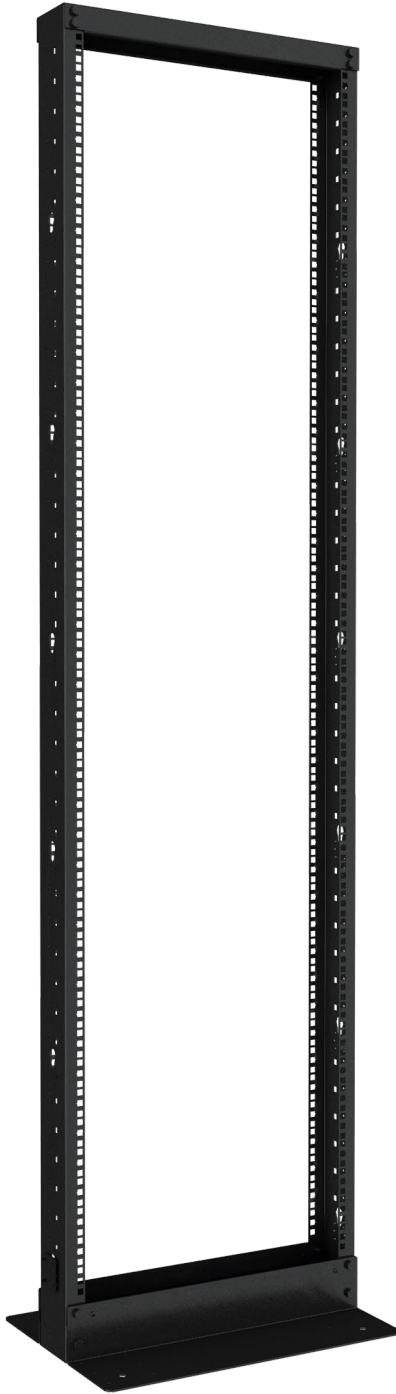




2-post, 19-inch open rack

Steel frame with square holes

NPO-2P25UB
NPO-2P45UB

ProfessionalSeries

IMPORTANT SAFETY INFORMATION

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN LEAD TO
SERIOUS INJURY, DEATH, OR DAMAGE TO YOUR EQUIPMENT.



Carefully read and follow the safety
instructions included in this manual before
assembling and using the unit.

-  **Caution:** this product is heavy, at least two qualified people should perform the assembly procedure. Care must also be taken while moving or positioning the equipment.
-  Do not exceed the recommended load capacity per shelf, and the maximum weight supported by the rack, as specified by the manufacturer's specifications. Failure to comply will void the warranty of this product.
-  Safety measures must be practiced at all times during the assembly of this product.
-  **Caution:** use the recommend tools to avoid damaging the parts.
-  **RACK TIPPING HAZARD:** ensure that the rack is properly anchored to the floor before equipment is installed.



All parts of the unit must be properly grounded to the frame of the rack and connected to the Common Bonding Network [CBN] of your facility.

-  Nexxt solutions does not warrant against damage caused by the use of any Nexxt Solutions structures for any purposes other than those for which it was designed or damage caused by unauthorized attachments or modifications, and is not responsible for any damages, claims, demands, suits, actions, or causes of action of whatever kind resulting from, arising out of or in any manner relating to any such use, attachments or modifications.

1. Introduction

Thank you for purchasing the two-post open rack from Nexxt Solutions. Available with 25 and 45 rack spaces, these units are constructed of heavy-duty steel, allowing the safe integration of networking equipment and additional accessories in environments or areas that do not require a lockable rack solution. Designed for easy deployment in high-load and high-density infrastructures, this metalwork component is ideal for housing diverse IT equipment and other voice/data devices where space is at a premium. Easy to install and to assemble, our open racks offer a cost -eff effective solution for applications requiring increased flexibility, accessibility, and cable management capabilities.

Main features

- 2-post, floor-standing open frame rack
- Supports stationary loads of up to 992lb (450kg)
- Ample ventilation and unobstructed airflow keep your equipment at room temperature
- It provides a convenient solution with easy access to your cabling, IT and communications components
- Front and rear equipment installation for larger networking systems
- Numbered square-hole mounting positions for faster attachment of 19-inch components
- Powder coat finish prevents damage caused by rust and other external factors

For support and to find out more about our complete line of products and solutions, we invite you to visit us at nexxtsolutions.com.

2. Preliminary steps

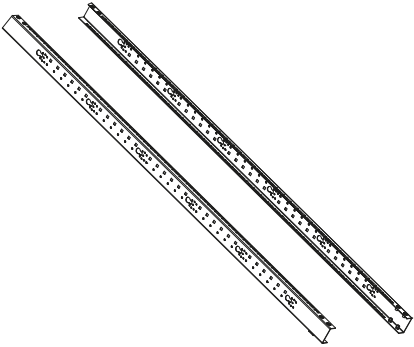
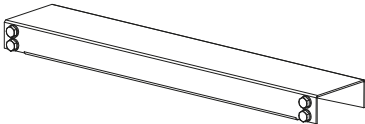
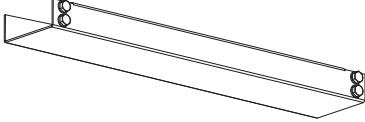
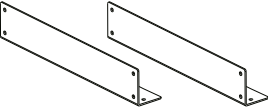
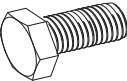
- Prior to installing this product, you must read all instructions thoroughly.
- Keep these instructions handy in an easily accessible location for future reference. .
- A clean, flat, level, protected floor area should be provided for rack assembly to prevent damage to parts.
- The installers may need to have the following items and tools available to assemble and install the rack. They are not included in the box.

