, or using third-party overclocking tools. Overclocking may affect your system's stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. We are not responsible for possible damage caused by overclocking.

1.3 Motherboard Layout

Top Side View

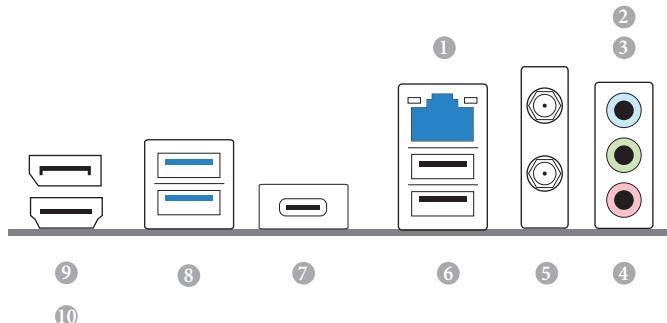


Back Side View



No.	Description
1	ATX 12V Power Connector (ATX12V1)
2	CPU Fan Connector (CPU_FAN1)
3	Chassis/Waterpump Fan Connector (CHA_FAN1/WP)
4	Chassis Fan Connector (CHA_FAN2)
5	2 x 288-pin DDR5 DIMM Slots (DDR5_A1, DDR5_B1)
6	ATX Power Connector (ATXPWR1)
7	USB 2.0 Header (USB_3_4)
8	System Panel Header (PANEL1)
9	Clear CMOS Jumper (CLRMOS1)
10	USB 3.2 Gen1 Header (USB32_3_4)
11	SATA3 Connector (SATA3_1)
12	SATA3 Connector (SATA3_0)
13	SATA3 Connector (SATA3_3)
14	SATA3 Connector (SATA3_2)
15	Front Panel Type C USB 3.2 Gen1 Header (USB32_TC2)
16	Front Panel Audio Header (HD_AUDIO1)

1.4 I/O Panel



No.	Description	No.	Description
1	2.5G LAN RJ-45 Port*	6	USB 2.0 Ports (USB12)
2	Line In (Light Blue)**	7	USB 3.2 Gen1 Type-C Port (USB32_TC1)
3	Front Speaker (Lime)**	8	USB 3.2 Gen1 Ports (USB32_12)
4	Microphone (Pink)**	9	DisplayPort 1.4
5	Antenna Ports	10	HDMI Port

* There are two LEDs on each LAN port. Please refer to the table below for the LAN port LED indications.

ACT/LINK LED

SPEED LED



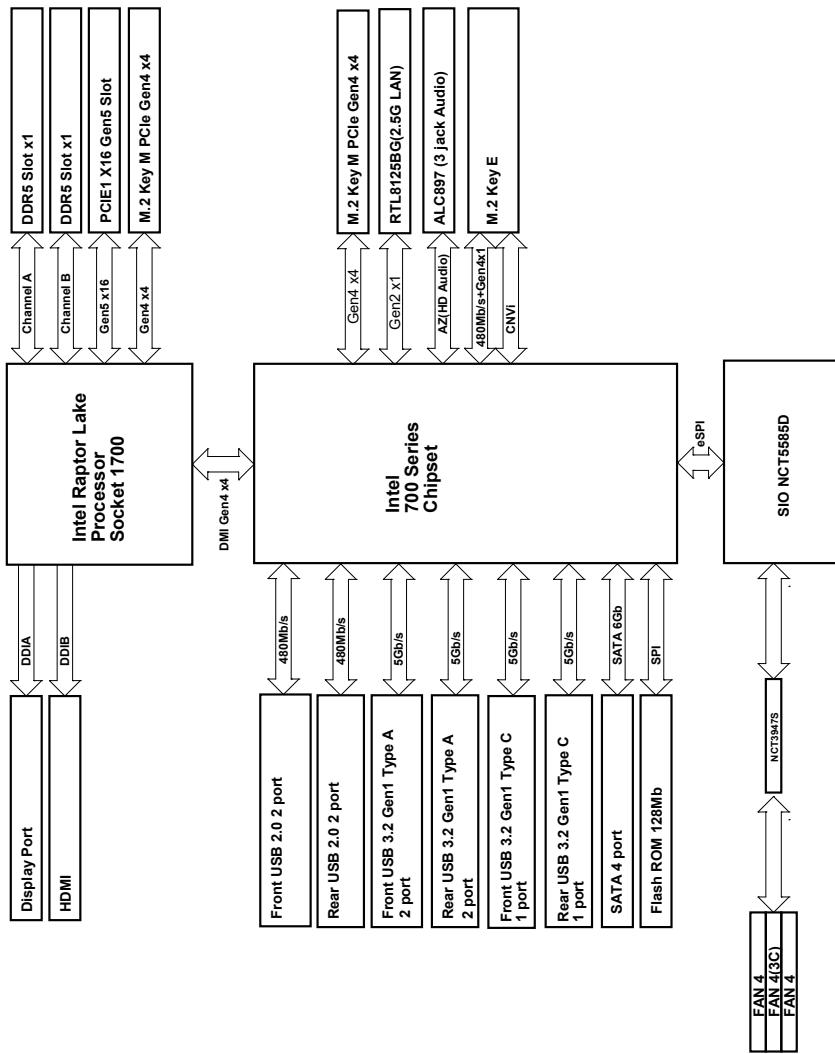
LAN Port

Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10Mbps connection
Blinking	Data Activity	Orange	100Mbps/1Gbps connection
On	Link	Green	2.5Gbps connection

** Function of the Audio Ports in 7.1-channel Configuration:

Port	Function
Light Blue (Rear panel)	Rear Speaker Out
Lime (Rear panel)	Front Speaker Out
Pink (Rear panel)	Central /Subwoofer Speaker Out
Lime (Front panel)	Side Speaker Out

1.5 Block Diagram



1.6 802.11axe Wi-Fi 6E Module and ASRock WiFi 2.4/5/6 GHz Antennas

802.11axe Wi-Fi 6E + BT Module

This motherboard comes with an exclusive 802.11 a/b/g/n/ac/ax/axe Wi-Fi 6E + BT v5.3 module that offers support for 802.11 a/b/g/n/ac/ax/axe Wi-Fi 6E connectivity standards and Bluetooth v5.3. Wi-Fi 6E + BT module is an easy-to-use wireless local area network (WLAN) adapter to support Wi-Fi 6E + BT. Bluetooth v5.3 standard features Smart Ready technology that adds a whole new class of functionality into the mobile devices. BT also includes Low Energy Technology and ensures extraordinary low power consumption for PCs.

