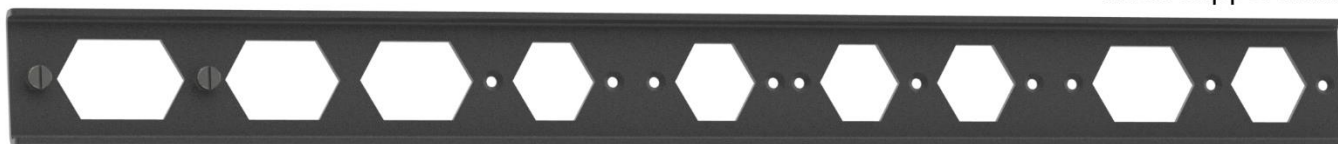


	Rack Rail Instructions		Page 1 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

Fixed Rails

Rack Support Rail



Rack Support Rail Short



2U Rack Support Bracket



1U Rack Support Bracket

			Fitting Screws
1U PC/Plus	2x Rack Support Rail Short	2x 1U Rack Support Bracket	4x M3x3mm Shoulder Screw (pre-installed into the Support Rail), 10x M3x6mm Countersunk
	2x Rack Support Rail		
2U Nano/PC, 3U PC, 4U Nano	2x Rack Support Rail Short	2x 2U Rack Support Bracket	
	2x Rack Support Rail		

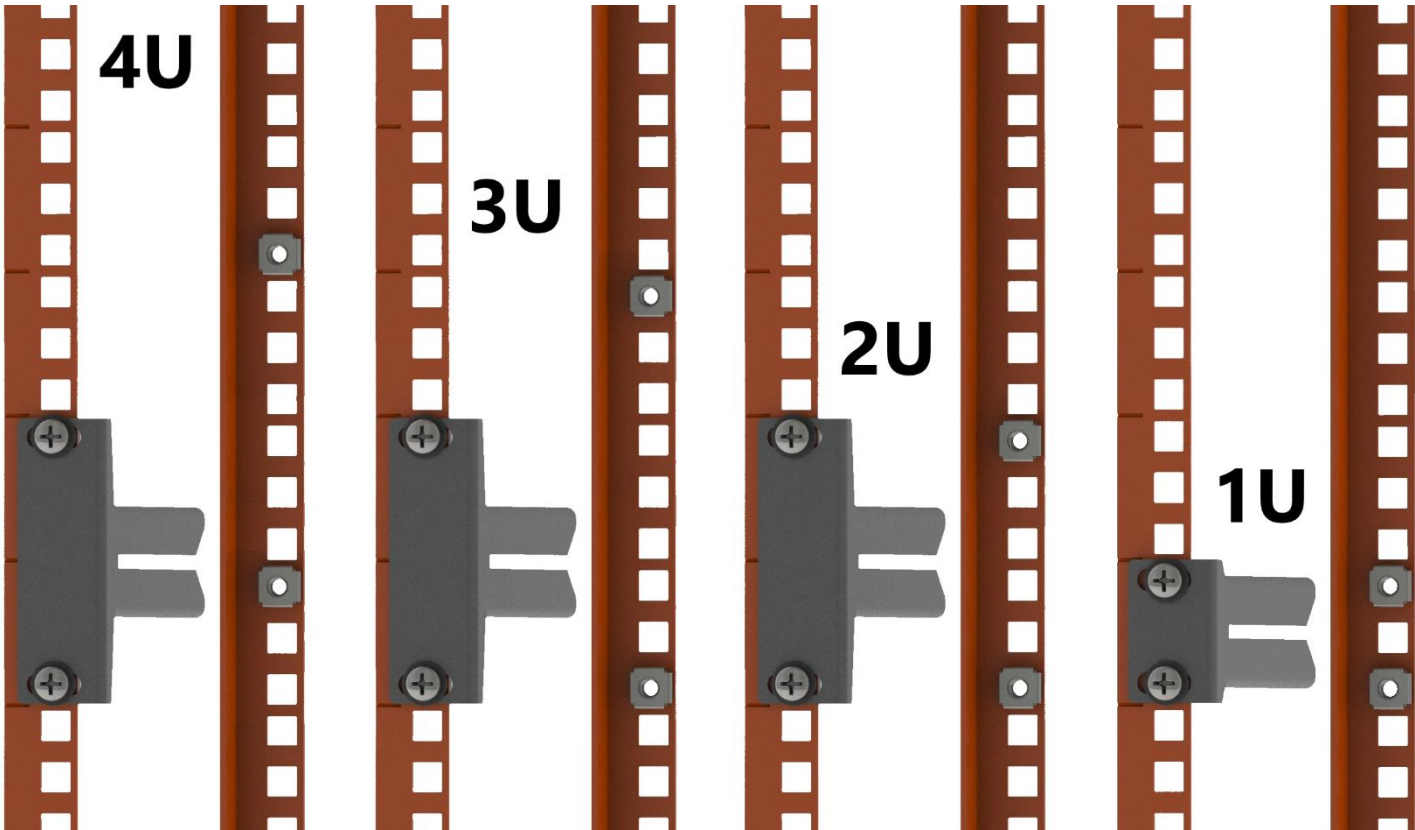
The Rack Support Rails are suitable for use in a rack cabinet with the distance between the front and rear rail uprights:

