



P/N: 15G065307001AK V1.1

Quick Installation Guide

EC266D2I | EC266D2I-2T/AQC



EC266D2I



EC266D2I-2T/AQC

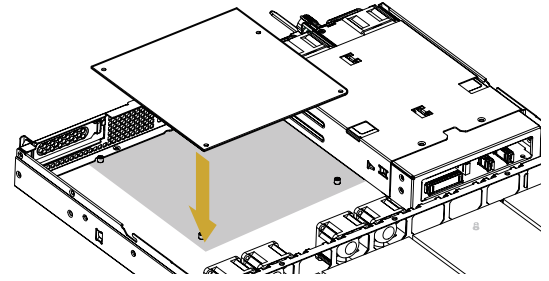
The server board User's Manual is available for download from the ASRock Rack's official website at <http://www.asrockrack.com>.

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

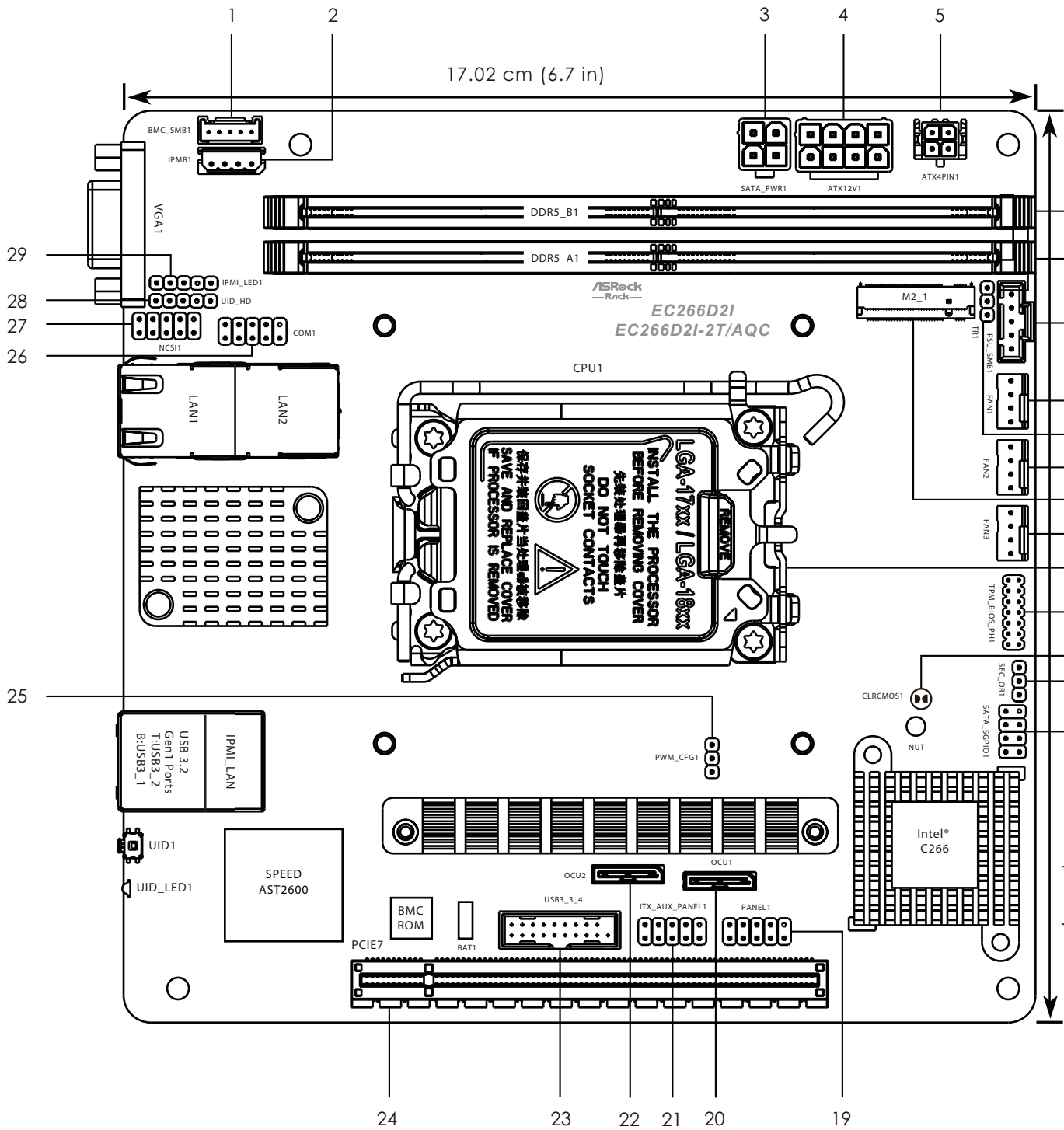
1. Unplug the power cord from the wall socket before touching any components.
2. To avoid damaging the server board's components due to static electricity, NEVER place the server board directly on the carpet or the like. Also remember to use a grounded wrist strap or touch a safety grounded object before you handle the components.
3. Hold components by the edges and do not touch the ICs.
4. Whenever 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.

