

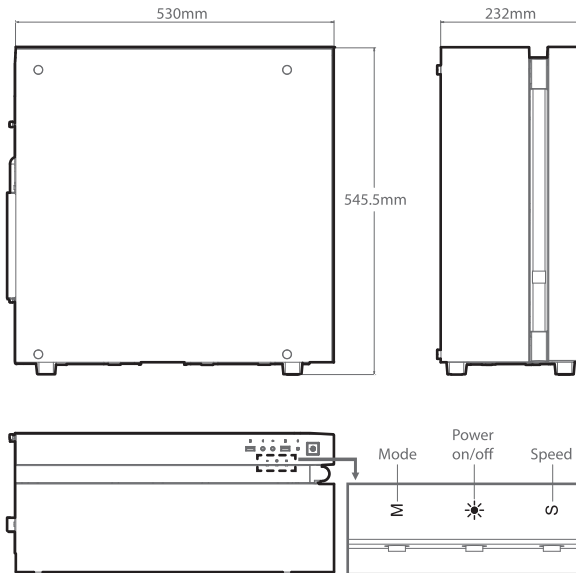


NEW ARK 90

USER GUIDE

www.gamerstorm.com

1. Specifications



Specifications

Size	530×232×545.5mm(L×W×H)
Case type	Middle Tower
Material	ABS, steel and tempered glass
MB Compatibility	ATX、M-ATX、Mini-ITX
I/O Panel	USB3.0×2/RGB Manual Controller/ Audio (HD)×1/Mic×1

Expansion Slots & HDD Brackets

Expansion Slots	8+2
2.5" Bracket	3+3
3.5" Bracket	3

Cooling Fans Support

Front	120mm×3
Rear	120mm×1/140mm×1 (installed)
Top	120mm×3
Side	120mm×3/140mm×3 (140mm Fan×3 installed)

Liquid Cooler Support

Front	120/240mm×1 or 360mm×1 (Remove HDD cage)
Rear	120mm×1/140mm×1
Top	120/240/360mm×1
Side Radiator	120/140/240/280/360/420mm×1 (280 radiator installed)

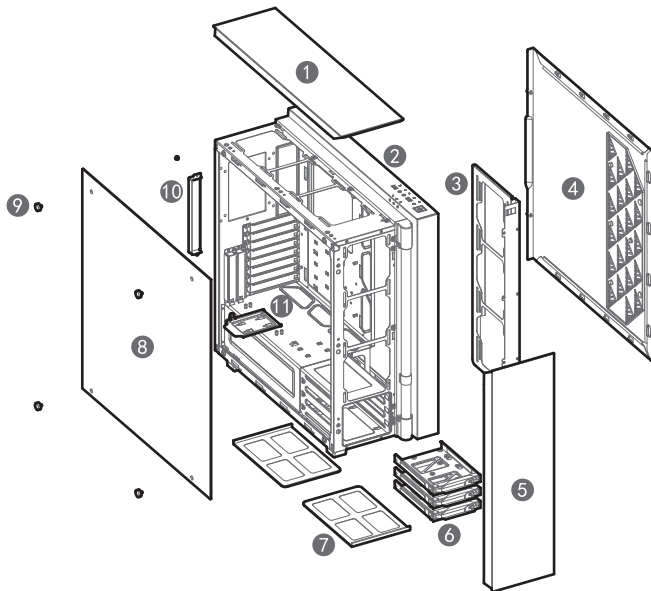
Clearance

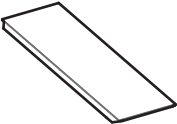
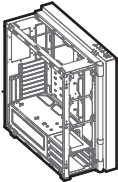
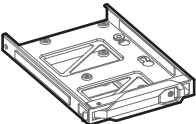
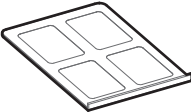
Graphic Card	310mm (Horizontal mounting)/ 400mm (Vertical mounting)
CPU Cooler	188mm
Cable Management	25mm
PSU Length	220mm

CONTENTS

Specifications.	01
List of Components.	03
Mounting Positions for MB.	05
Cooling Compatibility.	06
Installation.	08
Installation of MB & PSU.	09
Installation of Graphic Card.	11
Installation of 2.5" SSD.	13
Installation of 3.5" HDD.	13
Installation of power cables.	14
Parts List for Installing Liquid Cooler.	15
INTEL LGA1366/LGA115X Installation.	16
INTEL LGA20XX Installation.	18
AMD Installation.	19
INTEL/AMD.	22