		200mm	300mm	400mm	500mm	600mm	700mm	800mm	900mm
1U PC	Rack Support Bracket Only		370						
	Rack Support Rail Short				505	720			
	Rack Support Rail				530		770		
1U Plus	Rack Support Bracket Only		500						
	Rack Support Rail				560		870		
2U Nano	Rack Support Bracket Only		400						
	Rack Support Rail Short				520	720			
	Rack Support Rail				540		770		
2U PC	Rack Support Bracket Only		500						
	Rack Support Rail					645	870		
3U PC	Rack Support Bracket Only		480						
	Rack Support Rail Short				535		820		
	Rack Support Rail				575		870		
4U Nano	Rack Support Bracket Only		400						
	Rack Support Rail				495		770		

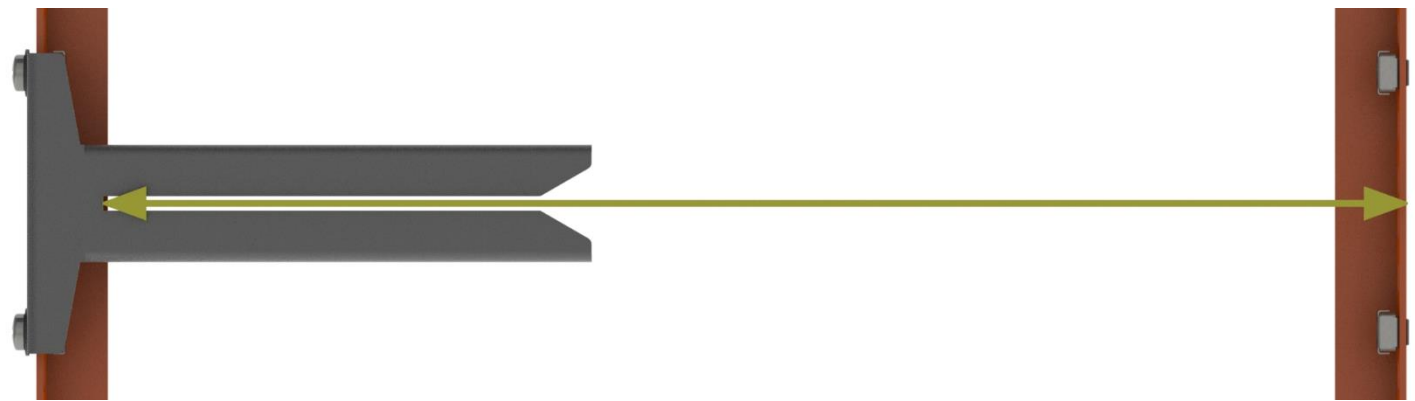
	Rack Rail Instructions		Page 2 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

Fitting to Rack

Fit M6 cage nuts into front and rear positions shown below. Loosely screw Rear Rack Brackets to the rear rails of the rack cabinet.



Measure the distance from the front face of the front Rack Rail to the back of the channel in the Rack Support Bracket and note it down. This distance should be around 25mm less than the distance between the Rack Cabinet's front and rear rail uprights.



	Rack Rail Instructions		Page 3 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

Fitting to Chassis

Screw in Support Rails to side of Chassis, using the supplied countersunk screws, to approximately the required length. Measure from the back face of the Chassis' Rack Ear to the far side of the furthest away Shouldered Screw on the Rack Support Rail. This measurement needs to be less than the measurement taken previously from the rack cabinet rails, but as close as possible, so adjust the mounting positions of the Rack Support Rails if required.



