



**THE ULTIMATE FORCE**

# **SABERTOOTH Z170 MARK I**

## **ACCESSORY INSTALLATION GUIDE**

**ASUS**<sup>®</sup>  
IN SEARCH OF INCREDIBLE

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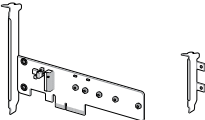

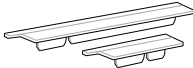



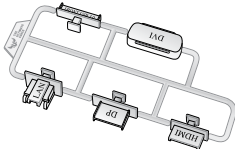






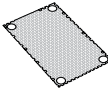
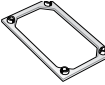

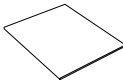

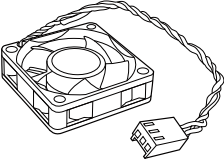
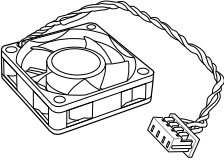
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# Package contents

Check your SABERTOOTH Z170 MARK 1 motherboard package for the following items:

 <p>1 x Hyper M.2 X4 Mini Card 1 x Low-profile bracket</p>  <p>2 x DIMM slot covers</p>  <p>3 x PCIe x16 slot covers 3 x PCIe x1 slot covers</p>  <p>4 x Long screws</p>  <p>2 x Short screws 2 x M.2 screws package</p>  <p>1 x Bead chain</p>	 <p>1 x Connector cap set (LAN cap, HDMI cap, DVI cap, DP cap, Front USB 3.0 cap)</p>  <p>7 x SATA connector caps</p>  <p>2 x SATA Express connector cap</p>	 <p>1 x USB Type C connector cover</p>  <p>2 x Onboard USB 2.0 connector caps</p>  <p>8 x Back I/O USB connector caps</p>  <p>5 x Audio connector caps</p>
<b>TUF Connector Dust Defenders package</b>		
	 <p>Dust Grid</p>  <p>Dust Frame</p>	 <p>Accessory installation guide (this document)</p>  <p>ASUS HYPER M.2 X4 MINI quick start guide</p>
<b>TUF Accessory package</b>	<b>Back I/O Dust Filter</b>	<b>Technical documentations</b>
		
<b>3 x Thermistor cables</b>	<b>1 x 35 mm Assistant fan</b>	<b>1 x 40 mm Assistant fan</b>



- If any of the above items is damaged or missing, contact your retailer.
- To support various models, your TUF Connector Dust Defenders package may include additional onboard connector caps and back I/O port caps.
- The illustrated items above are for reference only.

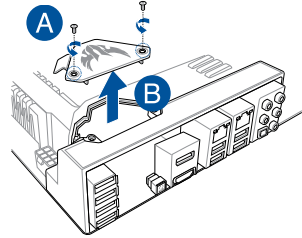
# Installing the assistant fans

The SABERTOOTH Z170 MARK 1 motherboard package comes with a 35 mm and a 40 mm assistant fans for additional cooling solution and better airflow.

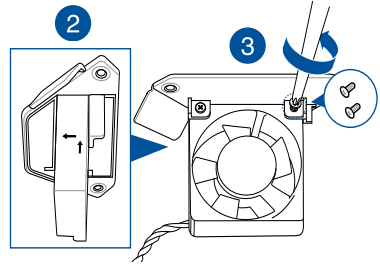
To install the 40 mm assistant fan:

1. Locate and remove the screw on the back I/O (A) then remove the back I/O fan cover lid (B).

Keep the screw for later use.



2. Get the bundled 40 mm assistant fan and position it to an orientation where its THE ULTIMATE FORCE logo is facing towards the back I/O shield.
3. Match the two (2) screw holes on the 40 mm assistant fan with the two (2) screw holes on the cover lid and secure it with the bundled set of two (2) screws.



4. Align and insert the cover lid and the assistant fan assembly into the Thermal Armor and secure it with the screw that you removed in step 1.

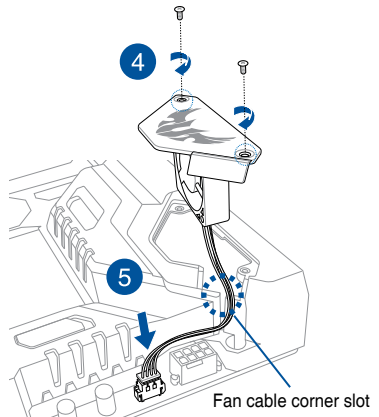


Ensure to tuck the fan cable inside the cable corner slot.

5. Connect the fan cable connector to the assistant fan (ASST\_FAN3) header on the motherboard.
6. Launch the Thermal Radar 2 utility on your computer to adjust the fan's behavior.



For more information about the Thermal Radar 2 utility, refer to your motherboard's user guide.