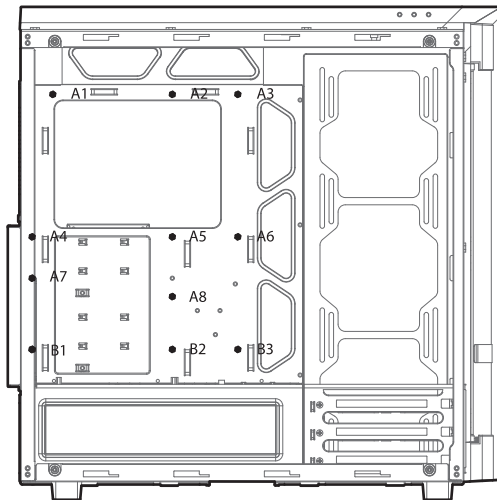
2. List of Components



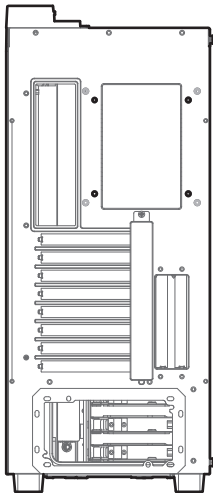
 ① Top panel 1pc	 ② Main body 1pc	 ③ Bracket for radiator 1pc	 ④ Side Panel 1pc
 ⑤ Front panel 1pc	 ⑥ 3.5" HDD bracket 3pcs	 ⑦ Dust-filter at bottom 2pcs	 ⑧ Tempered glass 1pc
 ⑨ Thumb screw 4pcs	 ⑩ Plate removable 1pc	 ⑪ 2.5" SSD bracket 3pcs	 ⑫ Spare parts 1pc

3. Mounting Positions for MB

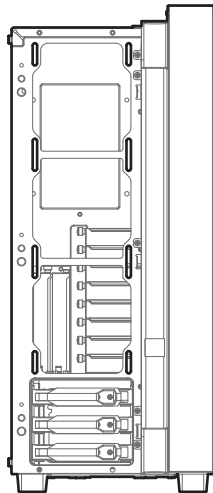
1. Mini-ITX: A1、A2、A4、A5
2. M-ATX: A1-A8
3. ATX: A1-A6、B1-B3



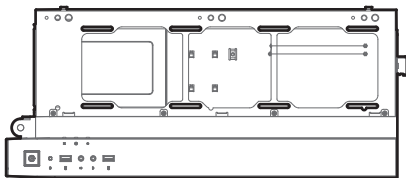
4. Cooling Compatibility



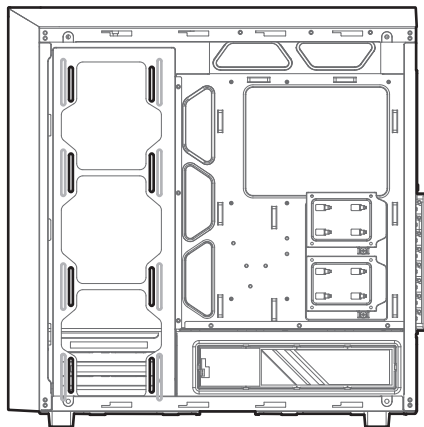
Rear:
Supports 120mm fan×1 or 140mm fan×1 or
120/140mm Radiator



Front:
Supports 120mm fan×3 or 120/240mm Radiator or
360mm Radiator(Remove HDD cage)

