



P/N: 15G065285000AR V1.0

Quick Installation Guide

1U4LW-C262/2L2T RPSU



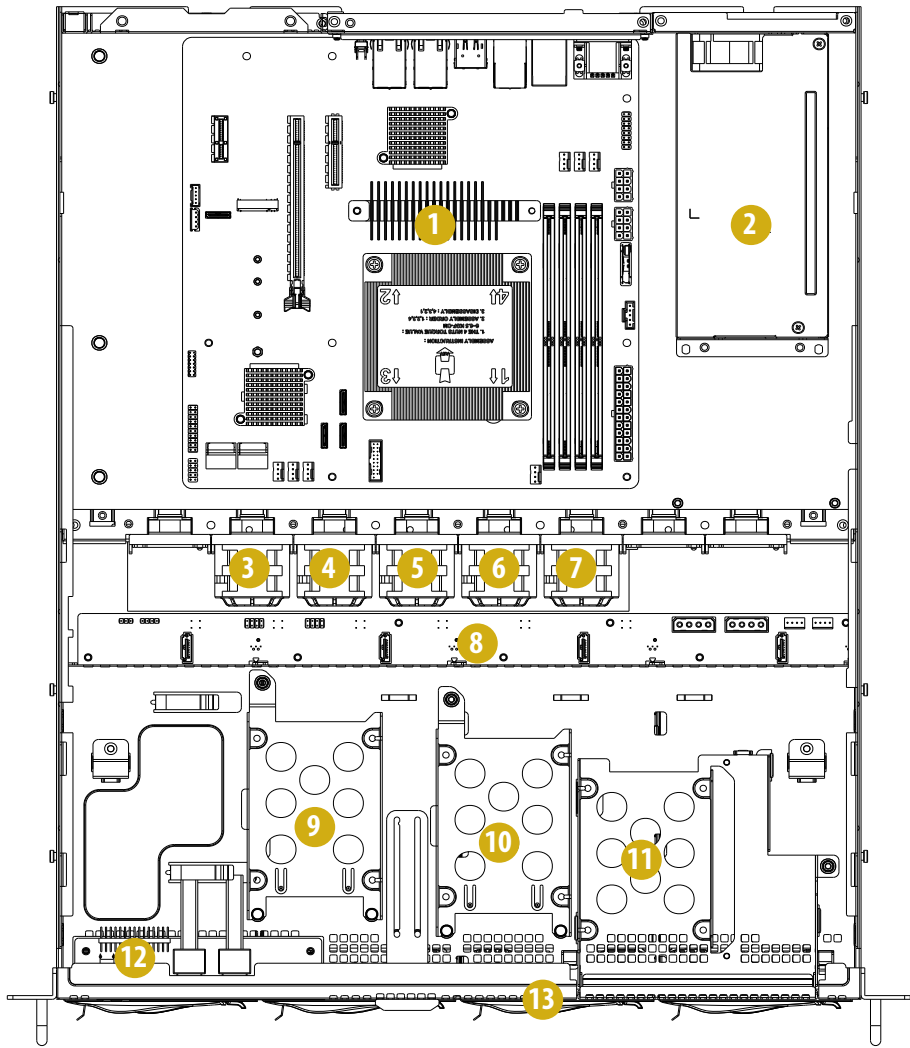
1U4LW-C262/2L2T RPSU

The User 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 the components or change any settings.

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

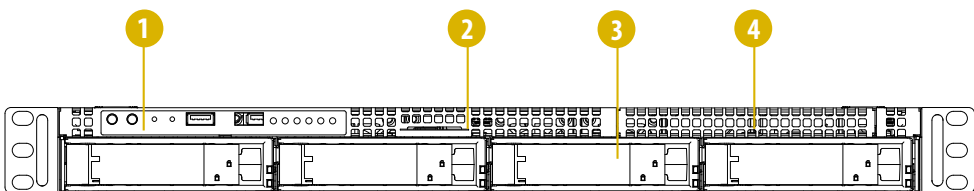
2 Internal Features



No.	Description
1	Server motherboard
2	Single fixed PSU
3	PWM easy-swap 40x28mm fan (FAN5)
4	PWM easy-swap 40x28mm fan (FAN4)
5	PWM easy-swap 40x28mm fan (FAN3)
6	PWM easy-swap 40x28mm fan (FAN2)
7	PWM easy-swap 40x28mm fan (FAN1)
8	Hard drive backplane board (BPB)