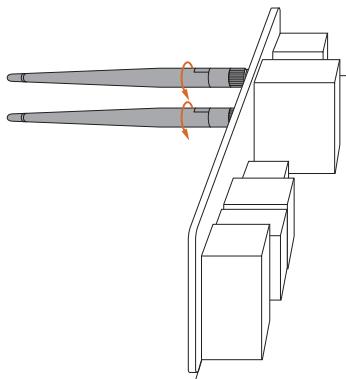
- * The transmission speed may vary according to the environment.
- * The 6GHz band of Wi-Fi 6E module is supported by Microsoft® Windows® 11 only. The availability of the 6GHz band will depend on the different regulation status of each country and region. It will be activated (for supported countries) through Windows® Update and software updates once available.
- * A 6GHz compatible router is required for 6E functionality.

WiFi Antennas Installation Guide



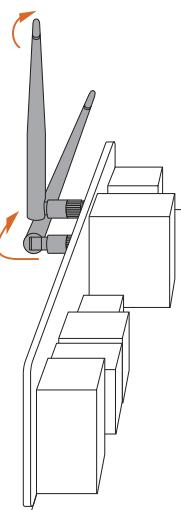
Step 1

Prepare the WiFi 2.4/5/6 GHz Antennas that come with the package.



Step 2

Connect the two WiFi 2.4/5/6 GHz Antennas to the antenna connectors. Turn the antenna clockwise until it is securely connected.



Step 3

Set the WiFi 2.4/5/6 GHz Antenna as shown in the illustration.

*You may need to adjust the direction of the antenna for a stronger signal.

Chapter 2 Installation

This is a Mini-ITX form factor motherboard. Before you install the motherboard, study the configuration of your chassis to ensure that the motherboard fits into it.

Pre-installation Precautions

Take note of the following precautions before you install motherboard components or change any motherboard settings.

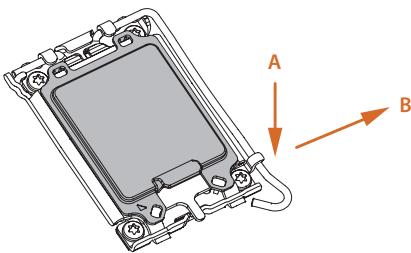
- Make sure to unplug the power cord before installing or removing the motherboard components. Failure to do so may cause physical injuries and damages to motherboard components.
- In order to avoid damage from static electricity to the motherboard's components, NEVER place your motherboard directly on a carpet. Also remember to use a grounded wrist strap or touch a safety grounded object before you handle the components.
- Hold components by the edges and do not touch the ICs.
- Whenever you uninstall any components, place them on a grounded anti-static pad or in the bag that comes with the components.
- When placing screws to secure the motherboard to the chassis, please do not over-tighten the screws! Doing so may damage the motherboard.

2.1 Installing the CPU

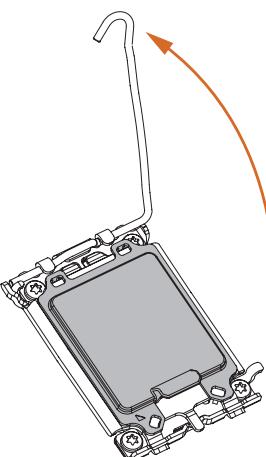


1. Before you insert the 1700-Pin CPU into the socket, please check if the PnP cap is on the socket, if the CPU surface is unclean, or if there are any bent pins in the socket. Do not force to insert the CPU into the socket if above situation is found. Otherwise, the CPU will be seriously damaged.
2. Unplug all power cables before installing the CPU.

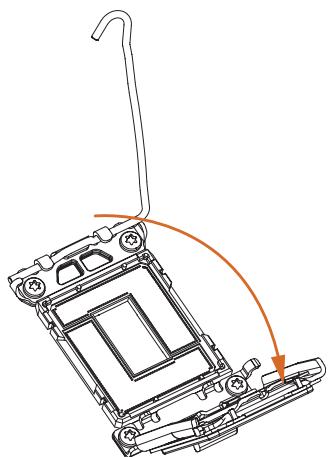
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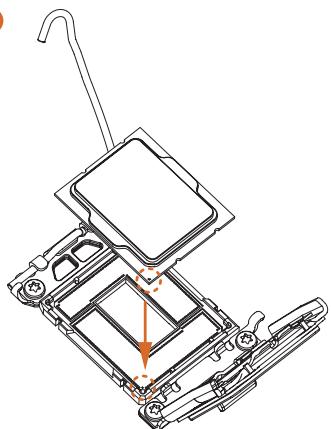
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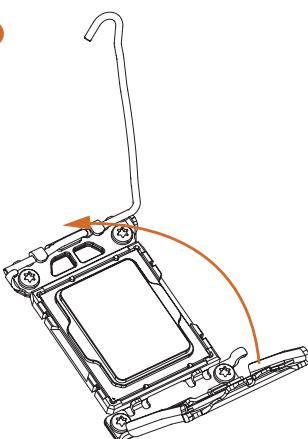
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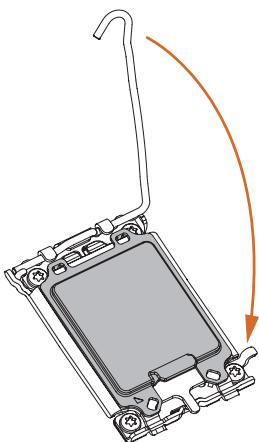
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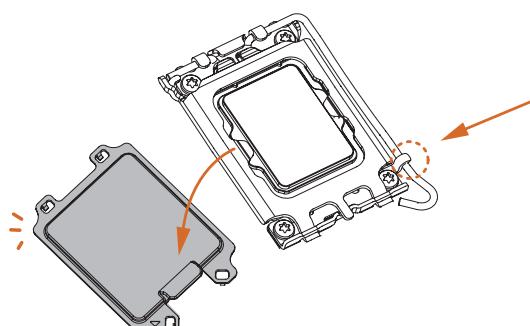
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⑥

