

APC® NetShelter®

Brackets for Dell 4300/6300 Servers – AR8003

Introduction

NetShelter AR8003 brackets are for mounting a Dell model 4300 or 6300 server in an APC NetShelter enclosure.

Inventory

Table 1 shows the parts that are included in the bracket kit.

Table 1: Inventory of Brackets for Dell 4300/6300 Servers (AR8003)

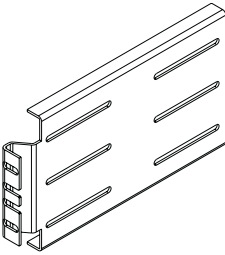
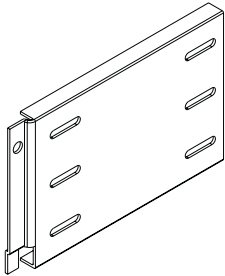
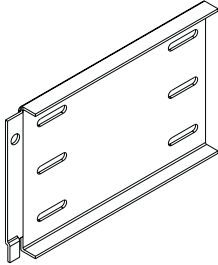
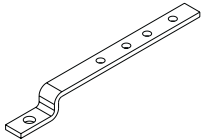





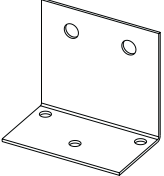
Item	Quantity	Figure
Standard Bracket	4	
Left Rear Bracket (AR1000 installation only)	1	
Right Rear Bracket (AR1000 installation only)	1	
Nut Plate	4	
10-32 × ½" Phillips Panhead Screw	20	



Table 1: Inventory of Brackets for Dell 4300/6300 Servers (AR8003)

Item	Quantity	Figure
M6 × 12 mm Socket Head Screw	2	
#10 Washer	16	
Caged Nut	4	
Flange Nut	2	
Cable Management Arm Bracket	1	

Mounting instructions

The mounting instructions vary according to the series of NetShelter enclosure you are using—AR1000A or AR1000. Follow the appropriate instructions below.

AR1000A series enclosures

To install a Dell 4300 or 6300 Server into a 1000A series NetShelter enclosure, refer to the *Dell Rack Installation Guide for PowerEdge 6300 and PowerEdge 4300 Systems* and the instructions given in Table 2 below.

Table 2: Instructions for Mounting in an AR1000A NetShelter Enclosure

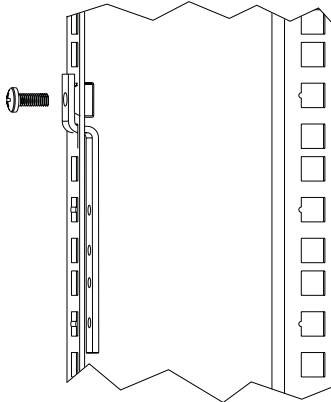
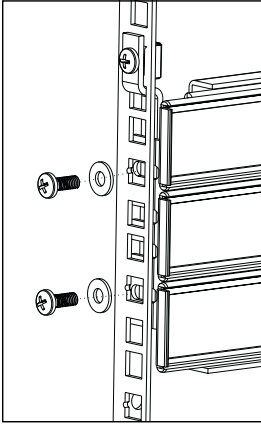
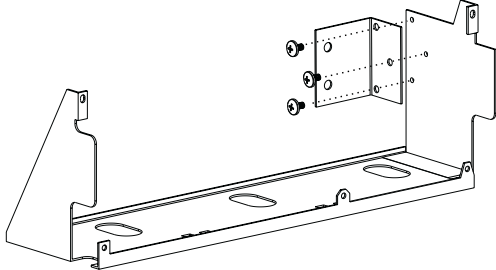
Step	Action	Figure
1	Perform steps 1 and 2 of “Installing the Slide Assemblies in the Rack” in the Dell instructions.	
2	Using a Phillips-head screwdriver, remove the slide alignment screws that hold the four mounting brackets to the exterior slides. Replace the Dell mounting brackets with the standard brackets in this kit, using the same screws.	
3	<p>Choose a location in the enclosure for your Dell server. It should be above any rack-mount UPSs but below any peripherals. Install nut plates on each of the vertical mounting rails, at least 3 U above the nearest equipment.</p> <p>To install each nut plate:</p> <ol style="list-style-type: none"> Install a caged nut in a notched hole at the chosen location on the mounting rail. Insert the small tongue of the nut plate into the mounting hole immediately under the caged nut. Attach the nut plate using a 10-32 × ½” Phillips panhead screw. 	