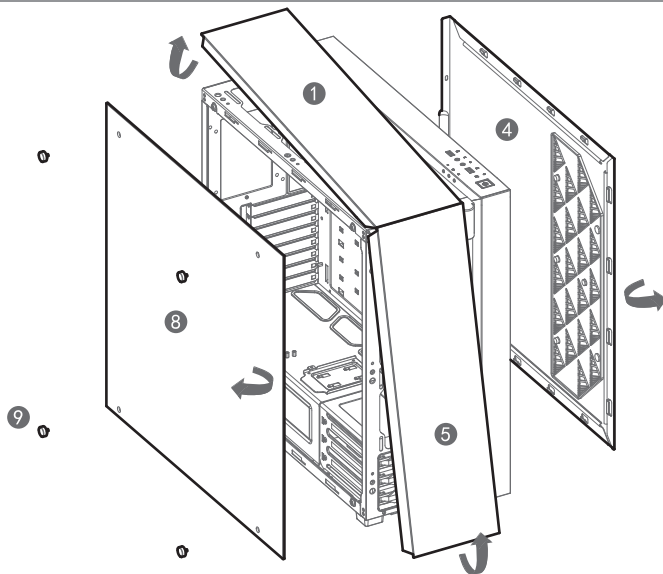


Top:
Supports 120mm fanx3 or 120/240/360mm Radiator



Side :
Supports 120/140mm fanx3 or 120/140/240/280/360/420
Radiator(280 radiator installed)

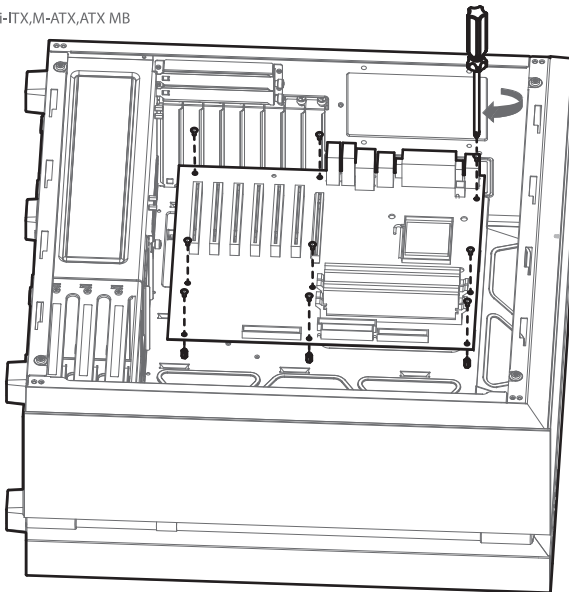
5. Installation



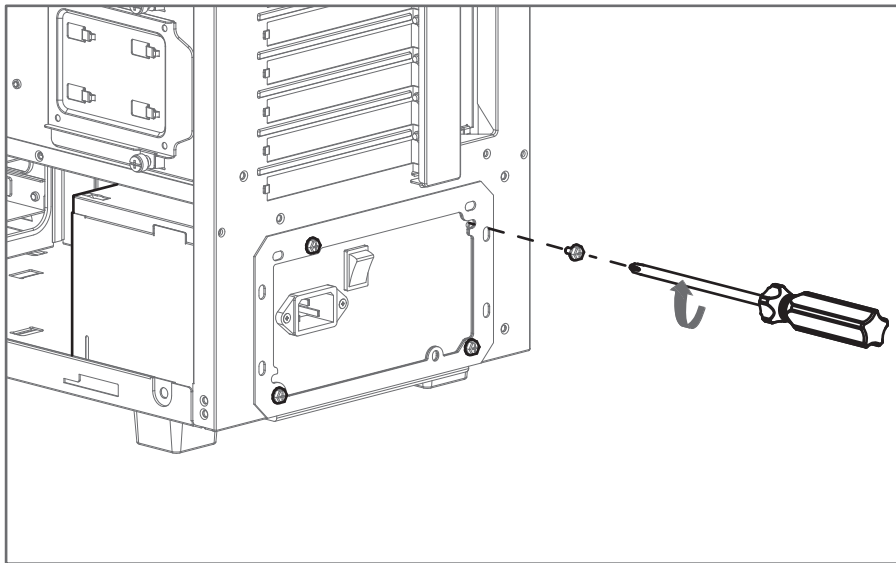
Remove 1 4 5 8 first before installing components