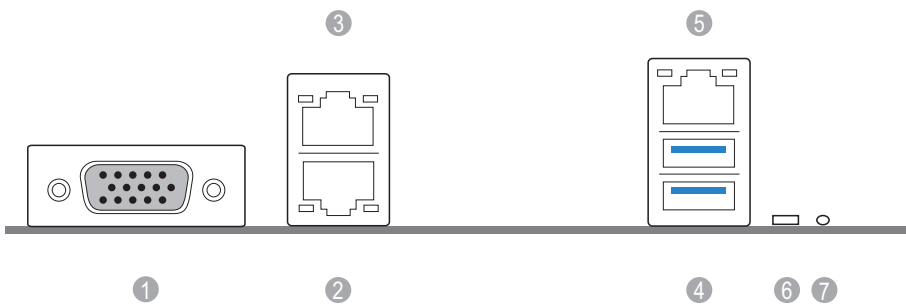


2 Motherboard Layout

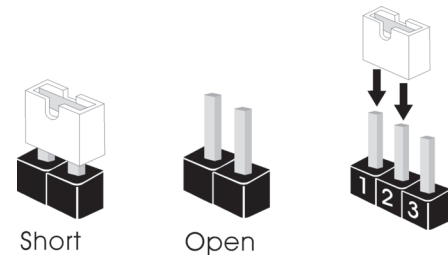


No.	Description
1	BMC SMBus Header (BMC_SMB1)
2	Intelligent Platform Management Bus Header (IPMB1)
3	SATA Power Connector (SATA_PWR1)
4	ATX 12V Power Connector (ATX12V1)
5	Micro-Fit Power Connector (ATX4PIN1)
6	1 x 288-pin DDR5 DIMM Slots (DDR5_B1)
7	1 x 288-pin DDR5 DIMM Slots (DDR5_A1)
8	PSU SMBus Header (PSU_SMB1)
9	Chassis Fan Connector (FAN1)
10	Thermal Sensor Header (TR1)
11	Chassis Fan Connector (FAN2)
12	M.2 Socket (M2_1) (Type 2280)
13	Chassis Fan Connector (FAN3)
14	Single Socket (LGA-1700) (CPU1)
15	SPI TPM Header (TPM_BIOS_PH1)
16	Clear CMOS Pad (CLRMO51)
17	Security Override Jumper (SEC_OR1)
18	SATA SGPIO Connector (SATA_SGPIO1)
19	System Panel Header (PANEL1)
20	OCuLink Connector (PCIe4.0 x4 or SATA 6Gb/s) (OCU1)
21	Auxiliary Panel Header (ITX_AUX_PANEL1)
22	OCuLink Connector (PCIe3.0 x4 or SATA 6Gb/s) (OCU2)
23	USB 3.2 Gen1 Header (USB3_3_4)
24	PCI Express 5.0 x16 Slot (PCIE7)
25	PWM Configuration Header (PWM_CFG1)
26	COM Port Header (COM1)
27	NCSI Header (NCSI1)
28	UID Button Header (UID_HD)
29	IPMI LAN LED Header (IPMI_LED1)