No.	Description
9	1 Fixed 2.5" NVMe (PCIe4.0 x4) drive bay
10	1 Fixed 2.5" NVMe (PCIe4.0 x4) drive bay
11	1 Fixed 2.5" SATA or 1 slim optical disc drive (ODD) drive bay (optional)
12	Front panel board (FPB)
13	4 Hot-swap 3.5" SATA drive bays

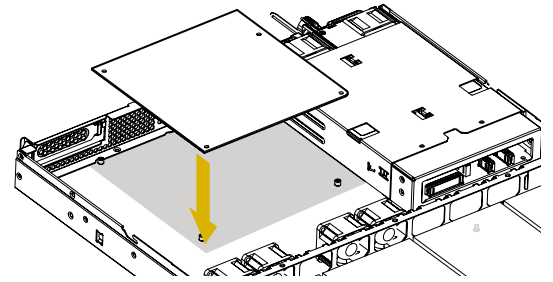
5 System Front Panel



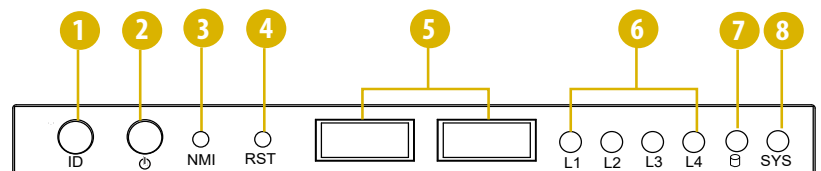
No.	Description
1	Front I/O panel
2	2 Fixed 2.5" NVMe (PCIe4.0 x4) drive bay
3	4 Hot-swap 3.5" SATA drive bays
4	1 Fixed 2.5" SATA or 1 slim optical disc drive (ODD) drive bay (optional)

1 Replace Server Motherboard

- 1 Carefully unplug all cables and release thumbscrews on the server motherboard to remove them from the barebone.
- 2 Align the replaced server motherboard with the mounting holes.
- 3 Affix the screws clockwise into the mounting holes in all of the corners of the server motherboard. Do not over-tighten the screws.

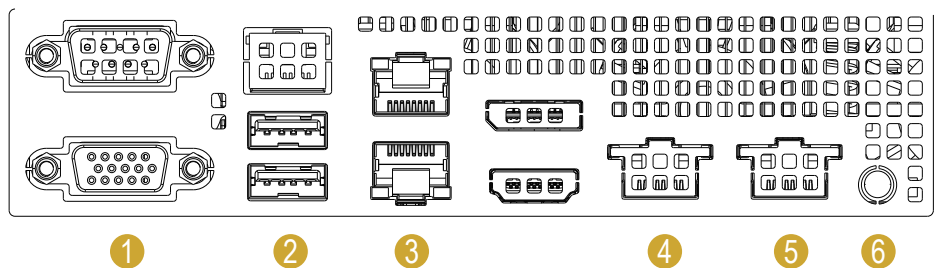


3 Front I/O Panel



No.	Description
1	ID switch w/ LED
2	Power switch w/ power status LED
3	NMI button
4	System reset button
5	2 Type-A (USB3.2 Gen1) ports
6	LAN1, LAN2, LAN3, LAN4 LEDs
7	Hard drive LED
8	System fail activity LED

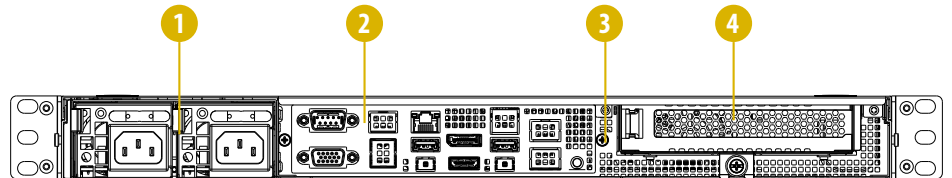
4 Rear I/O Panel



No.	Description
1	Upper: 1 DB9 (COM) Lower: 1 DB15 (VGA)
2	Upper: 1 Dedicated IPMI LAN port Lower: 2 Type-A (USB3.2 Gen1) ports
3	2 RJ45(1GbE) LAN ports

No.	Description
4	1 RJ45(10GbE) LAN port
5	1 RJ45(10GbE) LAN port
6	1 UID button w/ LED