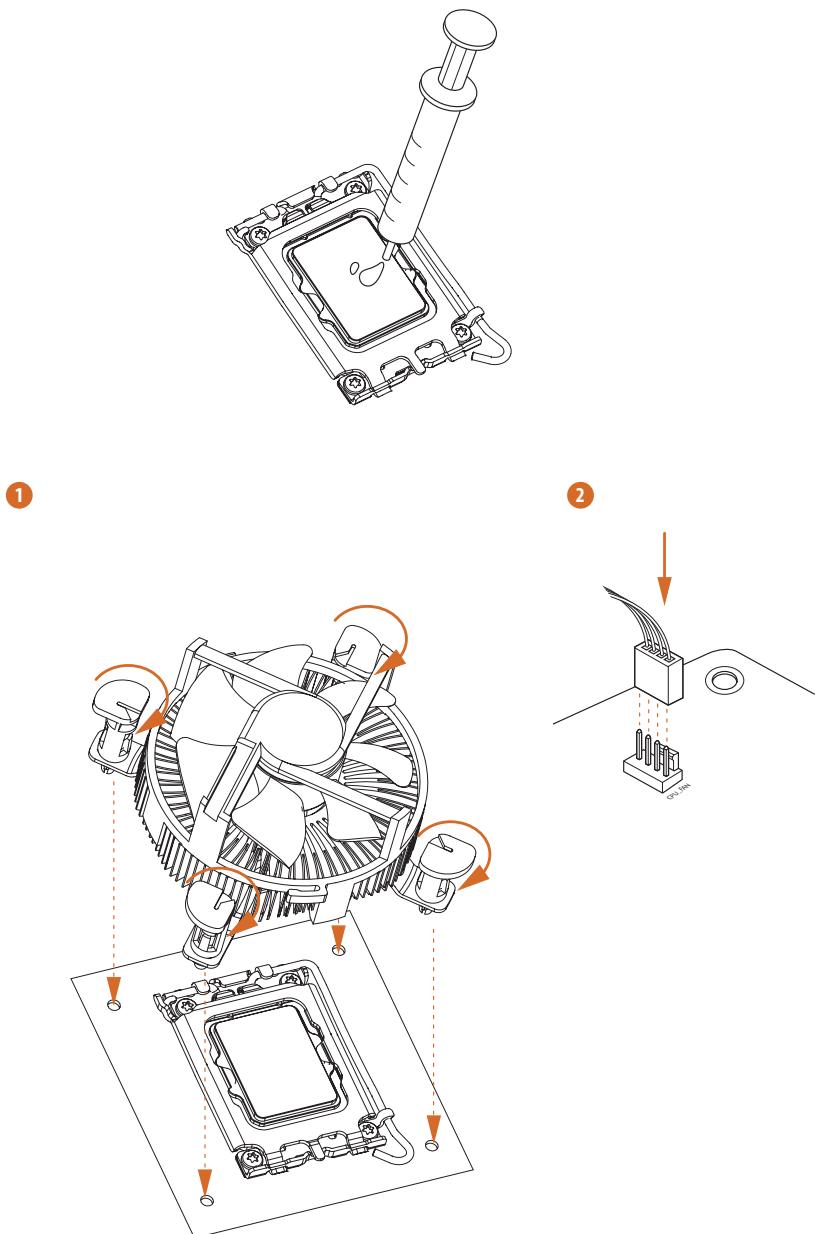


⑦



Please save and replace the cover if the processor is removed. The cover must be placed if you wish to return the motherboard for after service.

2.2 Installing the CPU Fan and Heatsink



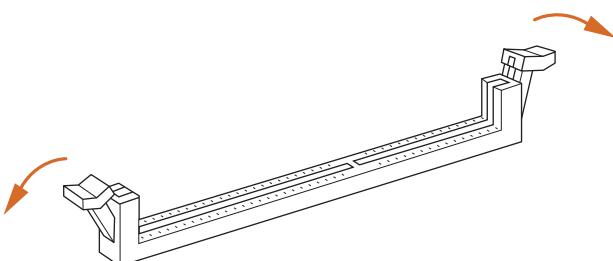
2.3 Installing Memory Modules (DIMM)

This motherboard provides two 288-pin DDR5 (Double Data Rate 5) DIMM slots, and supports Dual Channel Memory Technology.

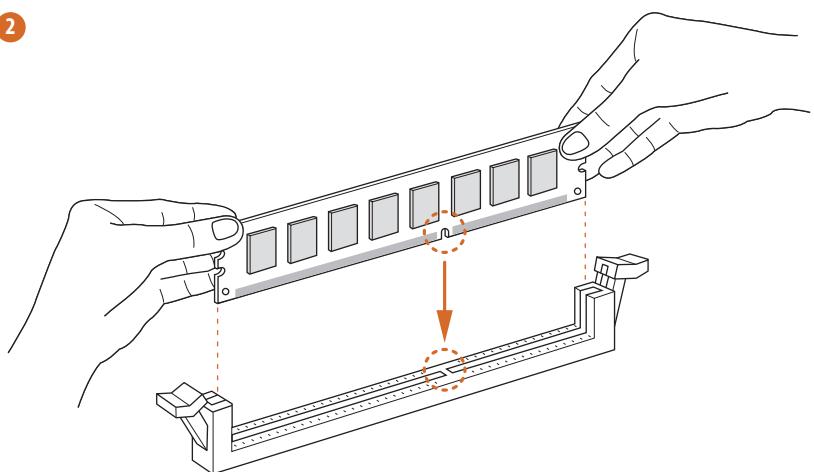


1. *For dual channel configuration, you always need to install identical (the same brand, speed, size and chip-type) DDR5 DIMM pairs.*
2. *It is unable to activate Dual Channel Memory Technology with only one memory module installed.*
3. *It is not allowed to install a DDR, DDR2, DDR3 or DDR4 memory module into a DDR5 slot; otherwise, this motherboard and DIMM may be damaged.*
4. *The DIMM only fits in one correct orientation. It will cause permanent damage to the motherboard and the DIMM if you force the DIMM into the slot at incorrect orientation.*

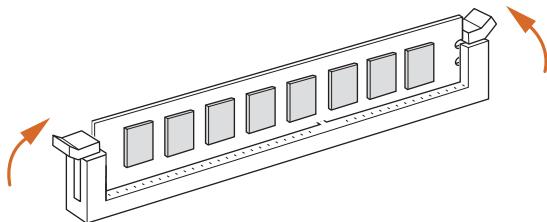
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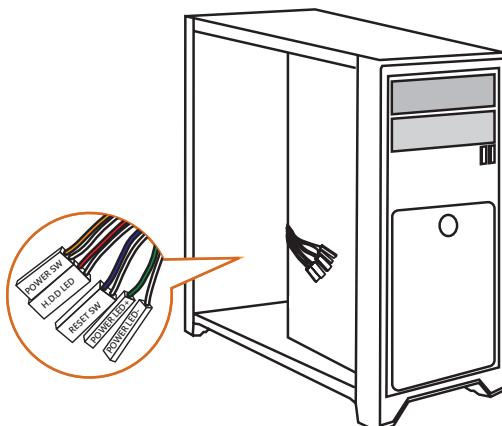