If the spacing between the Rack Cabinet's upright Rails is particularly short then the shouldered screws, that come supplied on the Support Rails, can be installed directly into the Chassis, as shown below.



	Rack Rail Instructions		Page 4 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

On each unit type there are various points that the Support Rails can be screwed into, shown below.

1U PC

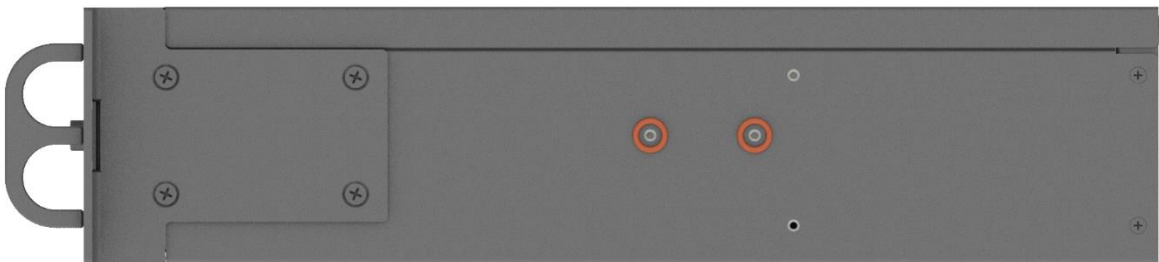
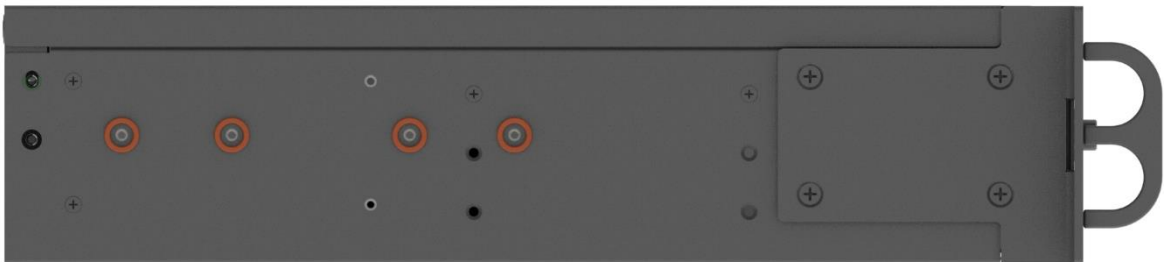


1U Plus

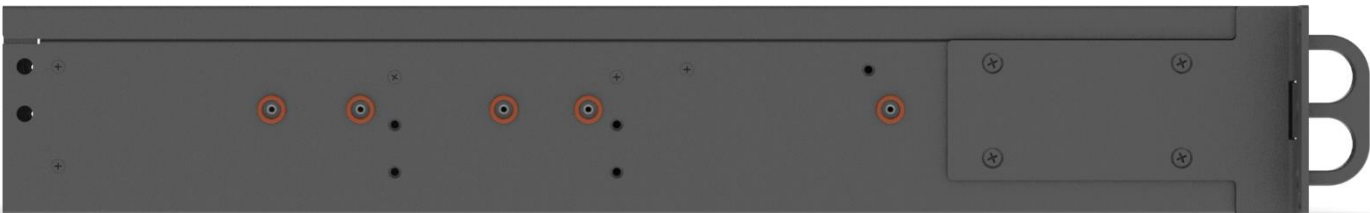


2U Nano

Due to the position of the internal power supply in the 2U Nano there are fewer Support Rail mounting points on the right hand side of the unit. It may only be possible then to mount a Support Rail to one side.

