



P/N: 15G065292002AK V1.1

Quick Installation Guide

AM5D4ID-2T/BCM | AM5D4ID-2L+/BCM



AM5D4ID-2T/BCM



AM5D4ID-2L+/BCM

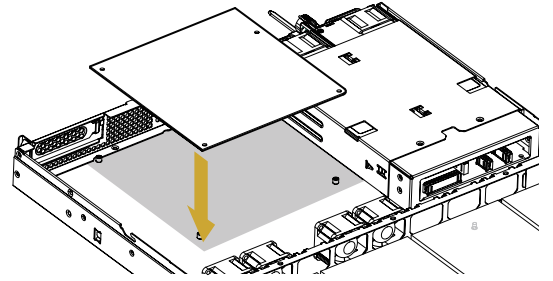
The server board User's Manual is available for download from the ASRock Rack's official website at <http://www.asrockrack.com>.

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

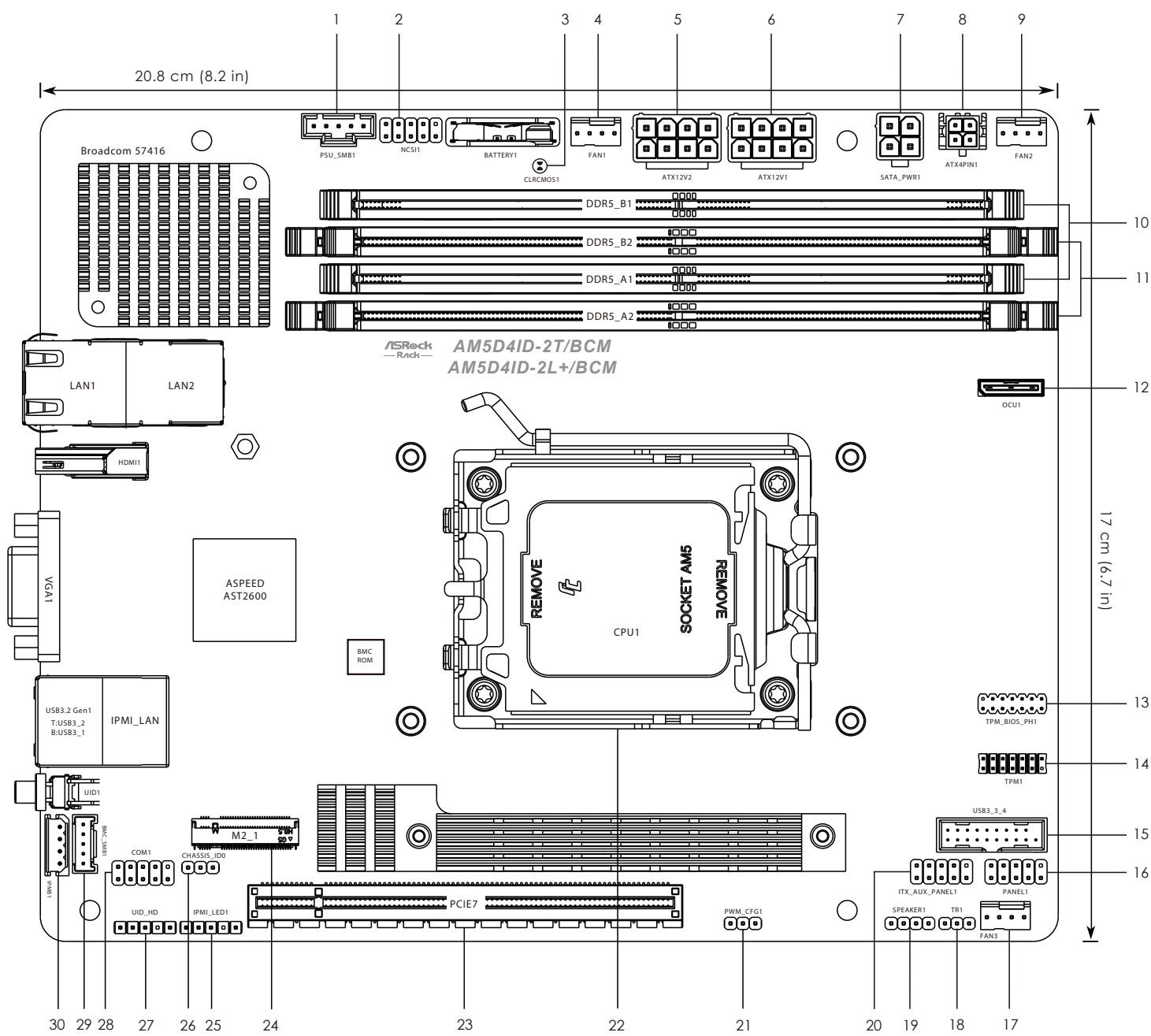
1. Unplug the power cord from the wall socket before touching any components.
2. To avoid damaging the server board's components due to static electricity, NEVER place your server board directly on the carpet or the like. Also remember to use a grounded wrist strap or touch a safety grounded object before you handle the components.
3. Hold components by the edges and do not touch the ICs.
4. Whenever you uninstall any component, place it on a grounded anti-static pad or in the bag that comes with the component.
5. When placing screws into the screw holes to secure the server board to the chassis, please do not over-tighten the screws! Doing so may damage the server board.