6. Installation of MB & PSU

(1) Installation of Mini-ITX,M-ATX,ATX MB

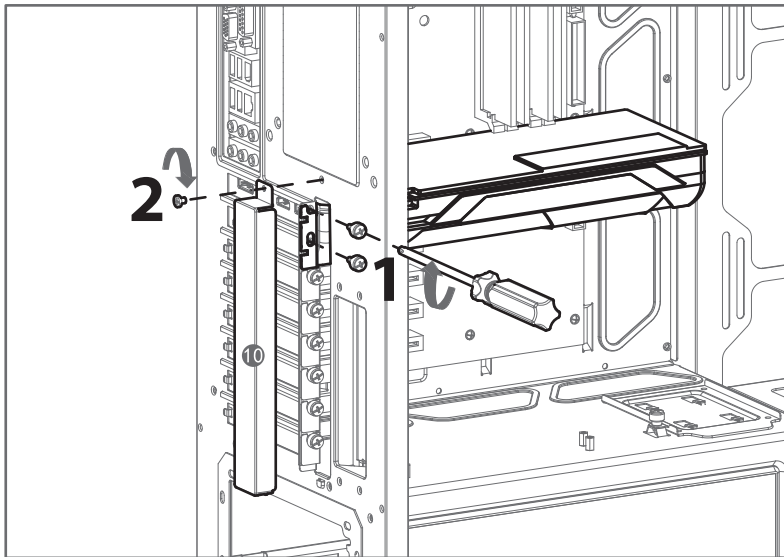


(2) Installation of PSU

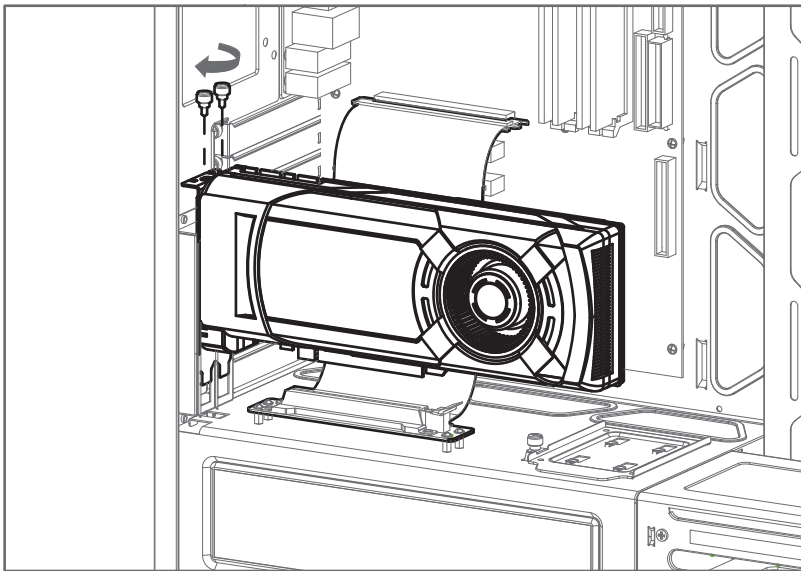


7. Installation of Graphic Card

(1) Installation method 1 (Horizontal mounting)

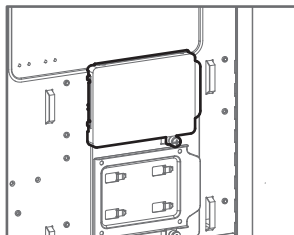
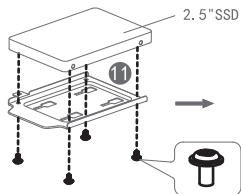


(2) Installation method 2 (Vertical mounting)

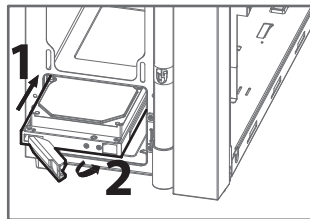
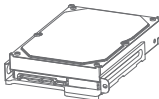
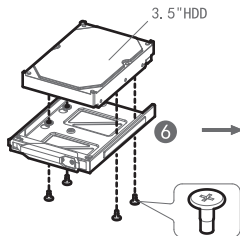


⚠ Attention: This PCI-E Graphic Card Extension cable is optional, you need to buy it separately. The model# of this cable is: PEC 300