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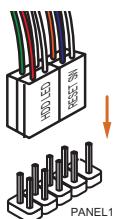


2.4 Connecting the Front Panel Header

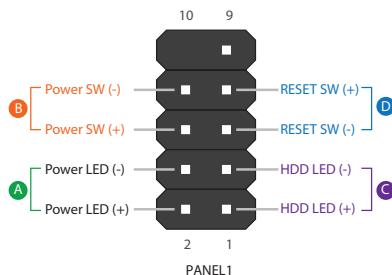
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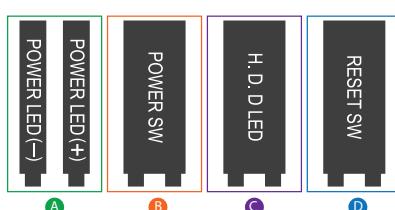
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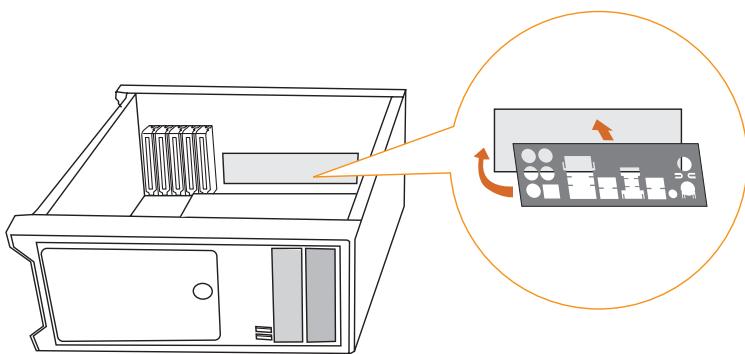
System Panel Header



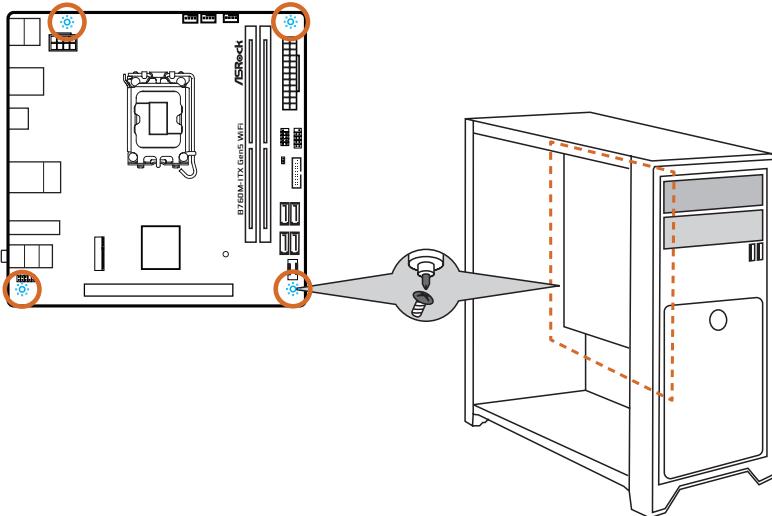
Front Panel Wires



2.5 Installing the I/O Panel Shield

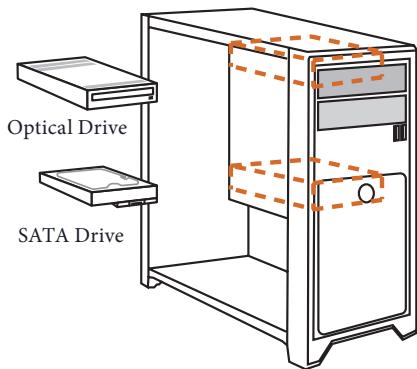


2.6 Installing the Motherboard

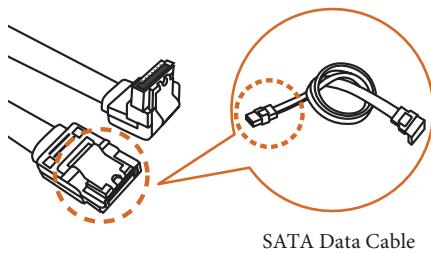


2.7 Installing SATA Drives

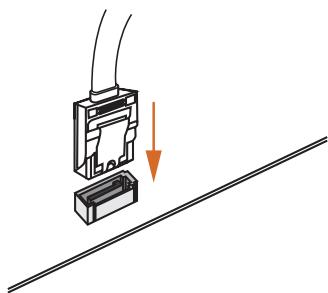
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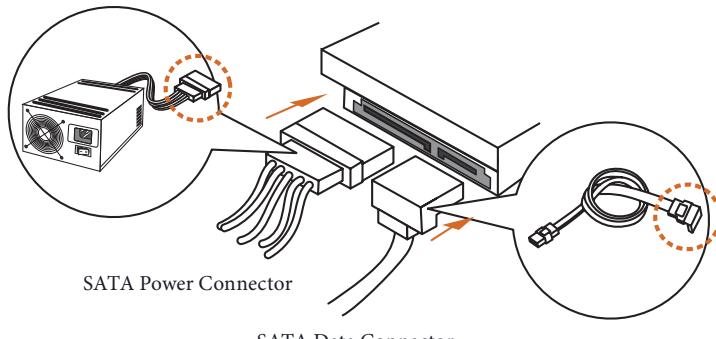
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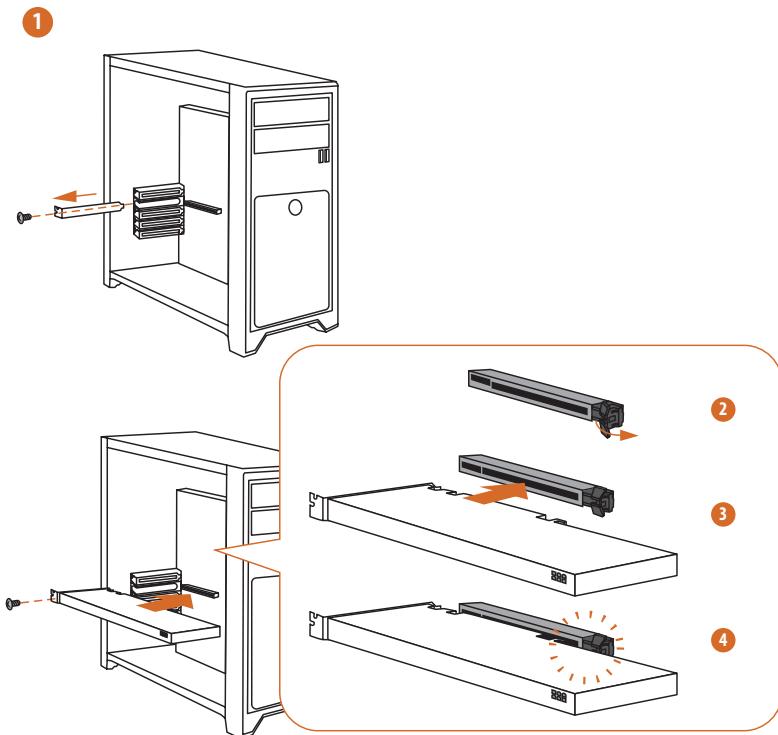
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4