3 I/O Panel



4 Jumper Cap On/Off



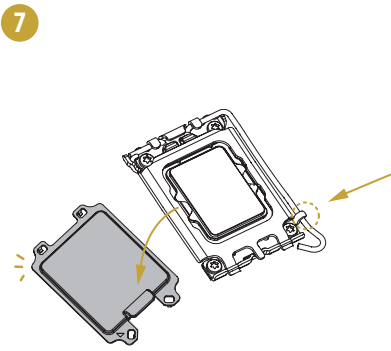
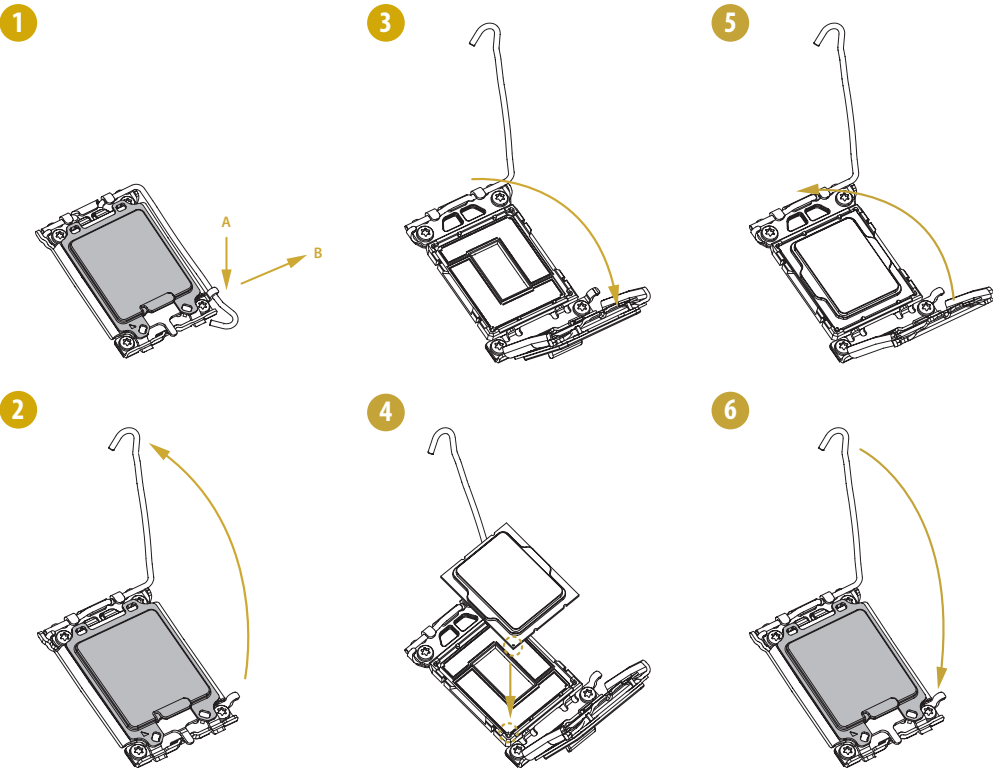
When the jumper cap is placed on the pins, the jumper is "Short". If no jumper cap is placed on the pins, the jumper is "Open".

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

No.	Description	No.	Description
1	VGA Port (VGA1)	5	LAN RJ-45 Port (IPMI_LAN)*
2	EC266D2I: 1G LAN RJ-45 Port (LAN1, shared NIC) EC266D2I-2T/AQC: 10G LAN RJ-45 Port (LAN1)	6	UID Switch (UID1)
3	EC266D2I: 1G LAN RJ-45 Port (LAN2) EC266D2I-2T/AQC: 10G LAN RJ-45 Port (LAN2)	7	UID LED (UID_LED1)
4	USB 3.2 Gen1 Ports (USB3_1_2)		

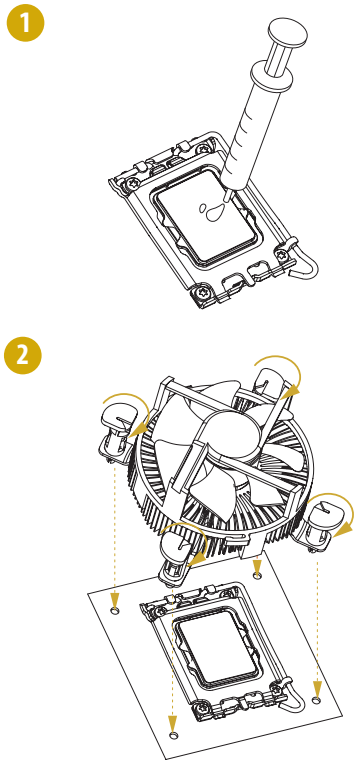


5 Install the Processor



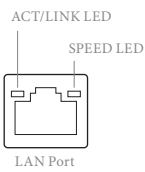
We recommend using the CPU Installation tool to avoid CPU pin-bent problem.
The illustrations in this quick installation guide are for references only. The actual looks may differ by the actual product you use.