1 Install the Server Board

- 1 Insert the server board into the chassis.
- 2 Affix the screws clockwise into the mounting holes in all of the corners of the server board.
Do not over-tighten the screws



2 Motherboard Layout

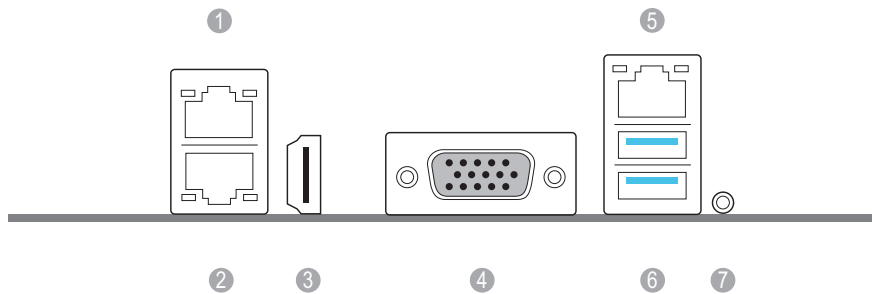


No.	Description
1	PSU SMBus Header (PSU_SMB1)
2	NSCI Header (NSCI1)
3	Clear CMOS Pad (CLRCMOS1)
4	System Fan Connector (FAN1)
5	ATX 12V Power Connector (ATX12V1)
6	ATX 12V Power Connector (ATX12V2)
7	HDD Power Connector (SATA_PWR1)
8	ATX 4-PIN Power Connector (ATX4PIN1)
9	System Fan Connector (FAN2)
10	2 x 288-pin DDR5 DIMM Slots (DDR5_A1, DDR5_B1)
11	2 x 288-pin DDR5 DIMM Slots (DDR5_A2, DDR5_B2)
12	OCuLink x4 Connector (OCU1)
13	SPI TPM Header (TPM_BIOS_PH1)
14	80 Debug Port Header (TPM1)
15	USB 3.2 Gen1 Header (USB3_3_4)
16	System Panel Header (PANEL1)
17	System Fan Connector (FAN3)
18	Thermal Sensor Header (TR1)
19	Speaker Header (SPEAKER1)
20	Auxiliary Panel Header (ITX_AUX_PANEL1)
21	PWM Configuration Header (PWM_CFG1)
22	AMD Socket AM5 (LGA 1718) (CPU1)
23	PCI Express 5.0 x16 Card Slot (PCIE7)
24	M.2 Socket (M2_1) (Type 2280)
25	IPMI LAN LED Header (IPMI_LED1)
26	Chassis ID Jumper (CHASSIS_ID0)
27	UID Button Header (UID_HD)
28	Serial Port Header (COM1)
29	Baseboard Management Controller SMBus Header (BMC_SMB1)
30	Intelligent Platform Management Bus Header (IPMB1)