2.8 Installing a Graphics Card



Expansion Slot (PCIe Slot)

There is 1 PCIe slot on the motherboard.

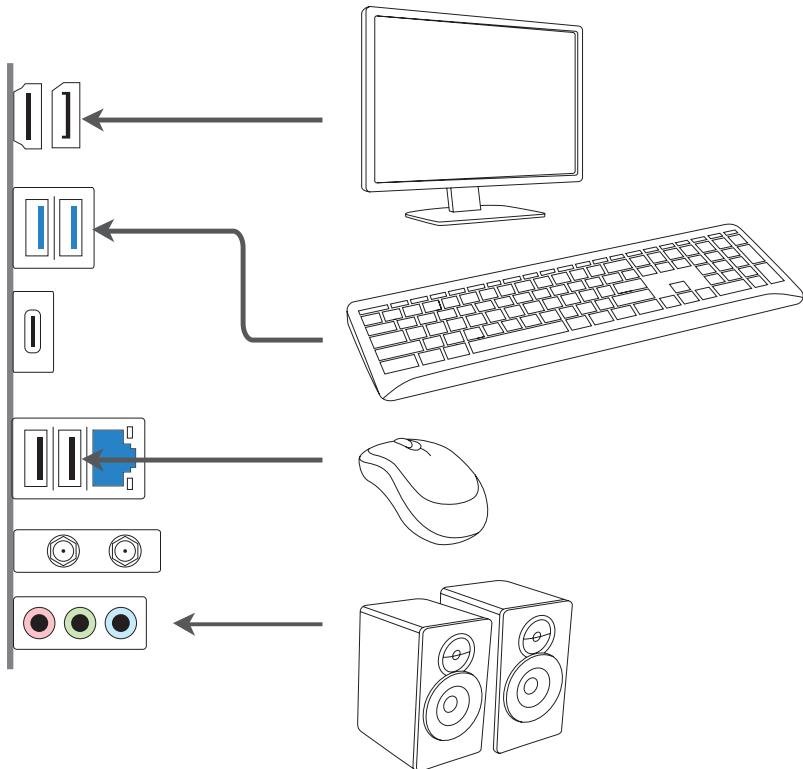


Before installing an expansion card, please make sure that the power supply is switched off or the power cord is unplugged. Please read the documentation of the expansion card and make necessary hardware settings for the card before you start the installation.

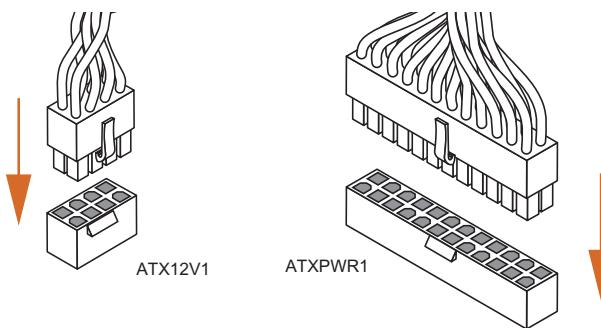
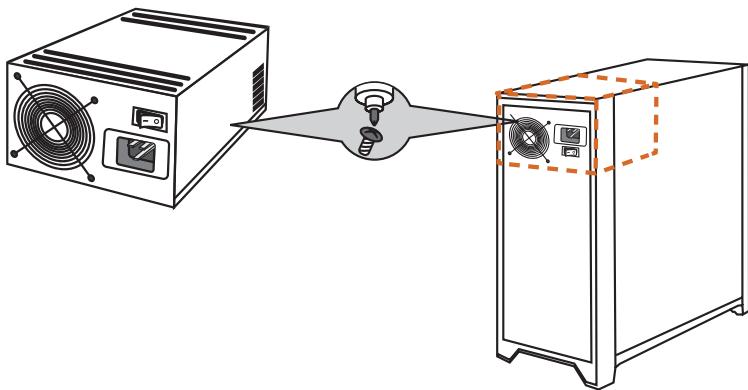
PCIe slot:

PCIE1 (PCIe 5.0 x16 slot) is used for PCIe x16 lane width graphics cards.

