1U Fixed Rackmount Rail Installation Guide

The rackmount rail kit can be purchased as an accessory for existing systems including models: NCA-5520 & NCA-5310.

You can mount the network appliance on four posts in a 19-in rack or cabinet by using the rackmount kit.

The rackmount kit contains the following items:

▶ 2x Fixed Brackets
▶ 2x Adjustable Brackets
▶ 2x M3 Flat-head screws for **NCA-5520**
▶ 6x M4 I-head screws for **NCA-5310**
▶ 2x M4 Flat-head screws for **NCA-5310**

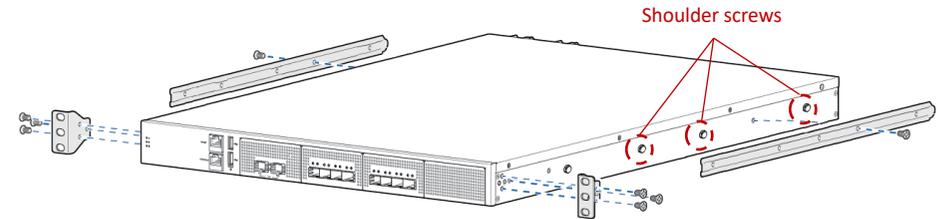Ensure that you have the following parts and tools available:

▶ 2x Mounting Ears (Included with the system)
▶ 6x Flat-head screws for Mounting Ears (Included with the system)
▶ 8x Rack-mounting screws
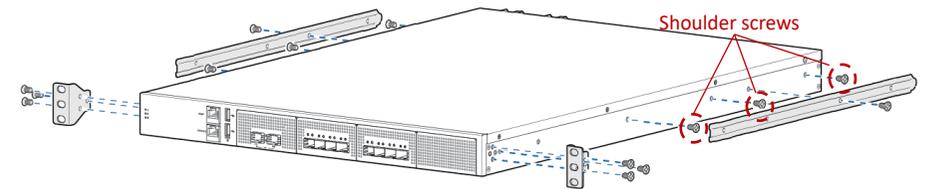▶ 1x Number 2 Screwdriver

Note:

1. Installing the system in a rack requires two people: one person lifts and holds the system, while the second person secures it to the rack.
2. Make sure the rear of the system is supported throughout the installation process.
3. When installing multiple systems in one rack cabinet, install the lowest one first and proceed upward in the rack.

1. Attach the mounting ears to the front of the system chassis, using three (3) flat-head screws for each side. Next, attach the fixed brackets to the sides of the system.
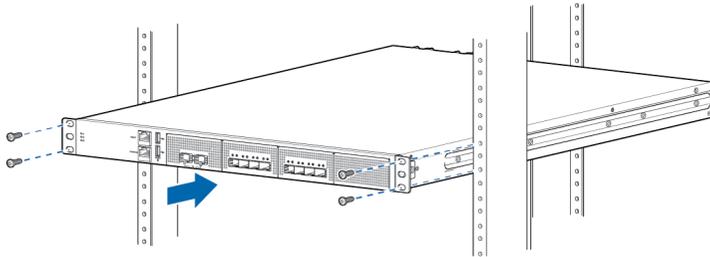
   For **NCA-5520**, align the fixed bracket keyholes to the built-in three (3) shoulder screws on the side of the system. Slide and lock the fixed bracket in place and use one (1) M3 flat-head screw to secure. Repeat for the other side of the system.
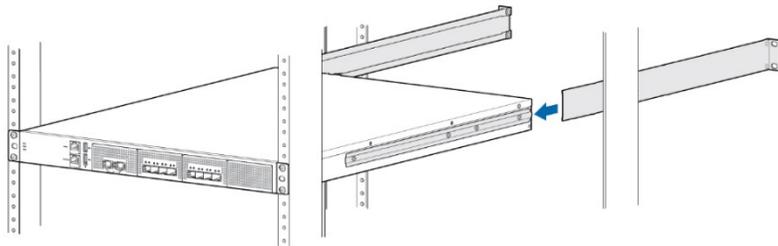

   For **NCA-5310**, secure three (3) M4 I-head screws on the side of the system, acting as shoulder screws. Align the fixed bracket on the side of the system, then slide and lock the fixed bracket in place and use one (1) M4 flat-head screw to secure. Repeat on the other side.
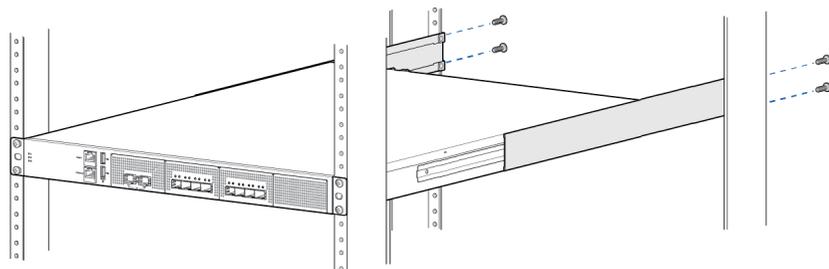
2. Slide the system into the rack, and secure the mounting ears to the rack, using two (2) rack-mounting screws on each side.

3. Slide the adjustable brackets into the fixed brackets attached to the sides of the system.

4. Secure the adjustable brackets to the rack, using two (2) rack-mounting screws on each side.

5. Installation is complete.

Mounting Installation Precautions:

The following should be considered for rack-mount or similar mounting installations:

▶ The installation of this product must be performed by trained specialists; otherwise, a non-specialist might risk the system falling onto the ground or other damages.
▶ For fixed mounting only. To prevent hazards, do not slide the system out on brackets or hang the unsecured system from brackets.
▶ Do not stack additional weight on top of the rackmounted system.
▶ Lanner Electronics Inc. shall not be held liable for any losses resulting from insufficient strength for supporting the system or the use of inappropriate installation components.
▶ Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.
▶ Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of airflow required for the safe operation of the equipment is not compromised.
▶ Mechanical Loading - Installation of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
▶ Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the circuits must have overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
▶ Reliable Grounding - Reliable grounding of equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

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