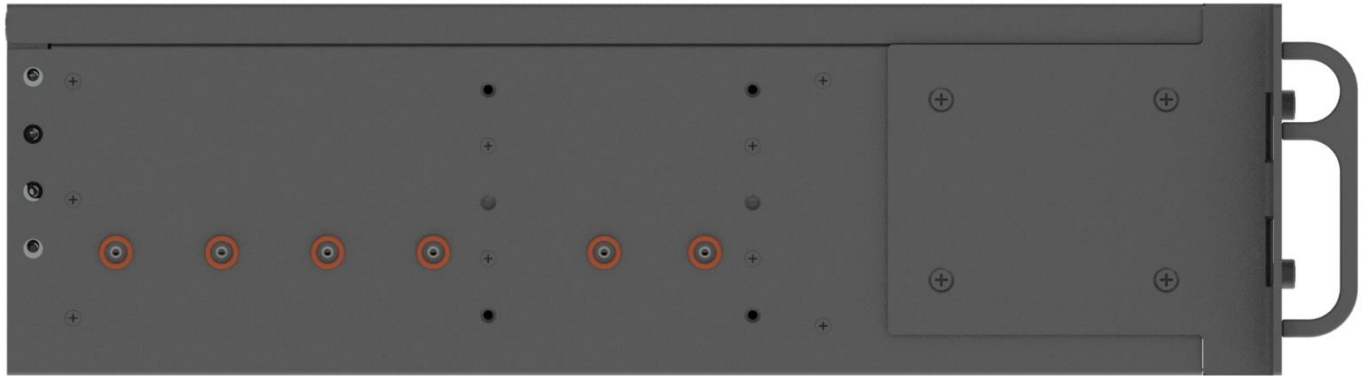


2U PC

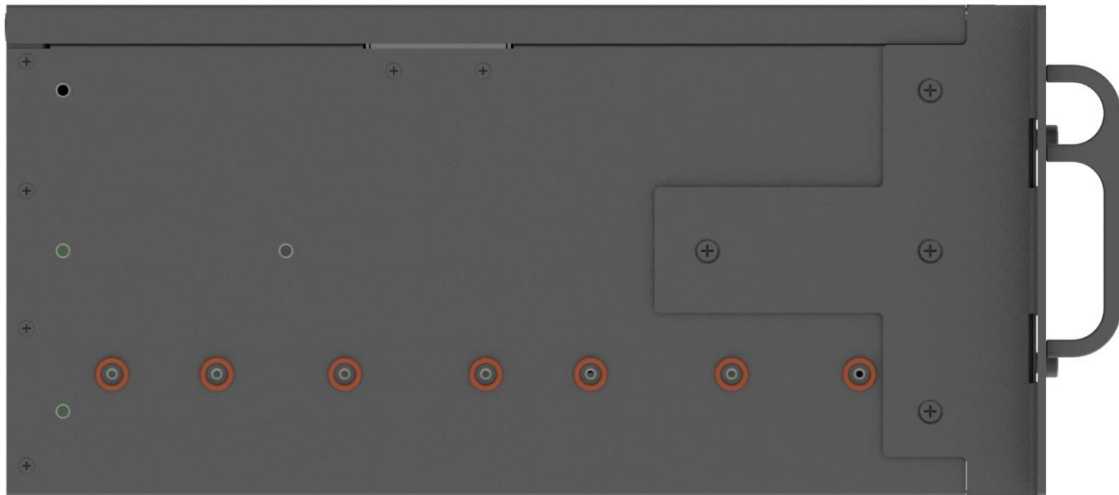


	Rack Rail Instructions		Page 5 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