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3 I/O Panel



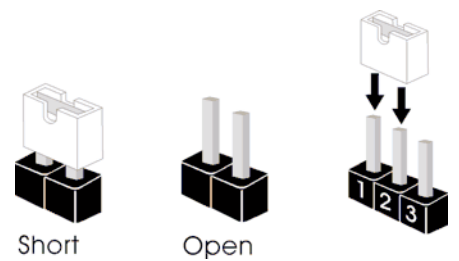
AM5D4ID-2T/BCM

No.	Description	No.	Description
1	10G LAN RJ-45 Port (LAN2)	5	LAN RJ-45 Port (IPMI_LAN1)
2	10G LAN RJ-45 Port (LAN1)	6	USB 3.2 Gen1 Ports (USB3_1_2)
3	HDMI Port (HDMI1)	7	UID Switch (UID1)
4	VGA Port (VGA1)		

AM5D4ID-2L+/BCM

No.	Description	No.	Description
1	1G LAN RJ-45 Port (LAN2)	5	LAN RJ-45 Port (IPMI_LAN1)
2	1G LAN RJ-45 Port (LAN1)	6	USB 3.2 Gen1 Ports (USB3_1_2)
3	HDMI Port (HDMI1)	7	UID Switch (UID1)
4	VGA Port (VGA1)		

