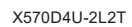
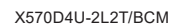


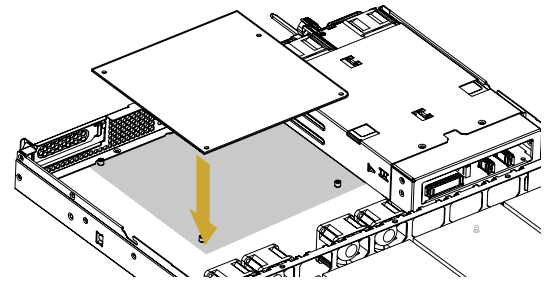


X570D4U-2L2T/BCM | X570D4U-2L2T | X570D4U



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.

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



- | | |
|----|---|
| 1 | ATX 12V Power Connector (ATX12V3) |
| 2 | 2 x 288-pin DDR4 DIMM Slots
(DDR4_A1, DDR4_B1, Blue) |
| 3 | PSU SMBus Header (PSU_SMB1) |
| 4 | ATX Power Connector (ATXPWR1) |
| 5 | System Fan Connector (4-pin) (FAN3) |
| 6 | System Fan Connector (6-pin) (FAN4) |
| 7 | System Fan Connector (6-pin) (FAN5) |
| 8 | 2 x 288-pin DDR4 DIMM Slots
(DDR4_A2, DDR4_B2, White) |
| 9 | System Fan Connector (6-pin) (FAN6) |
| 10 | SATA DOM Power Connector (SATAPWR1) |
| 11 | AM4 PGA 1331 Socket |
| 12 | M.2 Socket (M2_2) (Type 2242 / 2260 / 2280) |
| 13 | SATA3 DOM Connector (SATA_0), Red |
| 14 | USB 3.2 Gen1 Header (USB3_3_4) |
| 15 | SATA3 Connector (SATA_1) |
| 16 | M.2 Socket (M2_1) (Type 2242 / 2260 / 2280 / 22110) |
| 17 | SATA3 Connector (SATA_3)(Upper),
SATA3 Connector (SATA_2)(Lower) |
| 18 | TPM-SPI Header (TPM_BIOS_PH1) |
| 19 | SATA3 Connector (SATA_5)(Upper),
SATA3 Connector (SATA_4)(Lower) |
| 20 | SATA3 Connector (SATA_7) |
| 21 | SATA3 Connector (SATA_6) |
| 22 | Thermal Sensor Header (TR1) |
| 23 | System Panel Header (PANEL1) |
| 24 | Auxiliary Panel Header (AUX_PANEL1) |
| 25 | Clear CMOS Pad (CLRMOSt) |
| 26 | System Fan Connector (4-pin) (FAN1) |
| 27 | System Fan Connector (4-pin) (FAN2) |
| 28 | TPM Header (TPM1) |
| 29 | Chassis ID1 Jumper (CHASSIS_ID1)* |
| 30 | Speaker Header (SPEAKER1) |
| 31 | BMC SMBus Header (BMC_SMB_1) |
| 32 | Intelligent Platform Management Bus Header (IPMB_1) |
| 33 | Chassis ID2 Jumper (CHASSIS_ID2)* |
| 34 | Chassis ID3 Jumper (CHASSIS_ID3)* |
| 35 | Front LAN LED Connector (LED_LAN_3_4)
(X570D4U-2L2T / X570D4U-2L2T/BCM only) |
| 36 | Front VGA Header (FRNT_VGA1) |

*Reserved for BOM option.

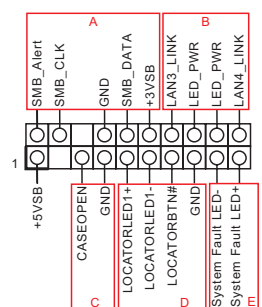
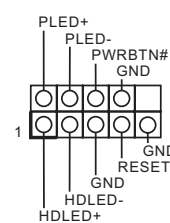
No.	Description	No.	Description
1	VGA Port (VGA1)	6	LAN RJ-45 Port (IPMI_LAN1)
2	Serial Port (COM1)	7	HDMI Port
3	1G LAN RJ-45 Port (LAN1)	8	10G LAN RJ-45 Port (LAN3) <i>(X570D4U-2L2T / X570D4U-2L2T/BCM only)</i>
4	1G LAN RJ-45 Port (LAN2)	9	10G LAN RJ-45 Port (LAN4) <i>(X570D4U-2L2T / X570D4U-2L2T/BCM only)</i>
5	USB 3.2 Gen2 Ports (USB3_1_2)	10	UID Switch (UID1)