6 Install the CPU Fan and Heatsink



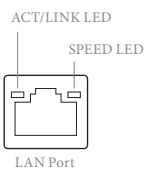
7 LAN Port LED Indications

IPMI LAN Port



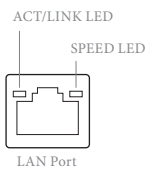
Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10M bps connection or no link
Blinking Yellow	Data Activity	Orange	100M bps connection
On	Link	Green	1Gbps connection

1G LAN Port



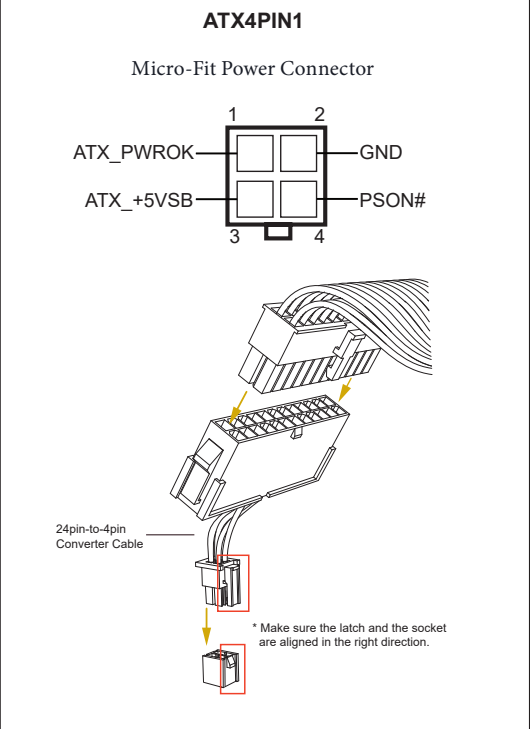
Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10Mbps connection or no link
Blinking Yellow	Data Activity	Orange	100Mbps connection
On	Link	Green	1Gbps connection

10G LAN Port

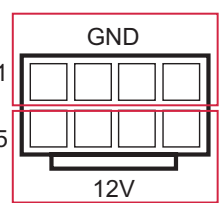


Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10/100Mbps connection or no link
Blinking Yellow	Data Activity	Orange	1Gbps connection
On	Link	Green	10Gbps connection

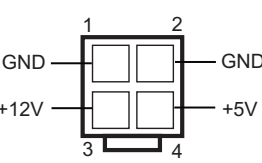
8 Power Connectors



ATX12V1



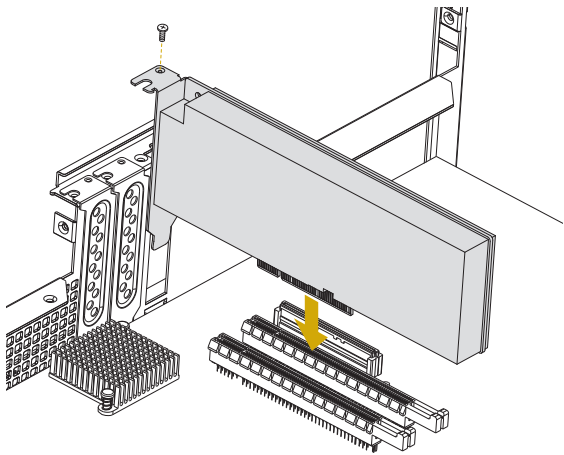
SATA_PWR1



*Caution: Misconnection between the ATX-4PIN1 and the SATA_PWR1 connectors may permanently damage the motherboard.

9 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.



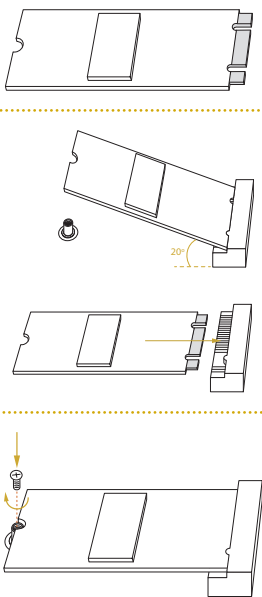
*Images shown are for illustrative purposes only and may differ depending on model.

PCIE Slot:

Slot	Generation	Mechanical	Electrical	Source
PCIE 7	5.0	x16	x16	CPU1

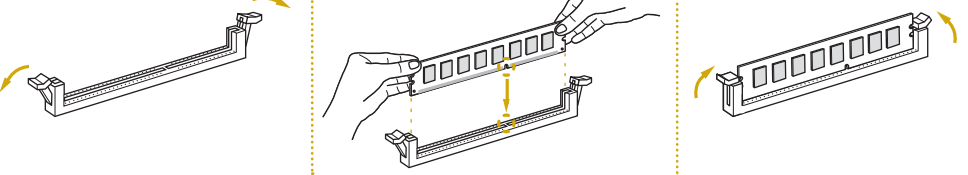
10 Install the M.2 SSD Module

- 1 Prepare a M.2 SSD module and the screw.
- 2 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.
- 3 Tighten the screw with a screwdriver to secure the module into place. Please do not overtighten the screw as this might damage the module.



11 Install the Memory

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



12 Headers