4 Jumper Cap On/Off

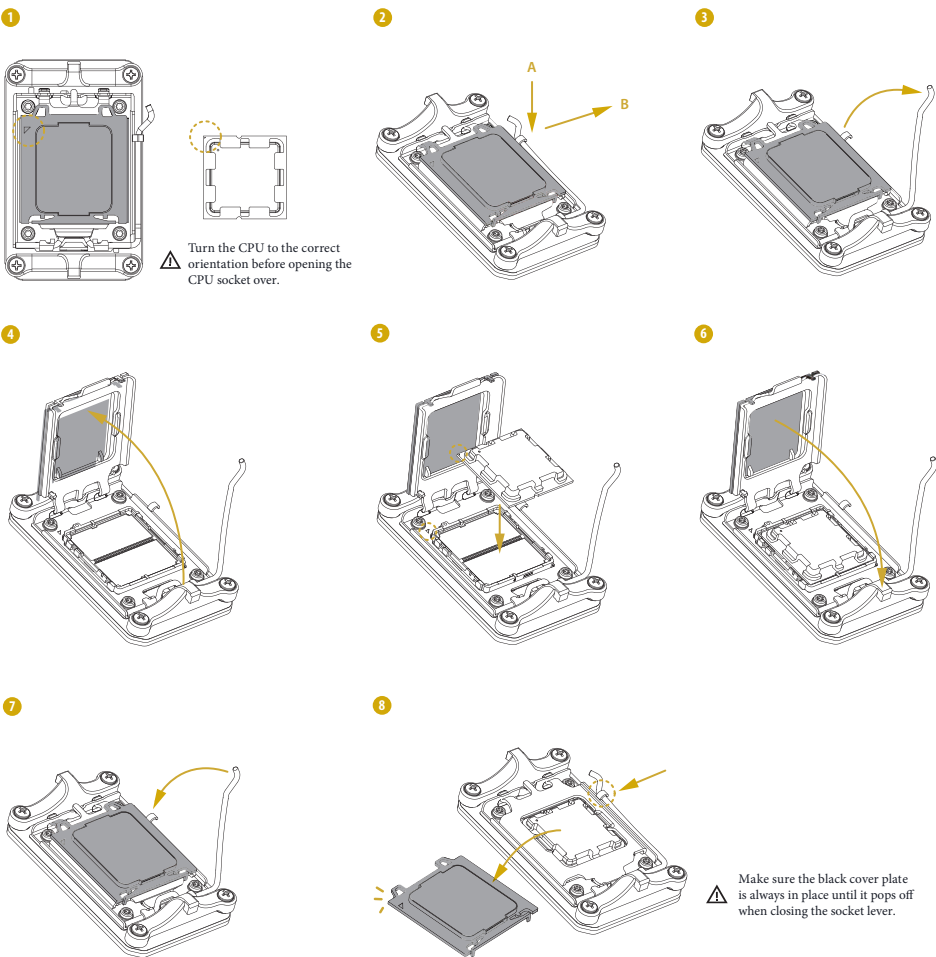


When the jumper cap is placed on the pins, the jumper is "Short". If no jumper cap is placed on the pins, the jumper is "Open".

The illustration shows a 3-pin jumper whose pin1 and pin2 are "Short" when a jumper cap is placed on these 2 pins.



5 Install the Processor



We recommend using the CPU Installation tool to avoid CPU pin-bent problem.

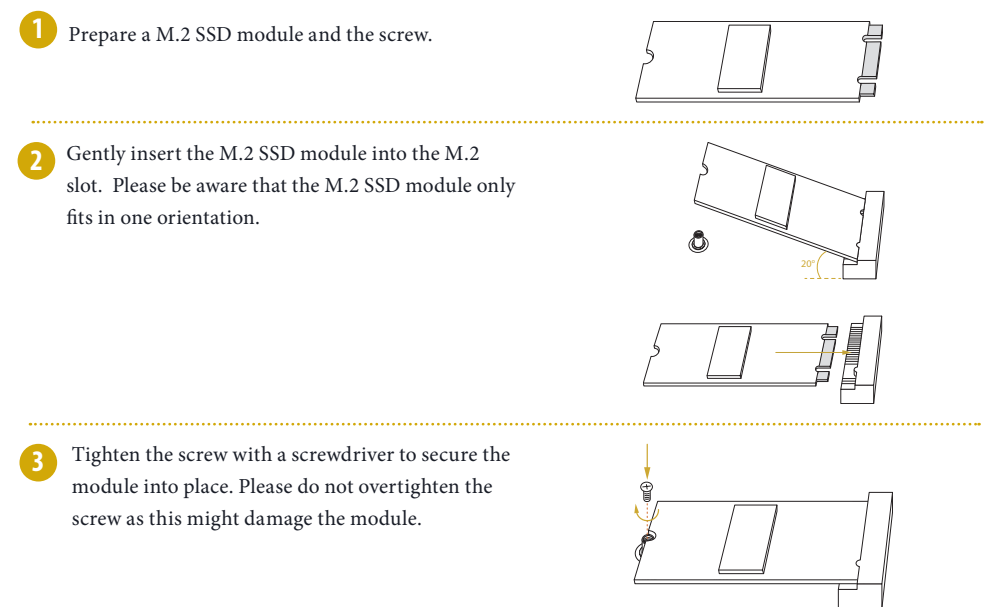
8 LAN Port LED Indications

10G LAN Port 	Activity / Link LED		Speed LED	
	Status	Description	Status	Description
	Off	No Link	Off	No connection
	Blinking Yellow	Data Activity	Orange	10M/100M/1Gbps connections
	On	Link	Green	10Gbps connection
				(AM5D4ID-2T/BCM only)

