SA1-01003LNB Installation Guide

SwitchAir 1U Network Switch Cooling

Effective cool air delivery for rear rack mounted 1U switches with rear air intake and front (port) exhaust.
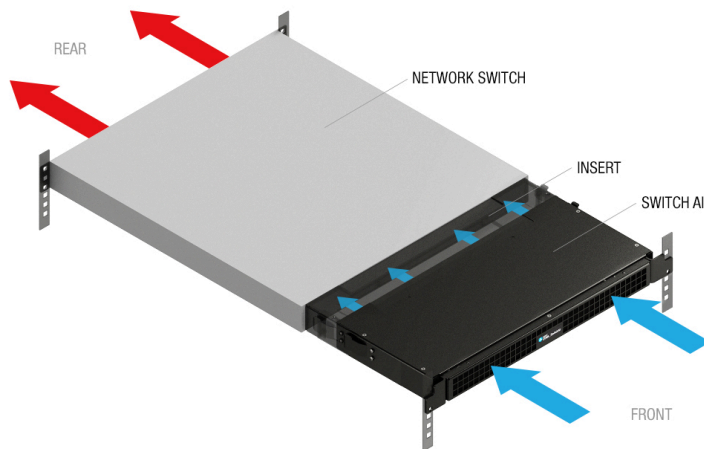
Installation Precaution:

- Install SwitchAir such that the required airflow for safe operation of equipment is not compromised.
- Take precaution to avoid interference with the switch input power cords when installing on a live unit.
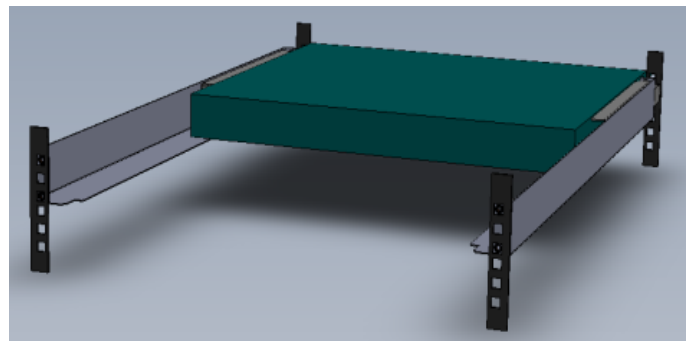
SwitchAir 1U Installed in Rack

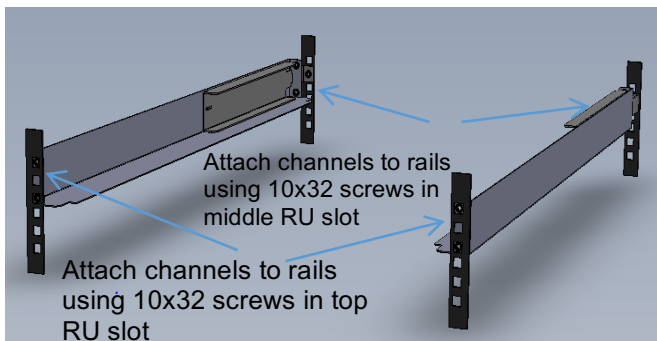Installs in minutes while network switch is live.

SA1-01003LNB Specifications	
Rail Depth Range	10"-14.63"
Airflow	Passive (Switched Generated)
Switch Intake	Rear/Front
Warranty	Lifetime

GM1165

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Installing the SwitchAir

(1) The channels will be mounted to the rack using 10x32 provided screws. The rack front two channels will have two screws in each. The upper slot is for the channel and the bottom slot is for the chassis when installed. The rack rear will mount using one 10x32 screw in each channel if the channel extension is used or two 10x32 screws if the channel extension isn't required.

(2) Once the channels are in place, slide the data switch on the channels and attach to the rear rails. Cage nuts may be required to complete this step.

Attach channels to rails using 10x32 screws in middle RU slot

Attach channels to rails using 10x32 screws in top RU slot

(3) Before installing the chassis/extender the unit must be extended to the longest length. This is done by pulling the tabs on the inner chassis away from the extender. The cables that attach to the back of the data switch must be in place to route through the brush strips when the chassis/extender is pushed into place.

(4) With the data switch cables are in place, push the chassis/extender until it's tight against the data switch and the front rail. Make sure that the cables are routed correctly and there is no gap between the data switch and chassis/extender. Attach the chassis to the front rail using two 10x32 provided screws. Installation complete.

Pull tabs to extend.

Attach chassis to rails using 10x32 screws in bottom RU slot