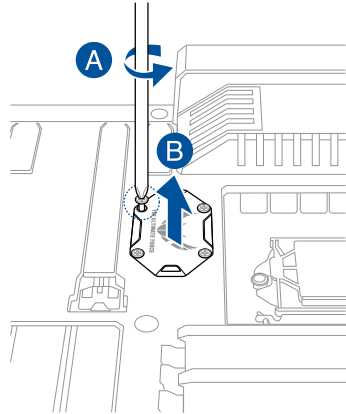


To install the 35 mm assistant fan on the cover hatch:

1. Locate and remove the screws from the cover hatch (A) then remove the lid from the Thermal Armor cover (B).



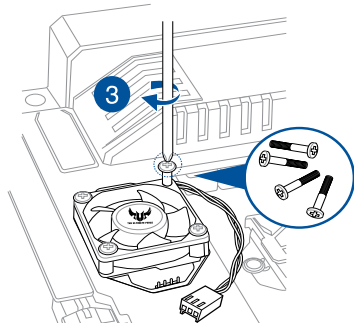
You can attach the bead chain to the Thermal Armor cover.



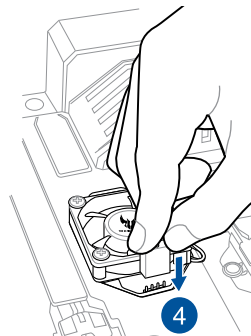
2. Get the 35 mm assistant fan and position it to an orientation where its THE ULTIMATE FORCE logo is facing up.
3. Match the four (4) screw holes on the assistant fan with the four (4) screw holes on the cover hatch and secure it with the bundled set of four (4) long screws for the 35 mm assistant fan.



The screwdriver is not included in the accessory package.



4. Connect the fan cable connector to the assistant fan (ASST\_FAN2) header on the motherboard.

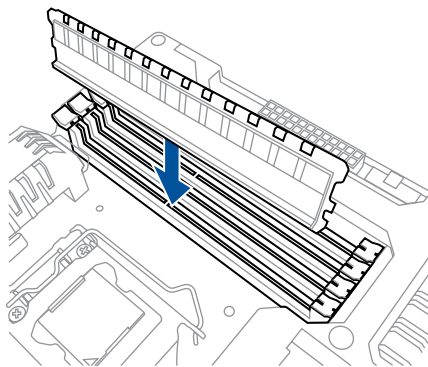


## Installing the Dust Defenders

The Dust Defenders are designed to prevent dust and small particles from building up in the motherboard's expansion and memory slots or connectors.

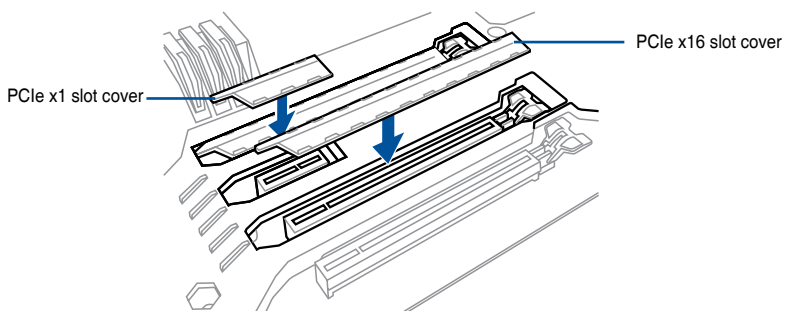
## Installing the DIMM slot covers

Install the DIMM slot covers into unused DIMM slots on your motherboard.



## Installing the PCIe x16 and PCIe x1 slot covers

Install the PCIe x16 or PCIe x1 slot covers into unused PCIe x16 or PCIe x1 slots on your motherboard.



## Installing the onboard connector caps

Install the onboard connector caps into unused SATA or Onboard USB 3.0/2.0 connectors on your motherboard.



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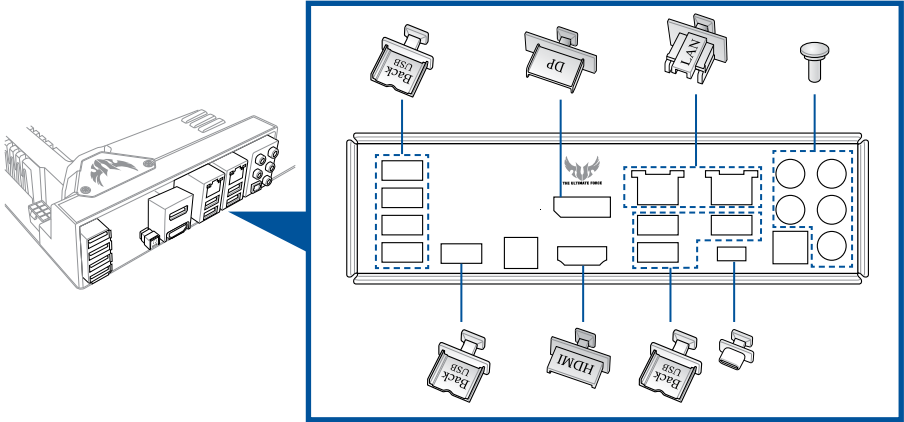
To support various models, your package may include additional onboard connector caps for your motherboard.