6 System Rear Panel



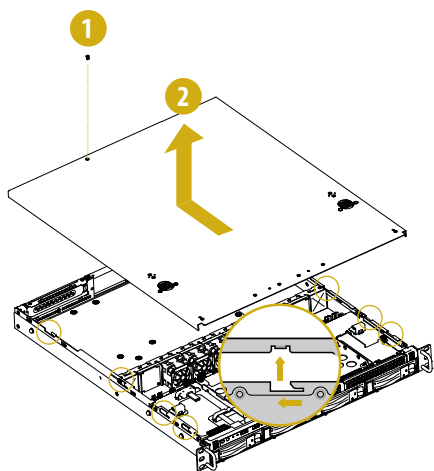
No.	Description
1	1+1 Hot-swap RPSU
2	Rear I/O panel (depends on the specification of the server motherboard)
3	Rear vent
4	1 FHHL PCIe5.0 x16 slot via RB1UX16R_G5



7 Remove and Install Top Cover

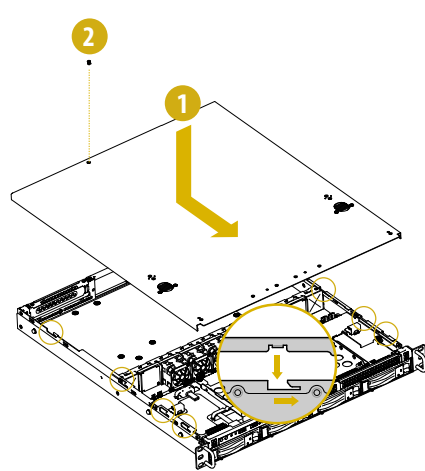
Removing the Server Top Cover

1. Remove the screw securing the top cover to the chassis.
2. Push the top cover toward the REAR of the chassis to release the cover from the locked position. Lift up and remove the cover.



Installing the Server Top Cover

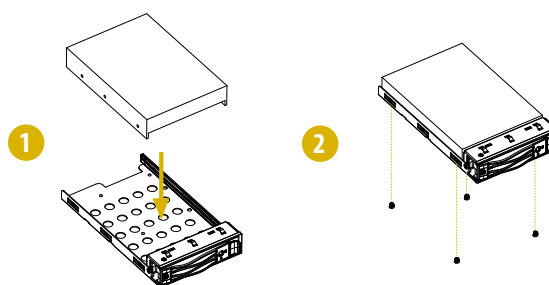
1. Lower the top cover on the chassis, making sure the side latches align with the cutouts. Slide the cover toward the FRONT of the chassis.
2. Secure the top cover in place with the screw.



8 Remove Hard Drive Tray and Install 3.5" Hard Drive to System Front Panel

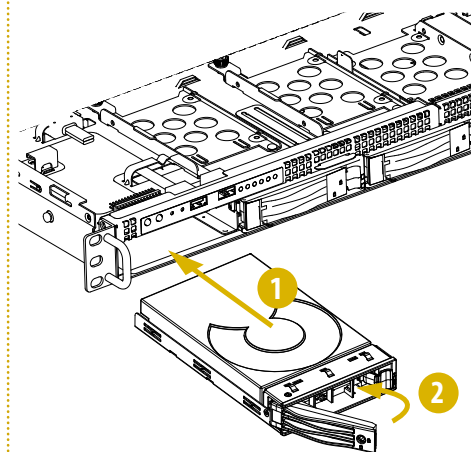
Installing a 3.5" Hard Drive to the Hard Drive Tray

1. Place the 3.5" hard drive into the hard drive tray with the printed circuit board side facing down. Carefully align the mounting holes in the hard drive and the tray.
2. Secure the hard drive in place with four screws.



Installing the Hard Drive Assembly

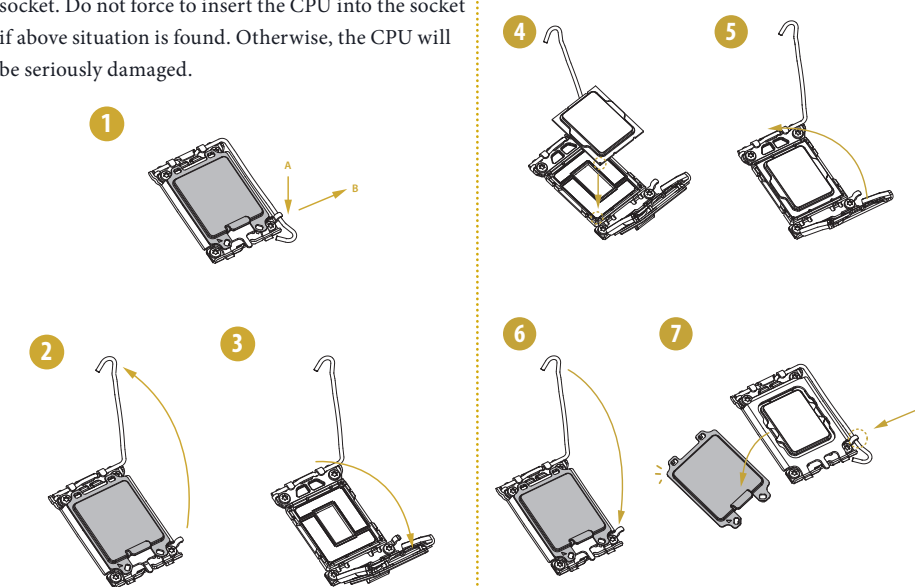
1. Slide the hard drive assembly into the hard drive bay until the assembly is fully seated.
2. Push in the locking lever to lock the assembly in place.