Table 2: Instructions for Mounting in an AR1000A NetShelter Enclosure

Step	Action	Figure
4	<p>Using the 10-32 × ½” Phillips panhead screws and #10 flat metal washers, attach the front and rear of the rail bracket assembly to the vertical mounting rails of the enclosure.</p> <p><i>Note: The flange of the bracket goes between the the nut plate and the vertical mounting rail of the enclosure, as shown.</i></p> <p>Tighten the screws holding the mounting brackets to the rails.</p>	
5	Continue with the Dell instructions: “Installing the PowerEdge System in the Rack.”	
6	<p>Install the Cable Management Arm bracket on the Dell cable tray as shown, using three 6-32 × ¼” Phillips panhead screws.</p>	
7	Install the Cable Management Arm on the cable arm bracket according to the instructions provided with it.	

AR1000 series enclosures

To install a Dell 4300 or 6300 Server into a 1000 series NetShelter enclosure, refer to the *Dell Rack Installation Guide for PowerEdge 6300 and PowerEdge 4300 Systems* and the instructions given in Table 3 below.

Table 3: Instructions for Mounting in an AR1000 NetShelter Enclosure

Step	Action	Figure
1	<p>Using the M6 Allen wrench provided with your NetShelter enclosure, loosen the M6 × 12 mm socket head screws that govern the location of the rear vertical mounting rails on the enclosure. Fully extend these rails rearward and retighten the screws.</p>	
2	Remove the mounting brackets from the rail slides of the Dell server.	