Short

Open

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

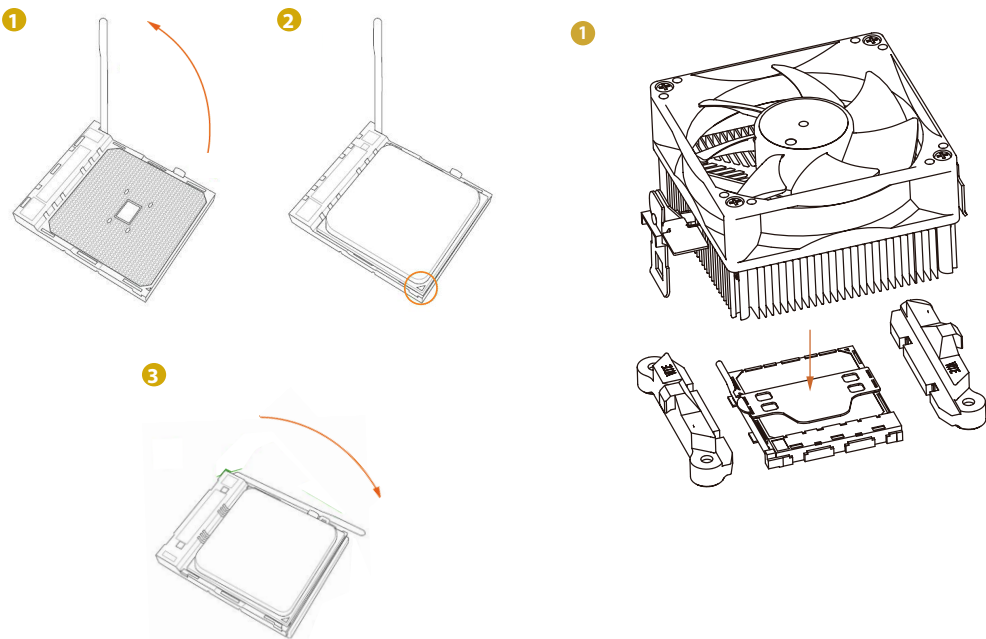
Auxiliary Panel



The terms HDMI® and HDMI High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



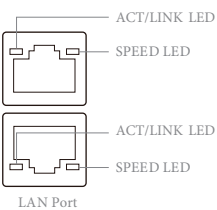
6 Install the Processor



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

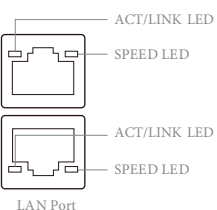
8 LAN Port LED Indications

10G LAN Port



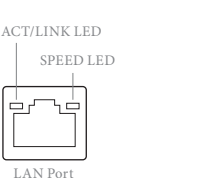
Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10M/100Mbps connection or no link
Blinking Yellow	Data Activity	Orange	1Gbps connection
On	Link	Green	10Gbps connection

1G LAN Port



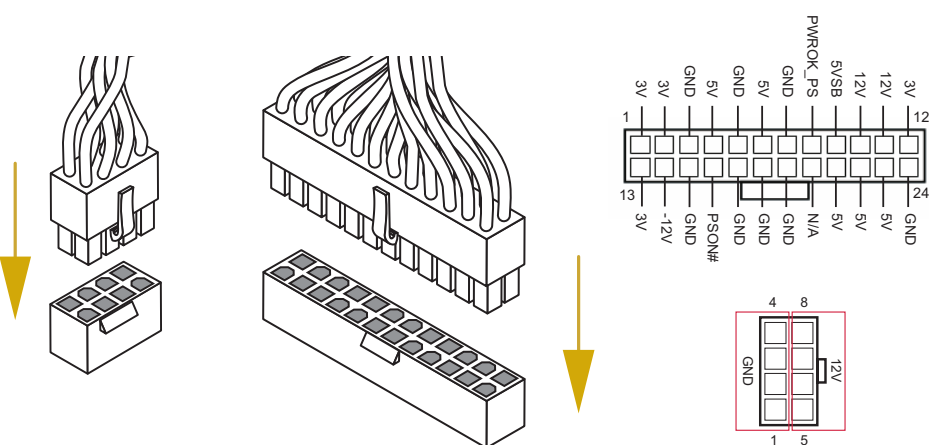
Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10Mbps connection or no link
Blinking Orange	Data Activity	Yellow	100Mbps connection
On	Link	Green	1Gbps connection

IPMI LAN Port



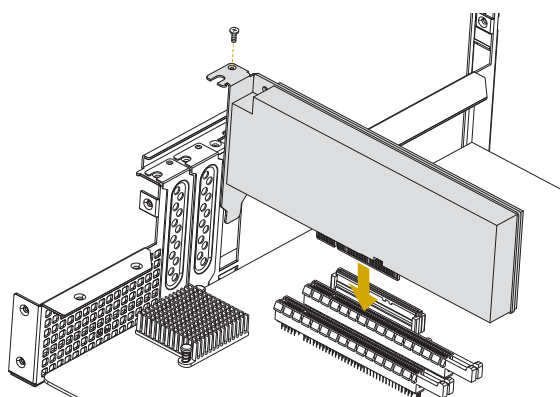
Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10M bps connection or no link
Blinking Yellow	Data Activity	Yellow	100M bps connection
On	Link	Green	1Gbps connection