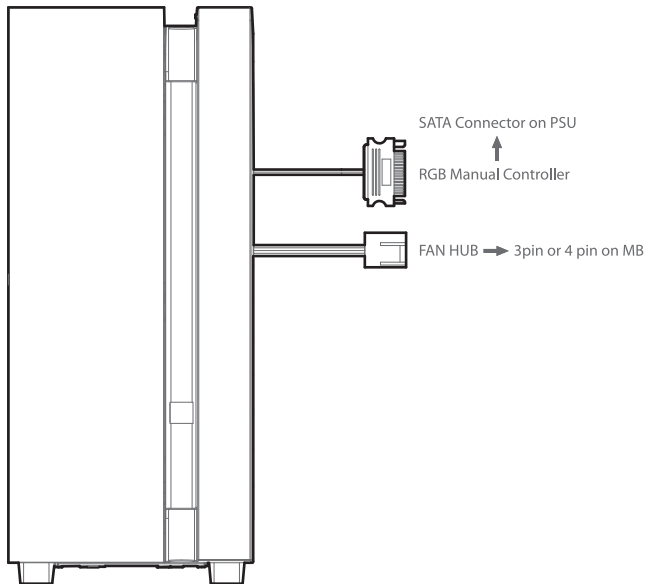
8. Installation of 2.5" SSD



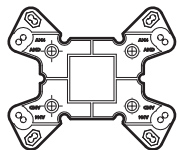
9. Installation of 3.5" HDD



10. Installation of power cables

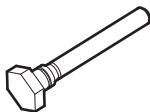


11. Parts List for Installing Liquid Cooler



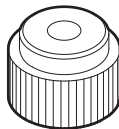
13 Back Plate

1pc



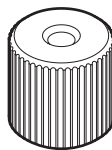
14 Screw Bolt

4pcs