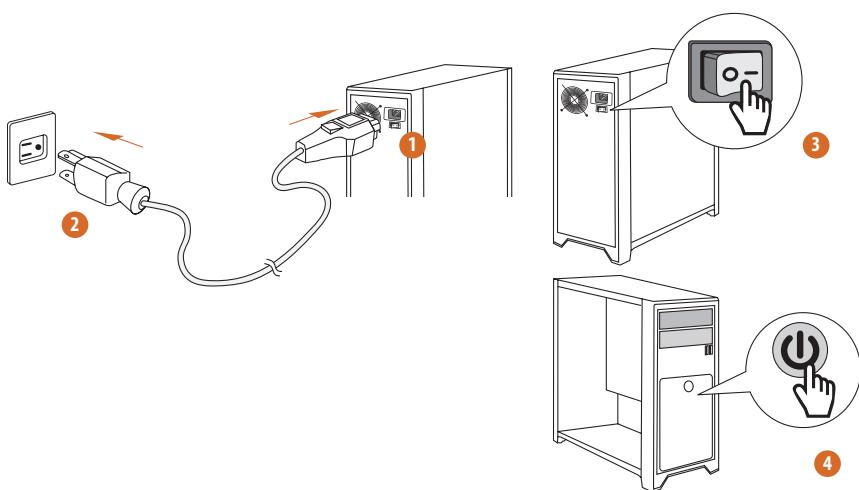
2.9 Connecting Peripheral Devices



2.10 Connecting the Power Connectors

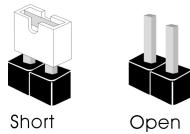


2.11 Power On



2.12 Jumpers Setup

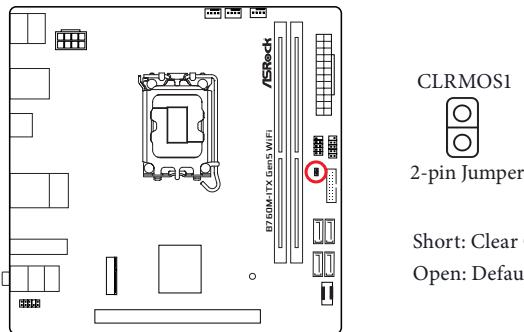
The illustration shows how jumpers are setup. When the jumper cap is placed on the pins, the jumper is “Short”. If no jumper cap is placed on the pins, the jumper is “Open”.



Clear CMOS Jumper

(CLRMOS1) (see p.6, No. 9)

CLRMOS1 allows you to clear the data in CMOS. The data in CMOS includes system setup information such as system password, date, time, and system setup parameters. To clear and reset the system parameters to default setup, please turn off the computer and unplug the power cord, then use a jumper cap to short the pins on CLRMOS1 for 3 seconds. Please remember to remove the jumper cap after clearing the CMOS. If you need to clear the CMOS when you just finish updating the BIOS, you must boot up the system first, and then shut it down before you do the clear-CMOS action.



2.13 Onboard Headers and Connectors

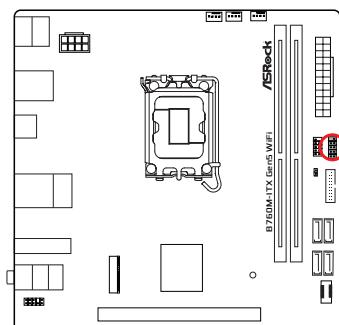


Onboard headers and connectors are NOT jumpers. Do NOT place jumper caps over these headers and connectors. Placing jumper caps over the headers and connectors will cause permanent damage to the motherboard.

System Panel Header

(9-pin PANEL1) (see p.6, No. 8)

Connect the power button, reset button and system status indicator on the chassis to this header according to the pin assignments below. Note the positive and negative pins before connecting the cables.



PANEL1	
GND	1
GND	2
PWRBTN#	3
PLED-	4
PLED+	5



PWRBTN (Power Button):

Connect to the power button on the chassis front panel. You may configure the way to turn off your system using the power button.

RESET (Reset Button):

Connect to the reset button on the chassis front panel. Press the reset button to restart the computer if the computer freezes and fails to perform a normal restart.

PLED (System Power LED):

Connect to the power status indicator on the chassis front panel. The LED is on when the system is operating. The LED keeps blinking when the system is in S1/S3 sleep state. The LED is off when the system is in S4 sleep state or powered off (S5).

HDLED (Hard Drive Activity LED):

Connect to the hard drive activity LED on the chassis front panel. The LED is on when the hard drive is reading or writing data.

The front panel design may differ by chassis. A front panel module mainly consists of power button, reset button, power LED, hard drive activity LED, speaker and etc. When connecting your chassis front panel module to this header, make sure the wire assignments and the pin assignments are matched correctly.

Serial ATA3 Connectors

Vertical:

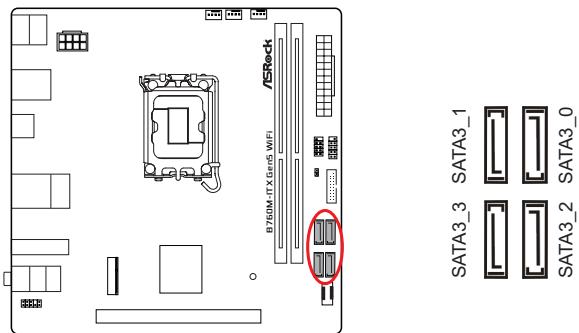
(SATA3_0) (see p.6, No. 12)

(SATA3_1) (see p.6, No. 11)

(SATA3_2) (see p.6, No. 14)

(SATA3_3) (see p.6, No. 13)

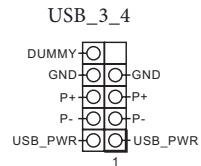
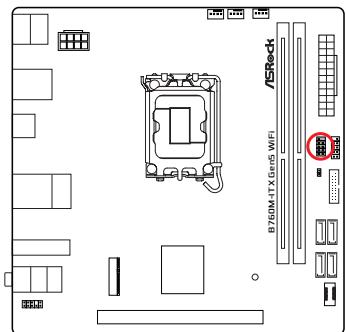
These four SATA3 connectors support SATA data cables for internal storage devices with up to 6.0 Gb/s data transfer rate.



USB 2.0 Header

(9-pin USB_3_4) (see p.6, No. 7)

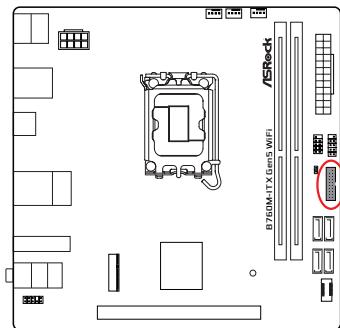
There is one USB 2.0 header on this motherboard. This USB 2.0 header can support two ports.



USB 3.2 Gen1 Header

(19-pin USB32_3_4) (see p.6, No. 10)

There is one USB 3.2 Gen1 header on this motherboard. This USB 3.2 Gen1 header can support two ports.



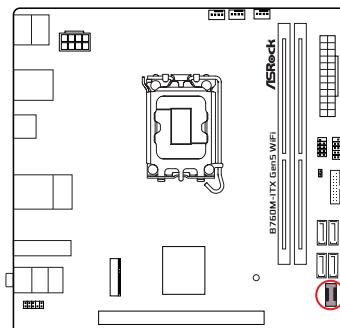
USB32_3_4

Vbus	1
IntA_PA_SSRX-	2
IntA_PA_SSRX+	3
GND	4
IntA_PA_SSTX-	5
IntA_PA_SSTX+	6
GND	7
IntA_PA_D-	8
IntA_PA_D+	9
IntA_PA_D+	10
Dummy	11

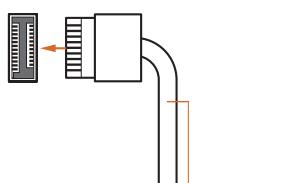
Front Panel Type C USB 3.2 Gen1 Header

(20-pin USB32_TC2) (see p.6, No. 15)

There is one Front Panel Type C USB 3.2 Gen1 Header on this motherboard. This header is used for connecting a USB 3.2 Gen1 module for additional USB 3.2 Gen1 ports.