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## Installing the back I/O caps

The SABERTOOTH Z170 MARK 1 accessory package takes protection to the next level with the back I/O port caps.

Refer to the illustrated guide for the proper placement of back I/O caps:



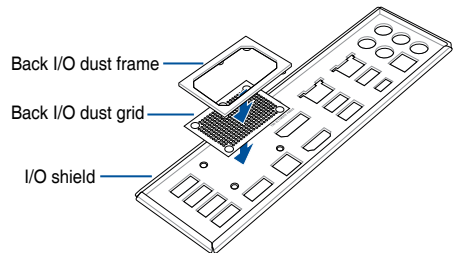
To support various models, your package may include additional back I/O port caps for your motherboard.

## Installing the back I/O dust filter

The back I/O dust filter helps reduce the intake of dust and small particles into the system

To install the back I/O dust filter:

1. Match and align four (4) holes of the back I/O dust grid and four (4) fasteners of the back I/O dust frame then attach the dust grid to the dust frame.
2. Match and align the four (4) fasteners of the back I/O dust frame and grid assembly to the four (4) circular holes on the back I/O fan vent of the I/O shield then push to fasten the back I/O dust grid into the I/O shield with the back I/O dust frame.

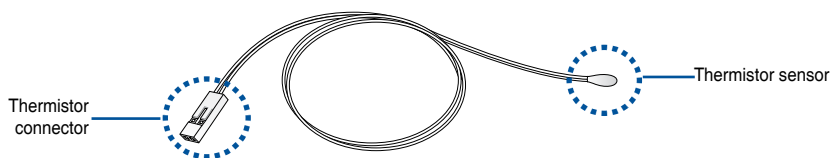


Clean your back I/O dust filter from time to time, especially when it is dirty, to ensure optimum airflow.



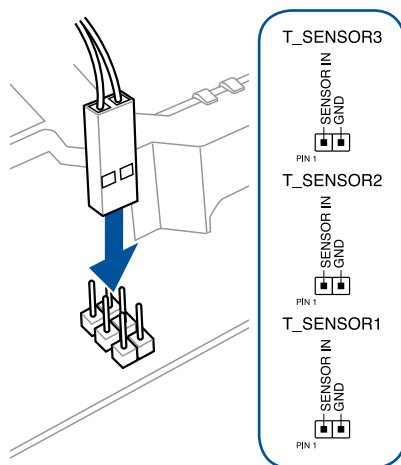
## Installing the Thermistor cable

The Thermistor cable works together with the Thermal Radar 2 utility to allow you to monitor the temperature of selected devices or critical components inside your motherboard.



To install the Thermistor cable:

1. Locate the thermal sensor headers labeled T\_SENSOR1, T\_SENSOR2, or T\_SENSOR3 on your motherboard then connect the thermistor cable connector to any of these headers.



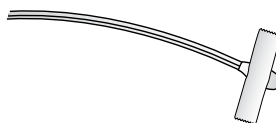
2. Put the thermistor sensor in contact with the surface of the component or part you want to monitor and secure it with an adhesive tape.



The adhesive tape is purchased separately.



The Thermistor sensor operating temperature ranges from 0°C – 80°C.



3. Launch the Thermal Radar 2 utility on your computer.

## Contact Information

### ASUSTeK COMPUTER INC.

Address 15 Li-Te Road, Peitou, Taipei, Taiwan 11259  
Telephone +886-2-2894-3447  
Fax +886-2-2890-7798  
E-mail [info@asus.com.tw](mailto:info@asus.com.tw)  
Web site <http://www.asus.com>

#### *Technical Support*

Telephone +86-21-3842-9911  
Fax +86-21-5866-8722, ext. 9101#  
Online support <https://www.asus.com/support/>

### ASUS COMPUTER INTERNATIONAL (America)

Address 800 Corporate Way, Fremont, CA 94539, USA  
Telephone +1-510-739-3777  
Fax +1-510-608-4555  
Web site <http://usa.asus.com>

#### *Technical Support*

Support fax +1-812-284-0883  
General support +1-812-282-2787  
Online support <https://www.asus.com/support/>

### ASUS COMPUTER GmbH (Germany and Austria)

Address Harkort Str. 21-23, 40880 Ratingen, Deutschland  
Fax +49-2102-959931  
Web site <http://www.asus.de>  
Online contact <http://eu-rma.asus.com/sales>

#### *Technical Support*

Telephone +49-2102-5789555  
Support Fax +49-2102-959911  
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