15 Nut A

4pcs



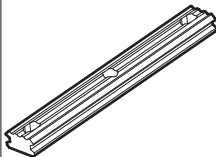
16 Nut B

4pcs

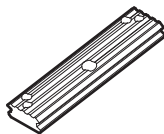


17 Doubal-screw Bolt

4pcs



18 Mounting Bracket(Intel) 2pcs



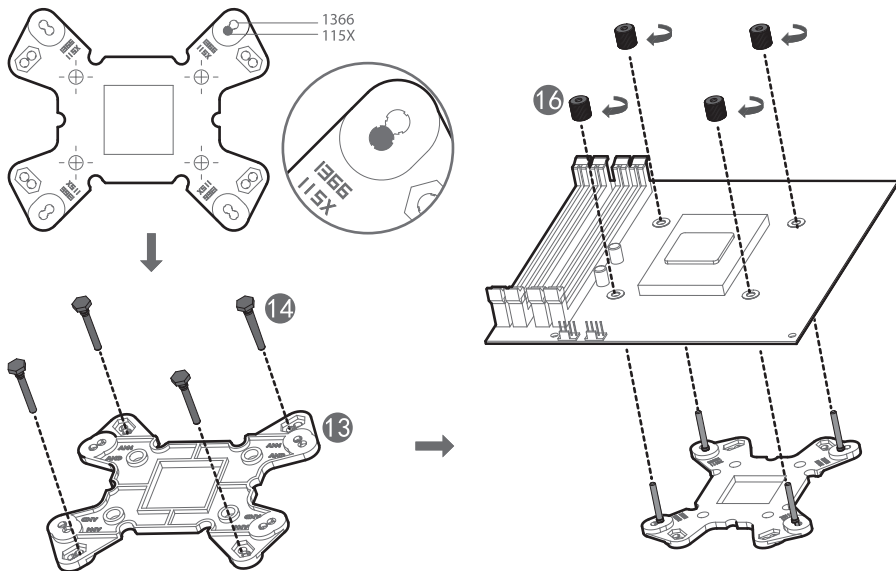
19 Mounting Bracket(AMD) 2pcs

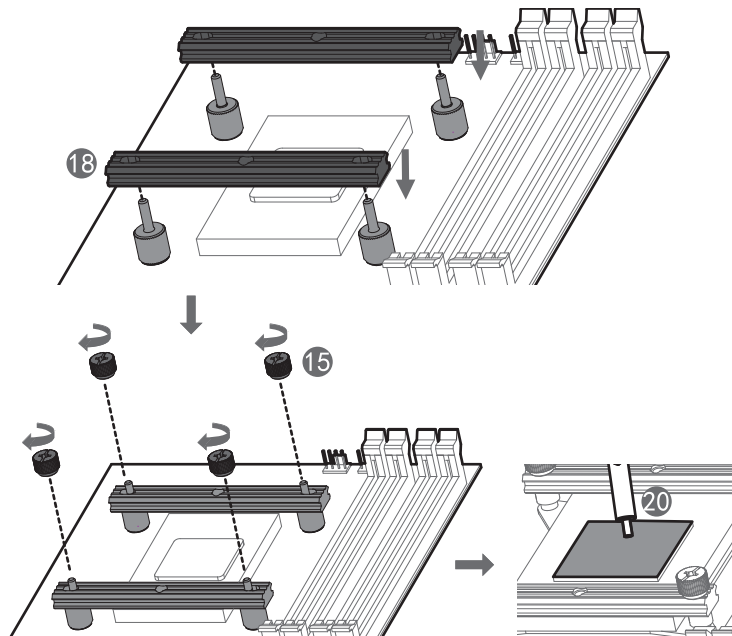


20 Thermal Grease

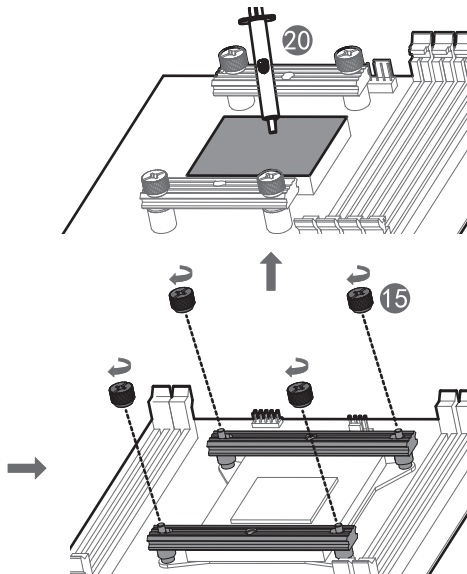
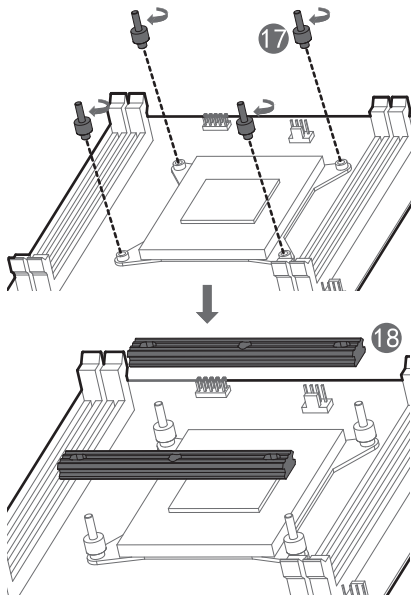
1pc