11 Install the Power Cables



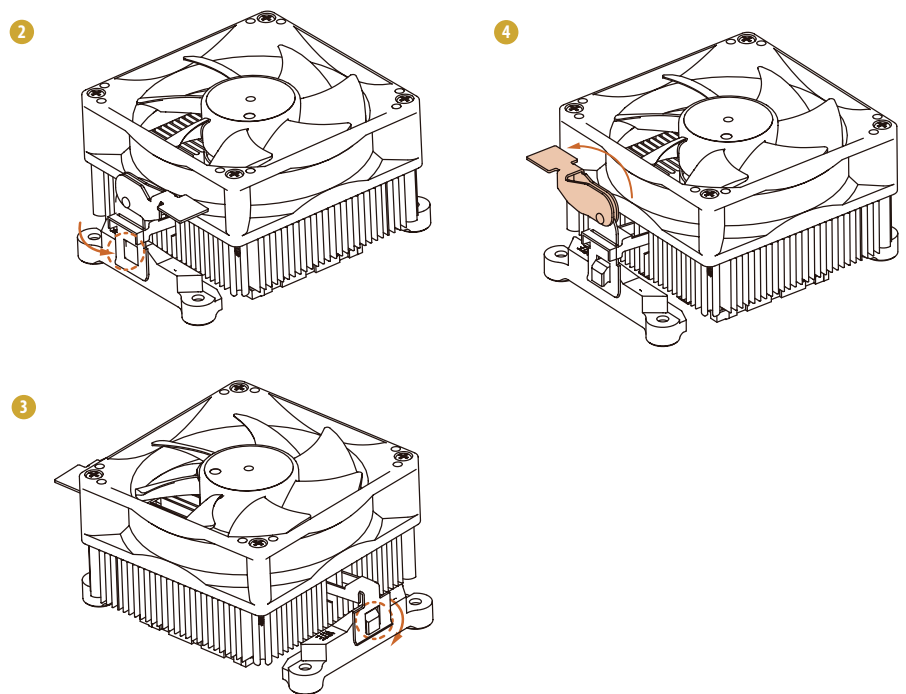
12 Install the PCIE Card

- 1 Remove the bracket facing the slot that you intend to use. Keep the screw for later use.
- 2 Align the card connector with the slot and press firmly until the card is completely seated on the slot.
- 3 Fasten the card to the chassis with the screw.



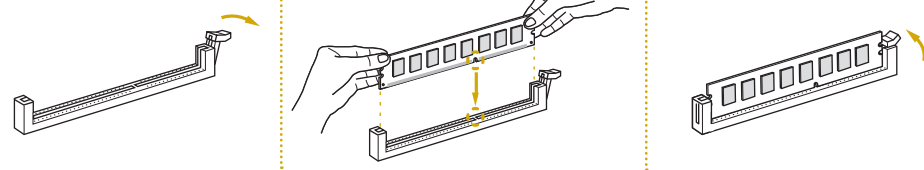
*Images shown are for illustrative purposes only and may differ depending on model.

7 Install the Heatsink



9 Install the Memory

- 1 Unlock a DIMM slot by pressing the module clip outward.
- 2 Insert the memory module.
- 3 Lock the clip.



10 M.2 SSD Module Installation

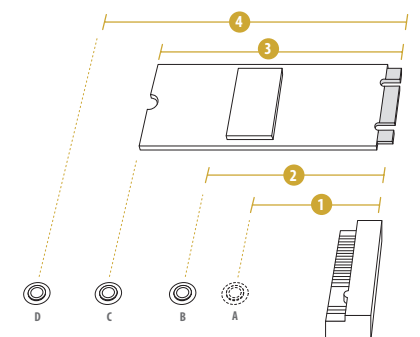
- 1 Find the corresponding nut location to be used.

M2_1:

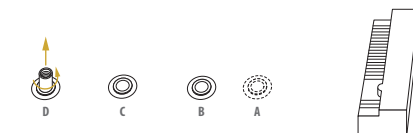
No.	1	2	3	4
Nut Location	A	B	C	D
PCB Length	4.2cm	6cm	8cm	10cm
Module Type	Type 2242	Type2260	Type 2280	Type 22110

M2_2:

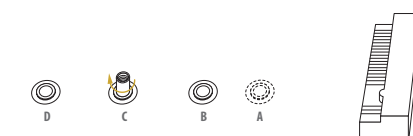
No.	1	2	3
Nut Location	A	B	C
PCB Length	4.2cm	6cm	8cm
Module Type	Type 2242	Type2260	Type 2280



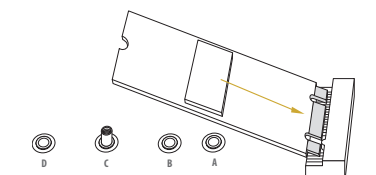
- 2 Move the standoff based on the module type and length.



- 3 Peel off the yellow protective film on the nut. Hand tighten the standoff into the desired location.



- 4 Align and gently insert the M.2 module into the slot.



- 5 Tighten the screw with a screwdriver to secure the module into place. Please do not overtighten the screw.