9 Install CPU (LGA 1700 Socket)

Before inserting the 1700-Pin CPU into the socket, check if the PnP cap is on the socket, if the CPU surface is unclean, or if there are any bent pins in the socket. Do not force to insert the CPU into the socket if above situation is found. Otherwise, the CPU will be seriously damaged.

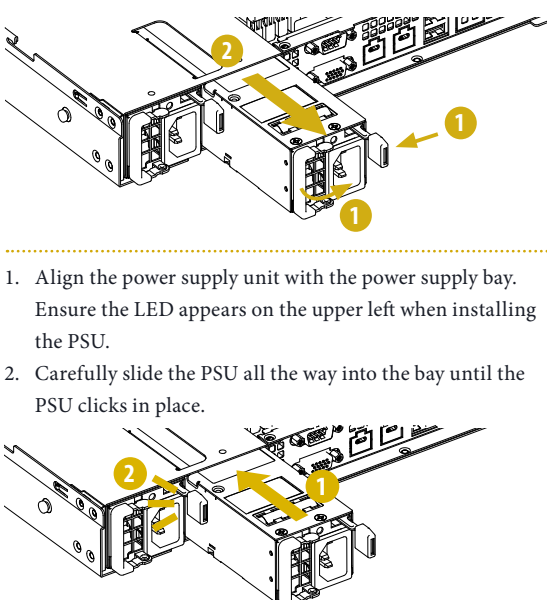
Unplug all power cables before installing the CPU.



Note: We recommend using the CPU installation tool to avoid CPU pin-bent problem.

10 Replace Power Supply Unit

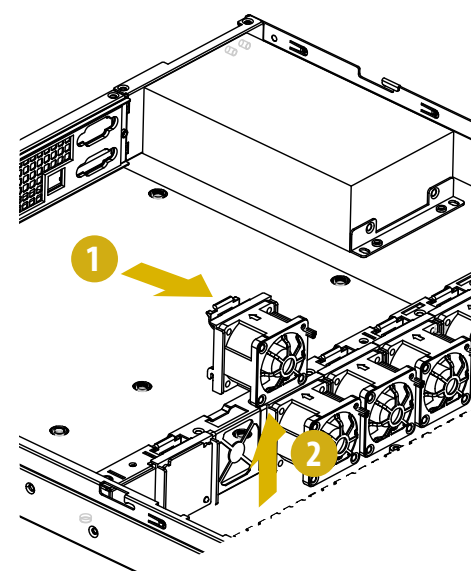
1. Hold onto the power supply handle while pressing the locking lever towards the power supply handle.*
**The illustration is for references only. The actual PSU type may be slightly different by models.*
2. Pull out the PSU from the chassis.



1. Align the power supply unit with the power supply bay. Ensure the LED appears on the upper left when installing the PSU.
2. Carefully slide the PSU all the way into the bay until the PSU clicks in place.

11 Replace System Fan

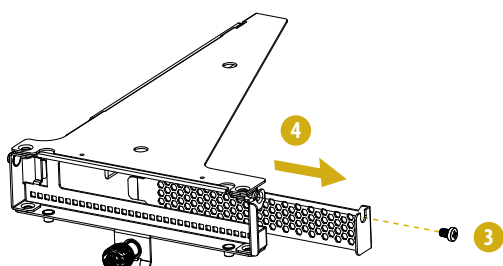
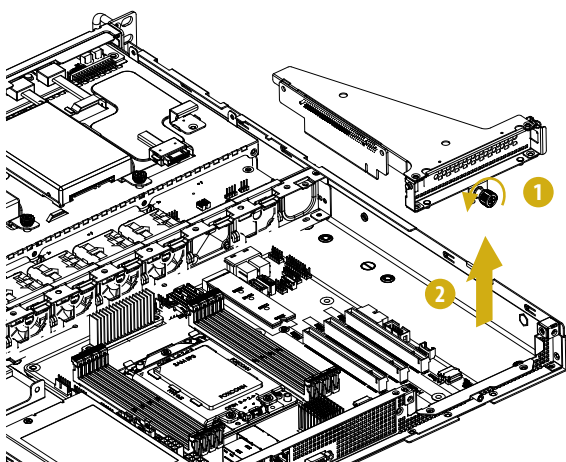
1. Press and hold the clip on the fan.
2. Press and hold the clip on the middle fan.