USB32_TC2

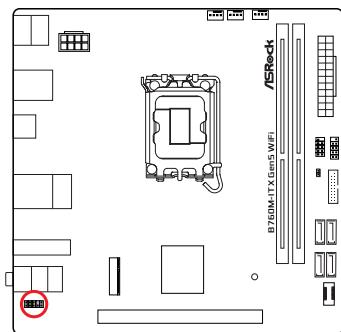


USB Type-C Cable

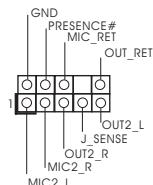
Front Panel Audio Header

(9-pin HD_AUDIO1) (see p.6, No. 16)

This header is for connecting audio devices to the front audio panel.



HD_AUDIO1

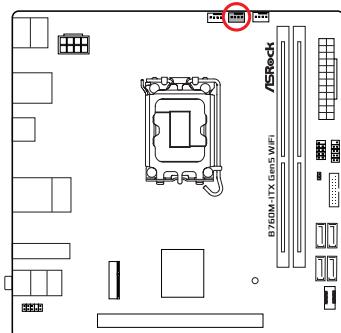


High Definition Audio supports Jack Sensing, but the panel wire on the chassis must support HDA to function correctly. Please follow the instructions in our manual and chassis manual to install your system.

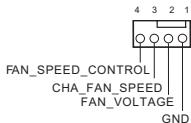
Chassis/Water Pump Fan Connector

(4-pin CHA_FAN1/WP) (see p.6, No. 3)

This header allows you to connect Case or Radiator fan. If you plan to connect a 3-pin fan, please connect it to Pin 1-3.



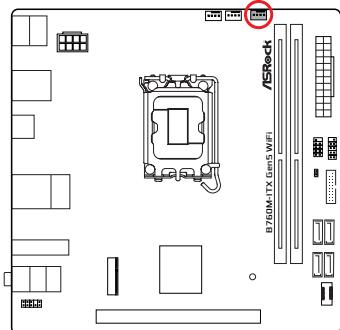
CHA_FAN1/WP



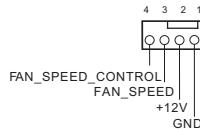
Chassis Fan Connector

(4-pin CHA_FAN2) (see p.6, No. 4)

This header allows you to connect Case fan. If you plan to connect a 3-pin fan, please connect it to Pin 1-3.



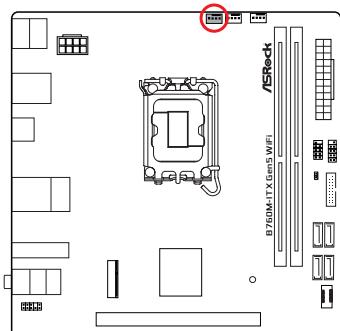
CHA_FAN2



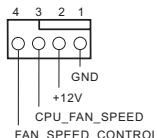
CPU Fan Connector

(4-pin CPU_FAN1) (see p.6, No. 2)

This header allows you to connect CPU fan. If you plan to connect a 3-pin fan, please connect it to Pin 1-3.



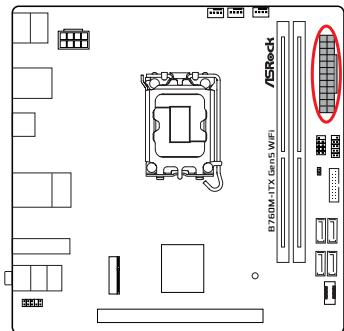
CPU_FAN1



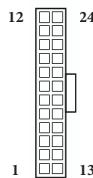
ATX Power Connector

(24-pin ATXPWR1) (see p.6, No. 6)

This motherboard provides a 24-pin ATX power connector. To use a 20-pin ATX power supply, please plug it along Pin 1 and Pin 13.



ATXPWR1

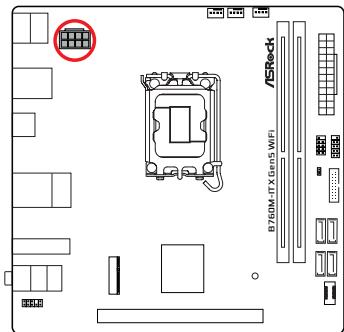


ATX 12V Power Connector

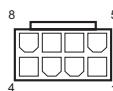
(8-pin ATX12V1) (see p.6, No. 1)

This motherboard provides a 8-pin ATX 12V power connector. To use a 4-pin ATX power supply, please plug it along Pin 1 and Pin 5.

*Warning: Please make sure that the power cable connected is for the CPU and not the graphics card. Do not plug the PCIe power cable to this connector.



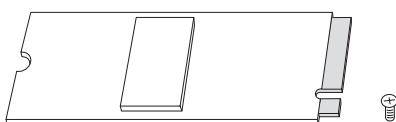
ATX12V1



2.14 M.2 SSD Module Installation Guide (M2_1 and M2_2)

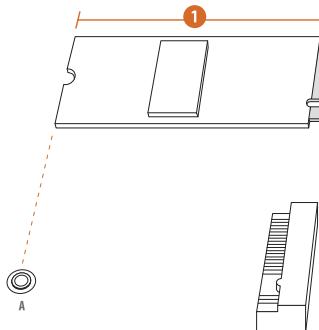
The M.2 is a small size and versatile card edge connector that aims to replace mPCIe and mSATA. The Hyper M.2 Sockets (M2_1 and M2_2, Key M) support type 2280 PCIe Gen4x4 (64 Gb/s) mode.

Installing the M.2 SSD Module



Step 1

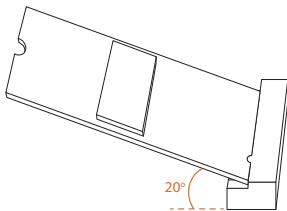
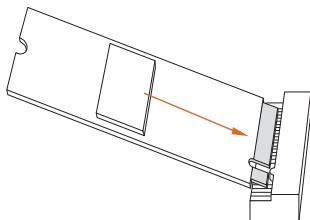
Prepare a M.2 SSD module and the screw.