3U PC



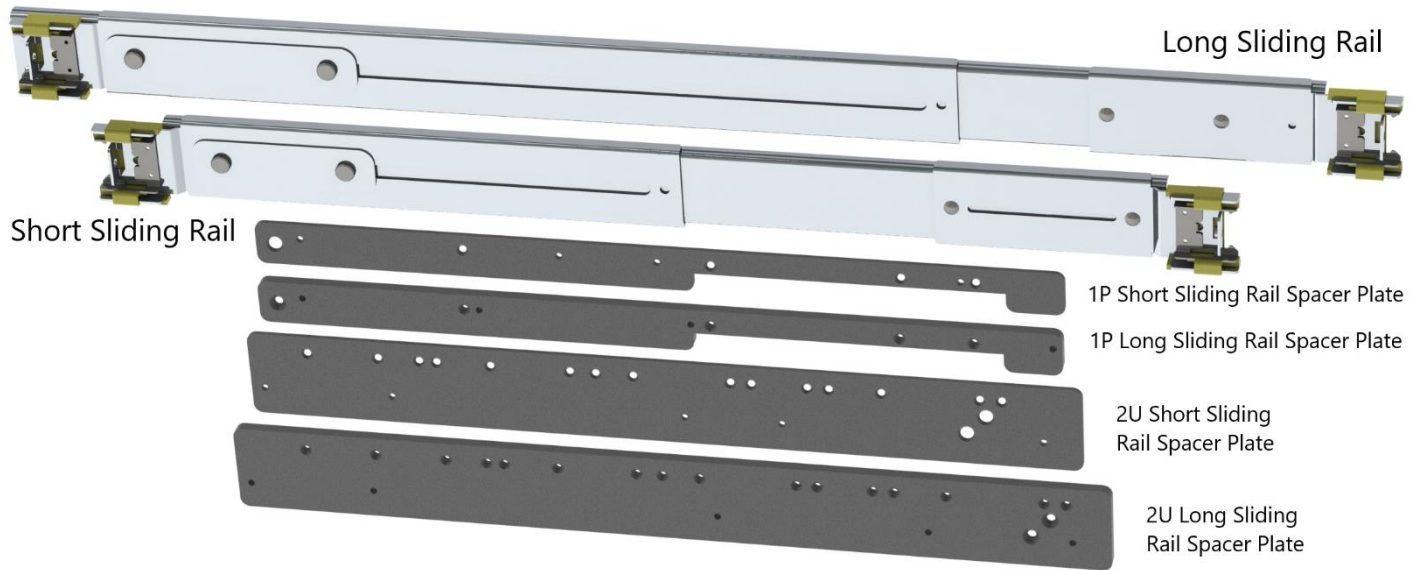
4U Nano



Installation

Pass the Chassis through rack from the front, until the Shouldered Screws on the Rack Support Rails slot into the channels on the Rack Support Brackets. Screw the front of the Chassis into the cabinet rails, but don't fully tighten the screws, allowing the Chassis to move slightly. Fully tighten the Rack Support Brackets, ensuring that the Rack Support Rails remain parallel to each other and centred (not offset to one side). Finally fully tighten the front rack screws.

Telescopic Sliding Rails

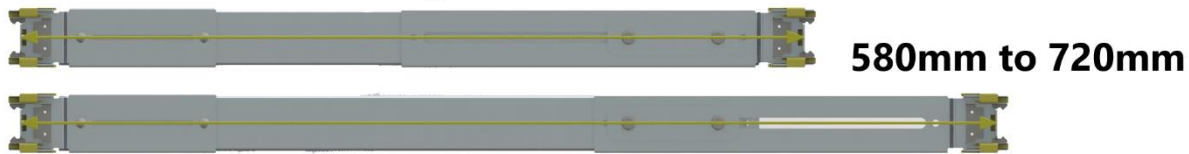


		Pre-installed on Chassis		Fitting Screws
1U Plus	2x Short Sliding Rails	2x 1P Sliding Rail Rack Ears	2x 1P Short Sliding Rail Spacer Plate	8x M3x6mm Countersunk, 2x M4x6mm Countersunk, 8x M4x3mm Button Head
	2x Long Sliding Rails	2x 1P Sliding Rail Rack Ears	2x 1P Long Sliding Rail Spacer Plate	8x M3x10mm Countersunk, 2x M4x10mm Countersunk, 8x M4x4mm Button Head
2U PC	2x Short Sliding Rails	2x 2U Sliding Rail Rack Ears	2x 2U Short Sliding Rail Spacer Plate	6x M3x6mm Countersunk, 2x M4x6mm Countersunk, 10x M4x3mm Button Head, 2x M5 Cage Nuts
	2x Long Sliding Rails	2x 2U Sliding Rail Rack Ears	2x 2U Long Sliding Rail Spacer Plate	6x M3x10mm Countersunk, 2x M4x10mm Countersunk, 8x M4x4mm Button Head, 2x M5 Cage Nuts
3U PC	2x Short Sliding Rails	2x 3U Sliding Rail Rack Ears	2x 2U Short Sliding Rail Spacer Plate	6x M3x6mm Countersunk, 2x M4x6mm Countersunk, 10x M4x3mm Button Head, 2x M5 Cage Nuts
	2x Long Sliding Rails	2x 3U Sliding Rail Rack Ears	2x 2U Long Sliding Rail Spacer Plate	6x M3x10mm Countersunk, 2x M4x10mm Countersunk, 8x M4x4mm Button Head, 2x M5 Cage Nuts
4U Nano	2x Short Sliding Rails	2x 4N Sliding Rail Rack Ears	2x 2U Short Sliding Rail Spacer Plate	8x M3x6mm Countersunk, 10x M4x3mm Button Head, 2x M5 Cage Nuts
	2x Long Sliding Rails	2x 4N Sliding Rail Rack Ears	2x 2U Long Sliding Rail Spacer Plate	8x M3x10mm Countersunk, 8x M4x4mm Button Head, 2x M5 Cage Nuts