12.1. INTEL LGA1366/LGA115X Installation

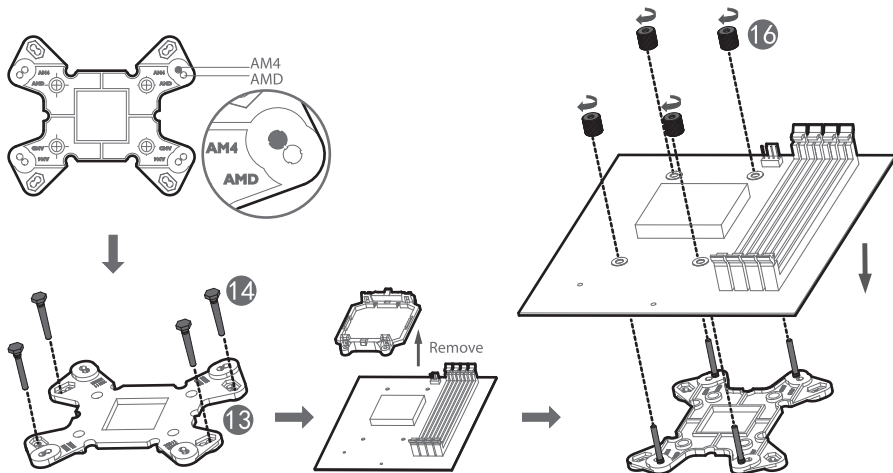


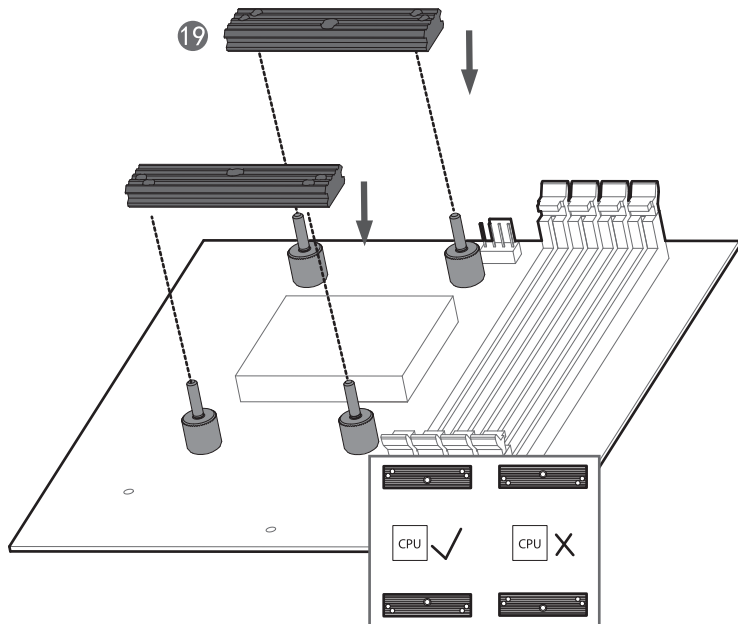


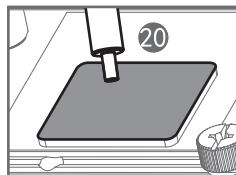
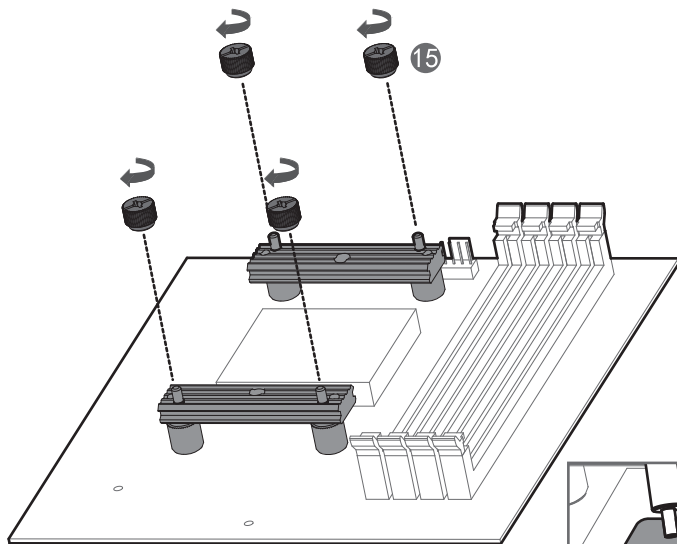
12.2. INTEL LGA20XX Installation

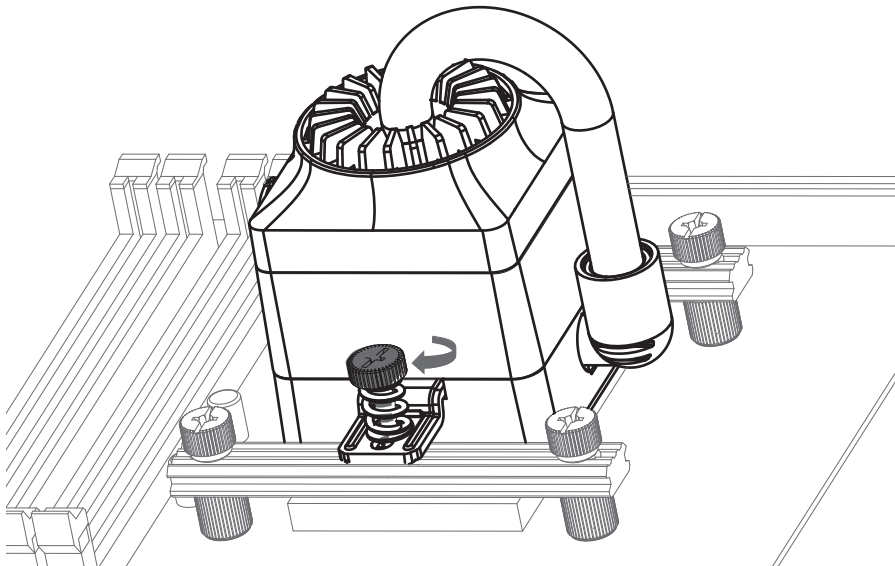


12.3. AMD Installation









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