12 Install Add-In Card

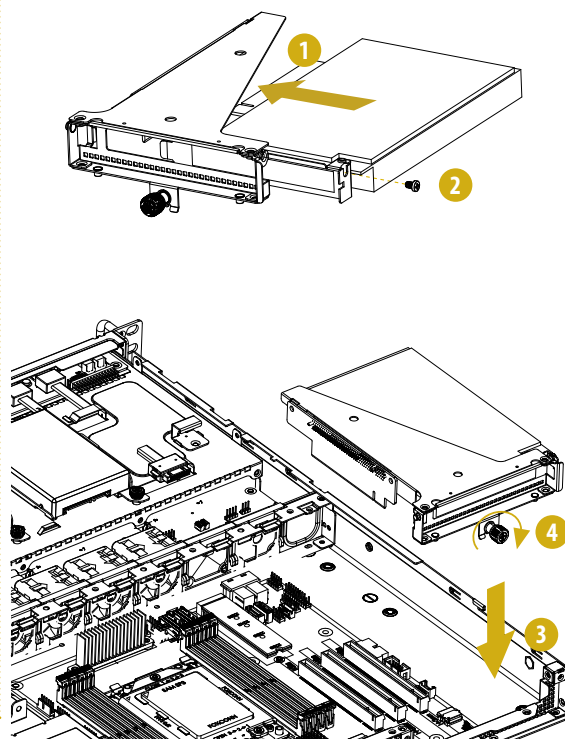
Removing the Riser-card Bracket from the Chassis

1. Hand-release the thumbscrew securing the riser-card bracket on the chassis.
2. Lift up the bracket.
3. Remove the screw securing the blanking plate on the bracket.
4. Slide the blanking plate out sideways.



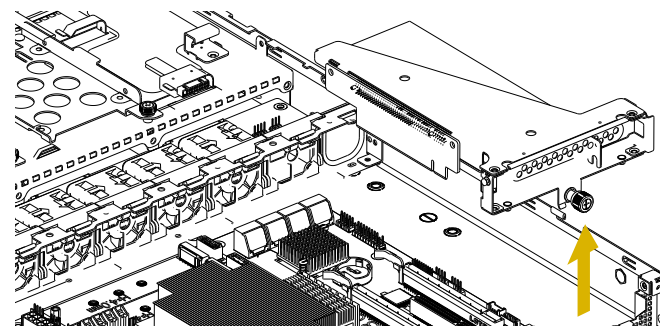
Installing the Add-in Card

1. Install the add-in card to the riser-card bracket.
2. Secure the add-in card to the bracket with the screw.
3. Align the add-in card assembly with the opening of the chassis.
4. Hand-tighten the thumbscrew to secure the assembly to the chassis.

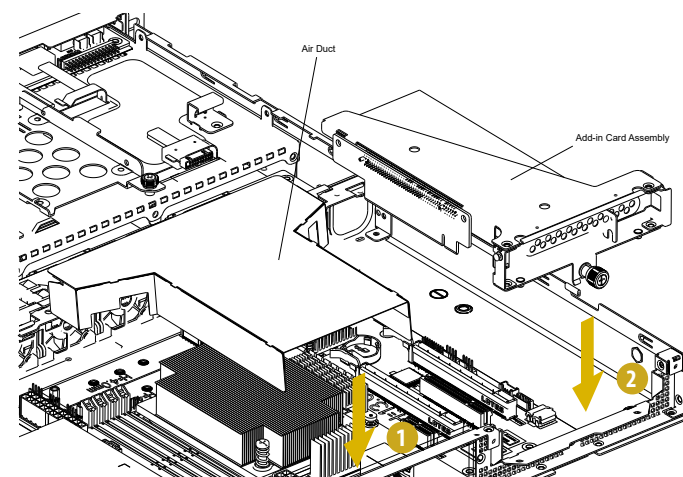


13 Install Air Duct

If an add-in card assembly is already installed, remove the assembly from the chassis before installing the air duct. See section 12 **Install Add-in Card** for more instructions.



If an add-in card assembly is not installed yet, install the air duct first. Then install the assembly to the chassis.



Note: The illustration is for references only. The actual location may be slightly different by models.