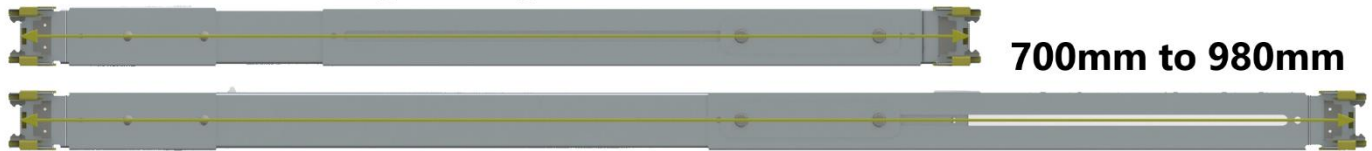
	Rack Rail Instructions		Page 7 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

The Sliding Rails can be mounted in a rack cabinet, with the distance between the front and rear rail uprights:

Short Sliding Rails



Long Sliding Rails



Fitting to Rack

Allocate the sliding rails to the correct side of the rack cabinet (when looking at the front of the cabinet). Look for the LH and RH stamped marks on the inner and middle sliding rails, or an L or R sticker on the outer rails. Before installation; push the yellow plastic lock back, to allow the sprung metal tabs to pinch in during fitment.

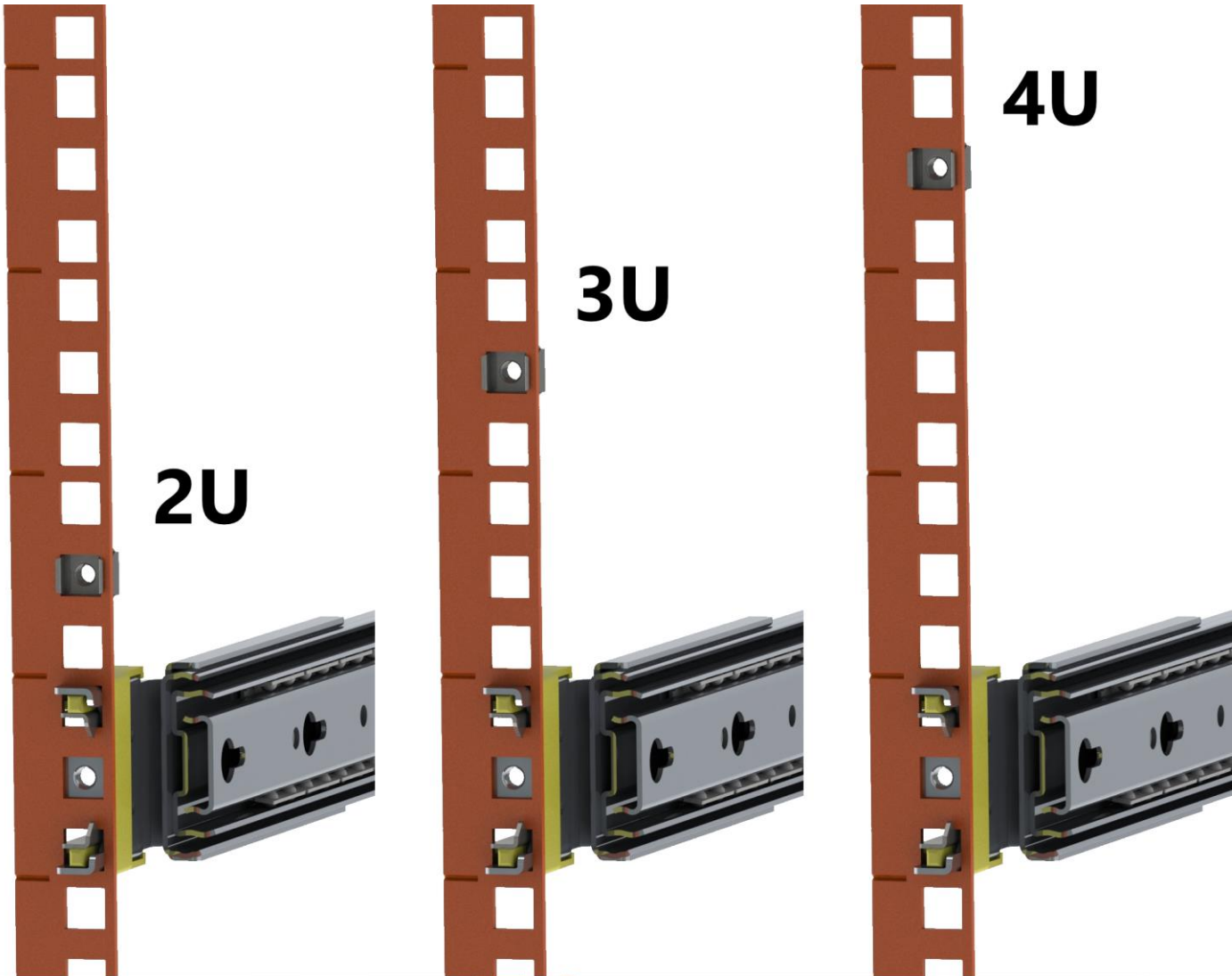


Clip in the rear and front of the rails in the same matter and push the yellow lock forward, securing the rails in place.



	Rack Rail Instructions		Page 8 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

For a 2U/3U/4U installation add M5 cage nuts to the Front Rack Rails in the cabinet, in the positions shown below, with the other handed rail mirroring the position.



Fitting to Chassis

Fully extent the inner sliding rail, until both the inner and middle sliding rails lock, then extract the inner sliding rails by pushing down on the locking lever shown below.



Screw Adapter Plates to the Chassis, then fit the inner sliding rails to the Chassis, ensuring the correct handed rail is used (with the release lever tip at the top of the rail). avoiding bending the exposed ends.