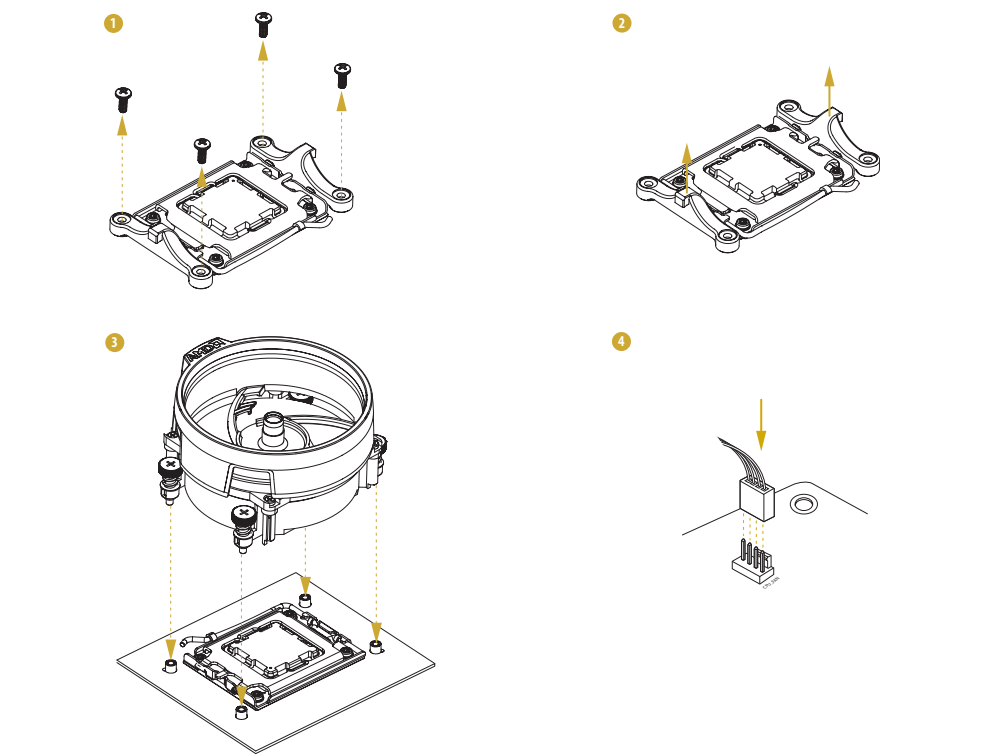
1G LAN Port 	Activity / Link LED		Speed LED	
	Status	Description	Status	Description
	Off	No Link	Off	10Mbps connection or no link
	Blinking Orange	Data Activity	Orange	100Mbps connection
	On	Link	Green	1Gbps connection
				(AM5D4ID-2L+/BCM only)

IPMI LAN Port 	Activity / Link LED		Speed LED	
	Status	Description	Status	Description
	Off	No Link	Off	10M bps connection or no link
	Blinking Yellow	Data Activity	Orange	100M bps connection
	On	Link	Green	1Gbps connection