Step 2

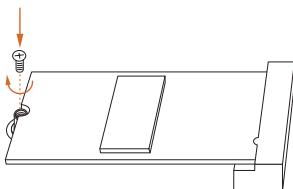
Depending on the PCB type and length of your M.2 SSD module, find the corresponding nut location to be used.

No.	1
Nut Location	A
PCB Length	8cm
Module Type	Type 2280



Step 4

Align and gently insert the M.2 SSD module into the M.2 slot. Please be aware that the M.2 SSD module only fits in one orientation.



Step 5

Tighten the screw with a screwdriver to secure the module into place. Please do not overtighten the screw as this might damage the module.

For the latest updates of M.2 SSD module support list, please visit our website for details:
<http://www.asrock.com>

Version 1.0

Published December 2025

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Licensee's specific rights may vary from country to country.

FCC Compliance Statement



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠️ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Battery type: CR2032
- Battery voltage: 3V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- This product contains an irreplaceable battery.
- This icon indicates that a swallowed button battery can cause serious injury or death. Please keep batteries out of sight or reach of children.

CALIFORNIA, USA ONLY

The Lithium battery adopted on this motherboard contains Perchlorate, a toxic substance controlled in Perchlorate Best Management Practices (BMP) regulations passed by the California Legislature. When you discard the Lithium battery in California, USA, please follow the related regulations in advance.

“Perchlorate Material-special handling may apply, see www.dtsc.ca.gov/hazardouswaste/perchlorate”

CALIFORNIA, USA ONLY



WARNING: Risk of cancer and reproductive harm from exposure to Lead.
See www.P65Warnings.ca.gov

CE Conformity



ASRock INC. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of related Directives. Full text of EU declaration of conformity is available at: <http://www.asrock.com>

ASRock follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASRock product is in line with global environmental regulations. In addition, ASRock disclose the relevant information based on regulation requirements.

Please refer to <https://www.asrock.com/general/about.asp?cat=Responsibility> for information disclosure based on regulation requirements ASRock is complied with.

UKCA Conformity



ASRock INC. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of related UKCA Directives. Full text of UKCA declaration of conformity is available at: <http://www.asrock.com>

Consumer Limited Warranty - Australia

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage caused by our goods. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. If you require assistance please call ASRock Tel : +886-2-28965588 ext.123 (Standard International call charges apply)

WARNING



THIS PRODUCT CONTAINS A BUTTON BATTERY

If swallowed, a button battery can cause serious injury or death.
Please keep batteries out of sight or reach of children.

Proper Disposal



DO NOT throw the motherboard in municipal waste. This product has been designed to enable proper reuse of parts and recycling. This symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

Class B ITE

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European Community Radio Equipment Directive Compliance Statement

This device complies with directive 2014/53/EU issued by the Commission of the European Community. This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Operations in the 5.15-5.35/6GHz band are restricted to indoor usage only.

	AT	BE	BG	CH	CY	CZ	DE
	DK	EE	EL	ES	FI	FR	HR
	HU	IE	IS	IT	LI	LT	LU
	LV	MT	NL	NO	PL	PT	RO
	SE	SI	SK	TR			



Radio Frequency Bands and Maximum Power Levels

- Features : Wi-Fi 6E, BT, Wi-Fi 7
- Frequency Range : 2.4 GHz: 2400-2485MHz; 5 GHz: 5150-5350MHz, 5470-5725MHz, 5725-5850MHz; 6 GHz: 5955-6415MHz
- Max Power Level : 2.4 GHz: 20dBm; 5 GHz: 23dBm; 6 GHz: 23dBm

Compliance Statement of Innovation, Science and Economic Development Canada (ISED)

This device complies with with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. CAN ICES-003(B)/NMB-003(B)

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經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

ASRock Incorporation

Contains Wi-Fi 6E module with Bluetooth

AZUREWAVE WiFi 6E AW-XB560NF

Model: RTL8852CE

FCC ID : TX2-RTL8852CE



R-NZ

IC:6317A-RTL8852CE



R 217-220558

D220558217



CCAF22Y10250T1

5.9~6.4GHz indoor use only

BSMI 限用物質及元素清單

單元	限用物質及其化學符號					
	鉛 (Pb)	鎘 (Cd)	汞 (Hg)	六價鉻 (Cr ⁺⁶)	多溴聯苯 (PBB)	多溴聯苯醚 (PBDE)
電路板	○	○	○	○	○	○
電子元件	-	○	○	○	○	○
線材	-	○	○	○	○	○
配件	-	○	○	○	○	○

備考 1. 「超出 0.1 wt %」及「超出 0.01 wt %」係指限用物質之百分比含量超出百分比含量基準值。

備考 2. 「○」係指該項限用物質之百分比含量未超出百分比含量基準值。

備考 3. 「-」係指該項限用物質為排除項目。

China RoHS

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依据中国发布的「电子电气产品中限用物质的限量要求」及 SJ/T 11364-2024《电器电子产品有害物质限制使用标识要求》，电子信息产品应进行标示，藉以向消费者揭露产品中含有 的有毒有害物质或元素不致发生外泄或突变从而对环境造成污染或对人身、财产造成 严重损害的期限。依上述规定，您可于本产品之印刷电路板上看见图一之标示。图一 中之数字为产品之环保使用期限。由此可知此主板之环保使用期限为 10 年。



图一

产品中有害物质的名称及含有信息表

部件名称	有害物质或元素									
	铅 (Pb)	镉 (Cd)	汞 (Hg)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯 醚 (PBDE)	邻苯二甲 酸二(2-乙 基)己酯 (DEHP)	邻苯二甲 酸丁基苯 酯 (BBP)	邻苯二甲 酸二正丁 酯 (DBP)	邻苯二甲 酸二异丁 酯 (DIBP)
印刷电路板 及电子组件	X	O	O	O	O	O	O	O	O	O
外部信号连 接头及线材	X	O	O	O	O	O	O	O	O	O

以上表格依据 SJ/T 11364-2024 的规定编制。

注 1: O: 表示该有害物质在该部件所有均质材料中的含量均满足电器电子产品有害物质限制使用国家标准要求。

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注 2: 以上未列出的部件，表明其有害物质含量均满足电器电子产品有害物质限制使用国家标准要求。

备注: 此产品所标示之环保使用年限，系指在一般正常使用状况下。