1	Red	M3 Countersunk Screw
2	Green	M4 Countersunk Screw
3	Blue	M4 Button Head Screw

1U Plus with Short Rails

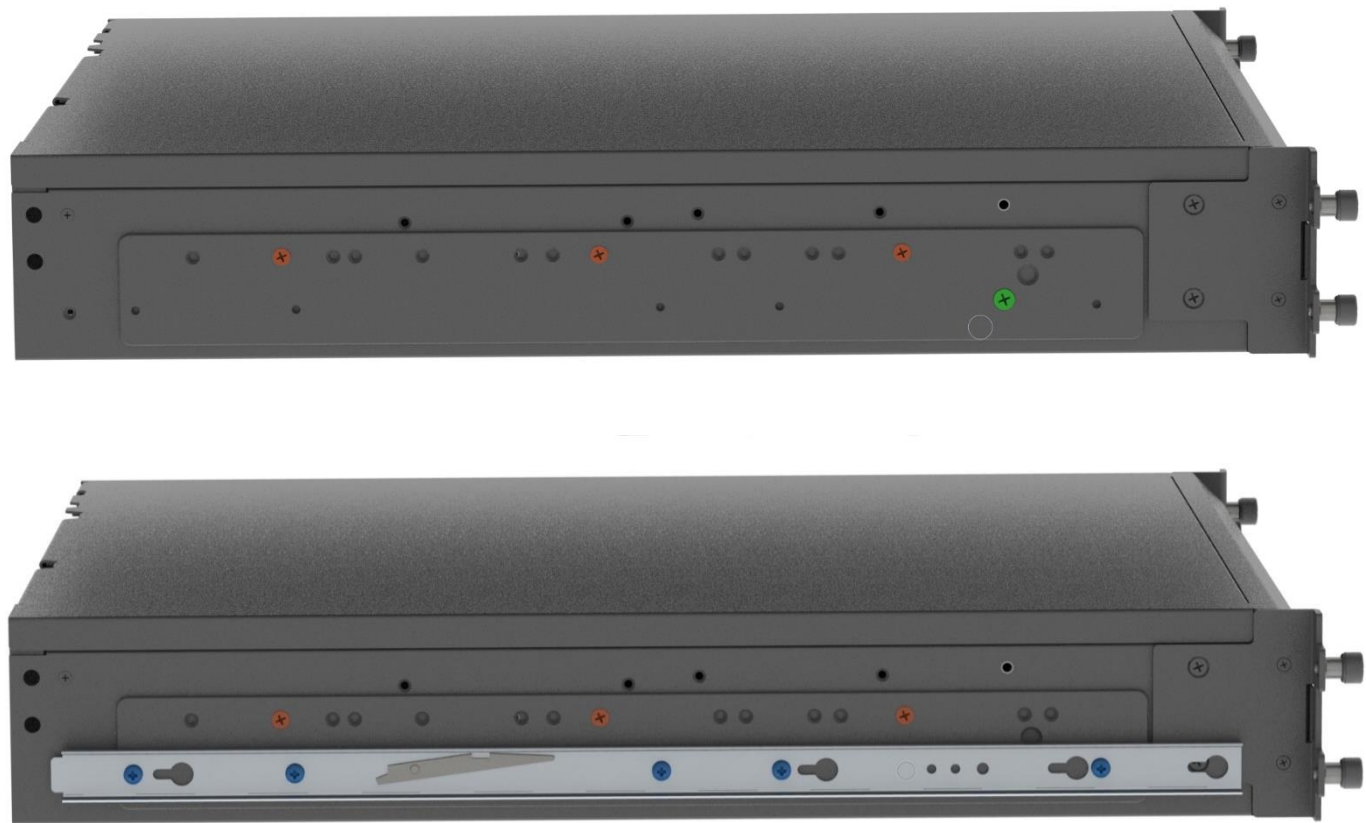


	Rack Rail Instructions		Page 10 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

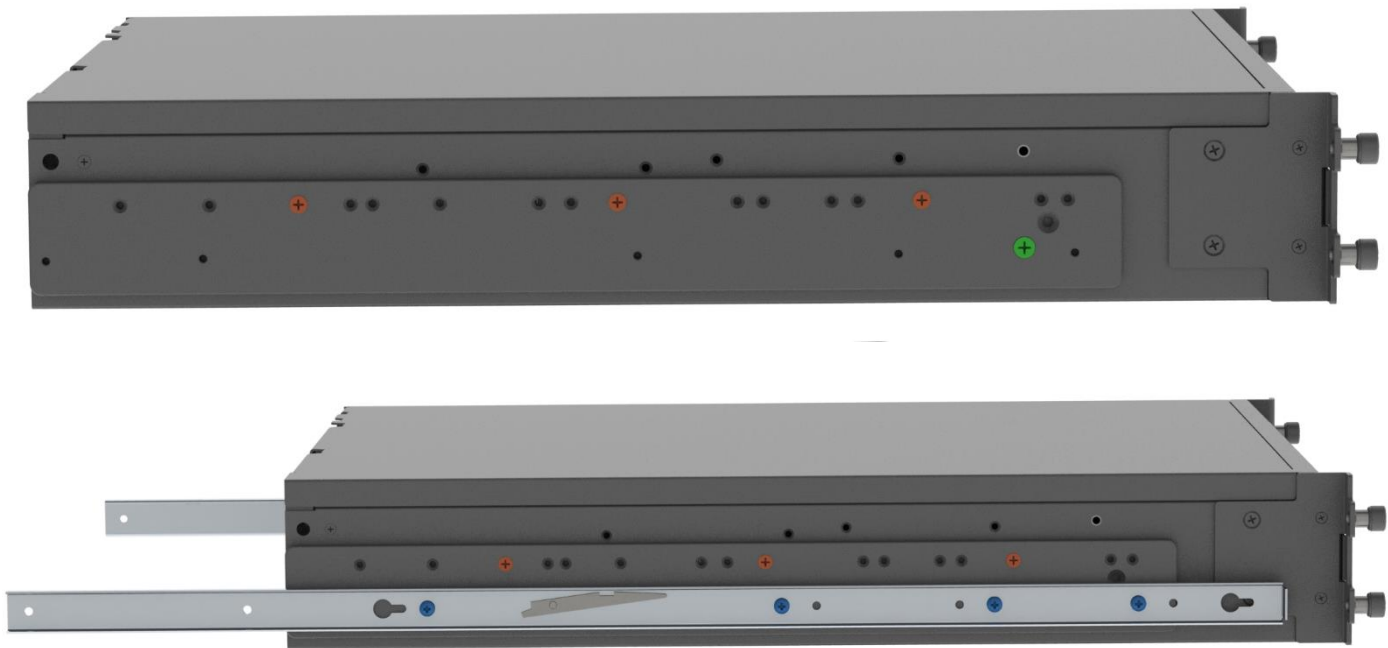
1U Plus with Long Rails



2U PC with Short Rails



2U PC with Long Rails



3U PC with Short Rails



3U PC with Long Rails



	Rack Rail Instructions		Page 12 of 12
Model:	1U PC/Plus, 2U Nano/PC, 3U PC, 4U Nano	Date:	26/02/20

4U Nano with Short Rails



4U Nano with Long Rails



Installation

Ensure both rails are fully extended and locked in place, with the exposed ball bearing races also fully forward and locked.



Guide the inner sliding rail ends into the extended rail channels, then push in the unit. Release the locking tabs on the side, when the unit hits them and push the unit all the way in. Then screw in the Thumb screws at the front of the unit.