Table 3: Instructions for Mounting in an AR100 NetShelter Enclosure

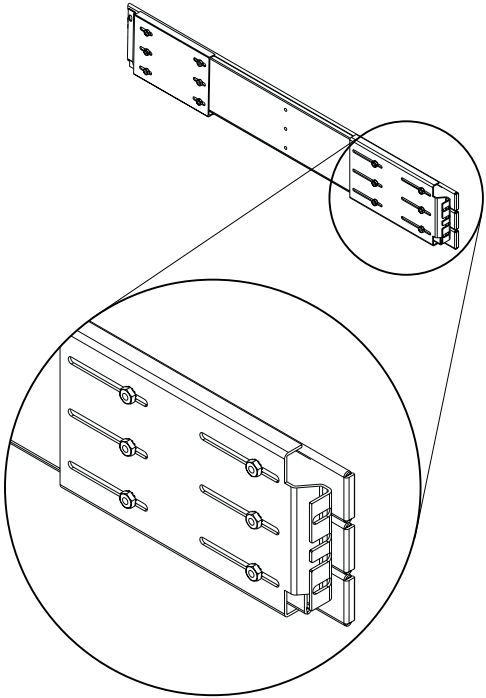
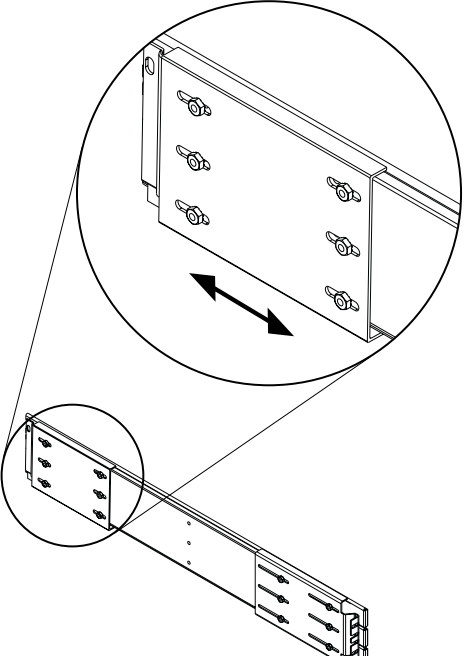
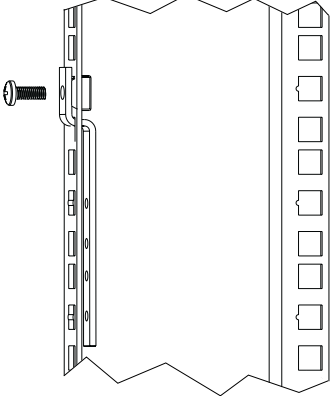
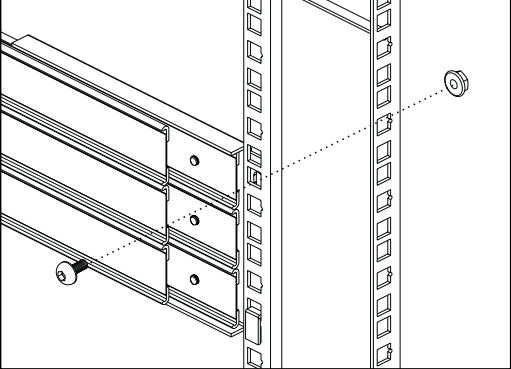
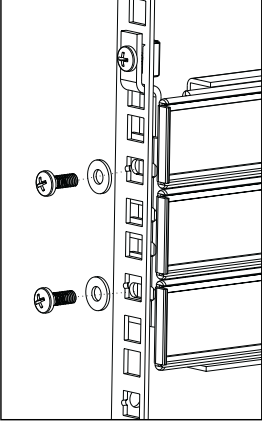
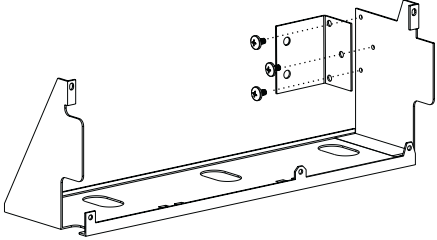
Step	Action	Figure
3	Using the screws removed in Step 2, attach standard brackets on the front of each rail (the end with the green push button on the interior slide), with the angled flange touching the end of the stationary section of the rail, as shown, and tighten.	
4	Attach the right rear and left rear brackets supplied with this kit to the rear of the respective rails (the ends with green plastic stops), as shown. Do not tighten the screws; the bracket must be able to slide along the rail for Steps 6 and 7.	

Table 3: Instructions for Mounting in an AR1000 NetShelter Enclosure

Step	Action	Figure
5	<p>Choose a location in the enclosure for your Dell server. It should be above any rack-mount UPSs but below any peripherals. Install nut plates on each front vertical mounting rail, at least 3 U above the nearest equipment.</p> <p>To install each nut plate:</p> <ul style="list-style-type: none"> d Install a caged nut in a notched hole at the chosen location on the mounting rail. e Insert the small tongue of the nut plate into the mounting hole immediately under the caged nut. f Attach the nut plate using a 10-32 × ½" Phillips panhead screw. 	
6	<p>Slide the lower flange of each rear mounting bracket into the appropriate mounting holes (immediately below a notched hole) on the rear vertical mounting rails of the enclosure, as shown. Attach each bracket using an M6 × 12 mm socket head screw and flange nut.</p>	
7	<p>Using the 10-32 × ½" Phillips panhead screws and #10 flat metal washers, attach the front of each rail-bracket assembly to the front vertical mounting rails of the enclosure.</p> <p><i>Note: The flange of the bracket goes between the the nut plate and the vertical mounting rail of the enclosure, as shown.</i></p> <p>Tighten the screws holding the rear mounting brackets to the rails.</p>	
8	<p>Continue with "Installing the PowerEdge System in the Rack" in the Dell instructions.</p>	
9	<p>Install the Cable Management Arm bracket on the Dell cable tray as shown, using three 6-32 × ¼" Phillips panhead screws.</p>	
10	<p>Install the Cable Management Arm on the cable arm bracket according to the instructions provided with it.</p>	