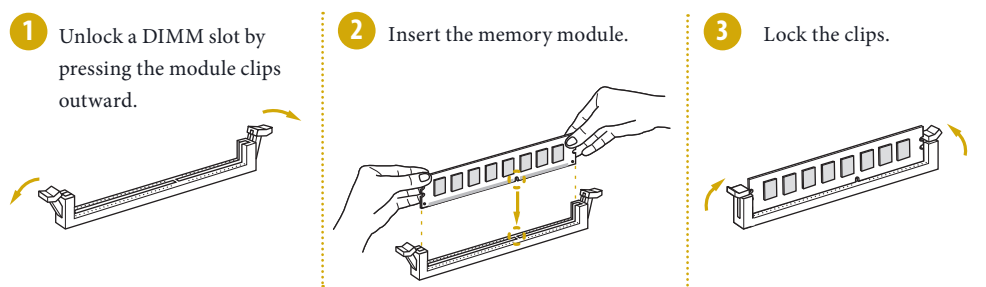
10 M.2 SSD Module Installation



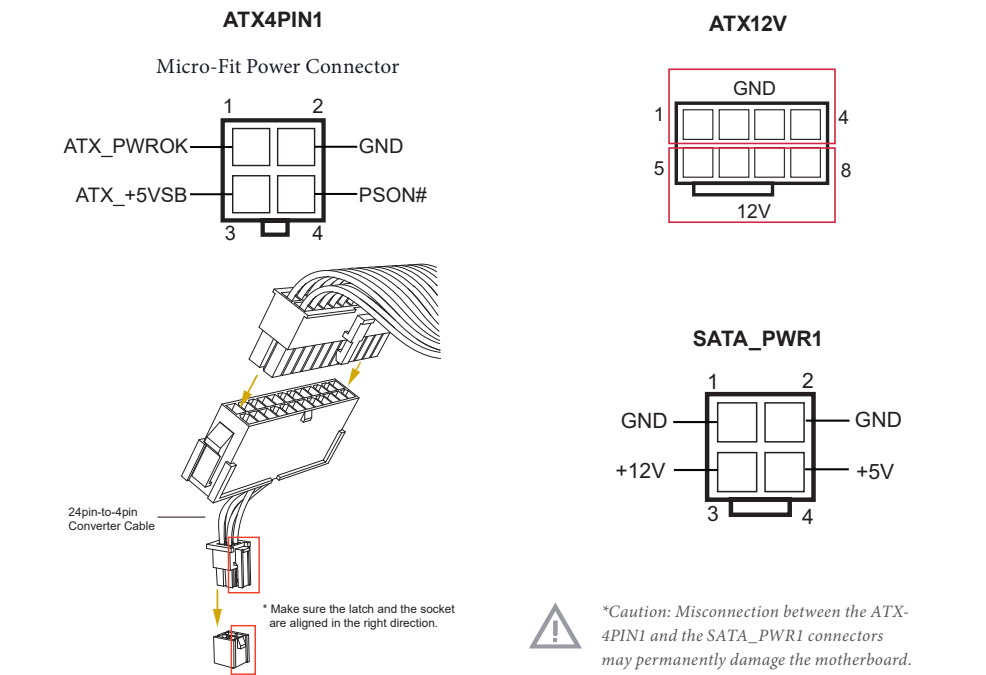
6 Install the Heatsink



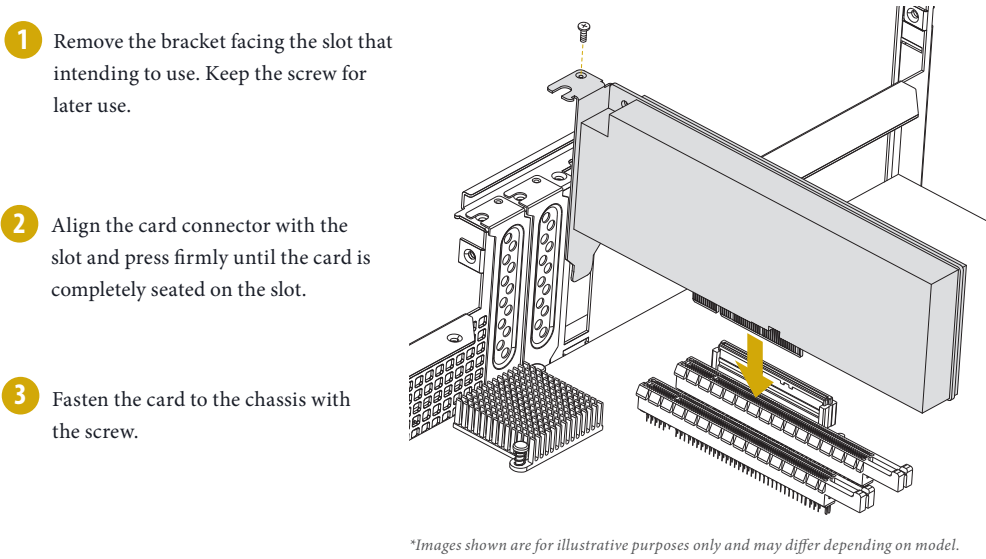
7 Install the Memory



9 Install the Power Cables



11 Install the PCIE Card



*Images shown are for illustrative purposes only and may differ depending on model.