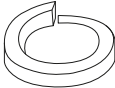
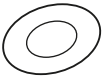
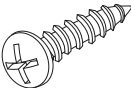


1. Phillips screwdriver
2. Power drill with the following bits:
M8 hexagonal-head tip
3. M8 hex to square socket adaptor
4. Pair of gloves
5. Long nose pliers
6. Cleaning towel
7. 3mx2m mat or padded surface

3. Product overview and components

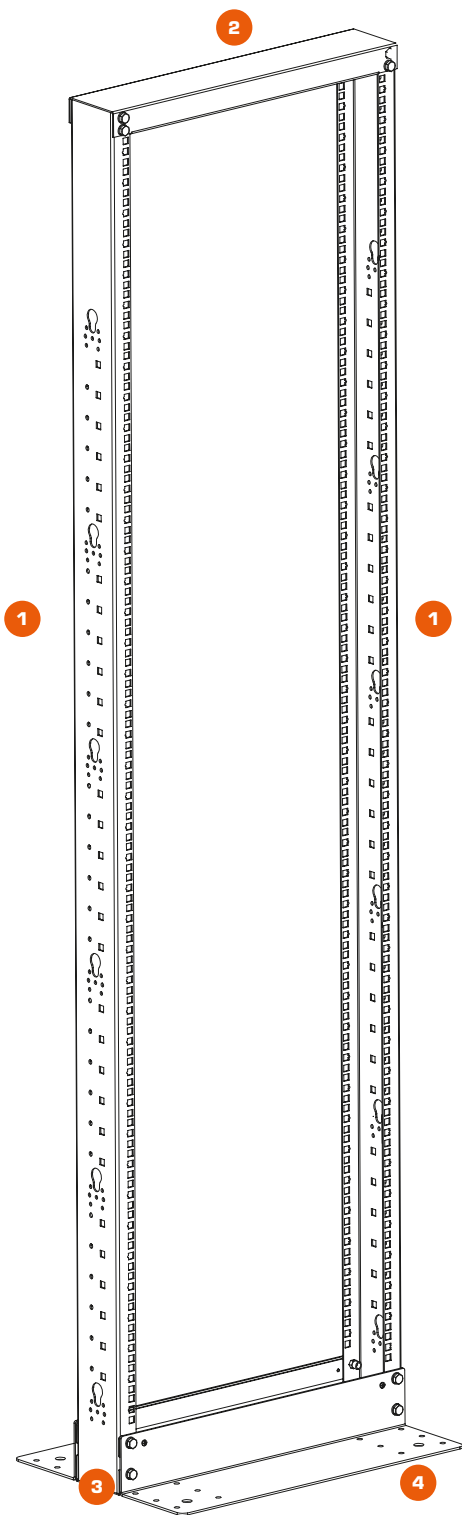
Upon opening the box, make sure to inspect and account that all the items listed below are included.

Part ID	Item	Quantity		Image
	Rack assembly components			
1	Vertical rail	2		
2	Top support bracket	1		
3	Bottom support bracket	1		
4	Base stand with holes for anchoring	2		
5	Base extension plate	2		
	Rack assembly hardware	Quantity		
		25U	45U	
6	M8x16mm hexagon bolt	16	16	

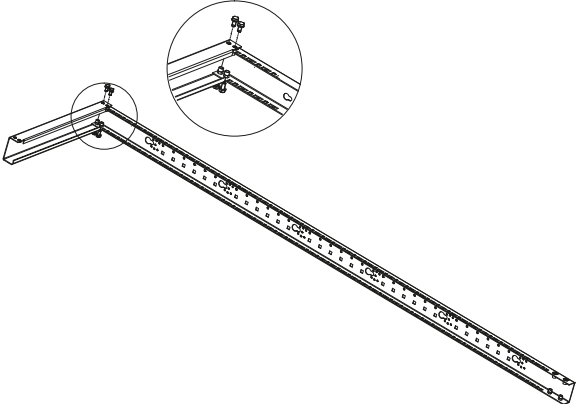
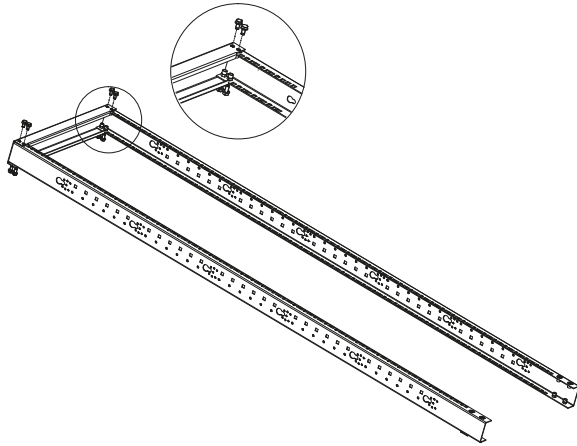
	Rack assembly hardware (continued)	Quantity		
		25U	45U	
7	M8 flat metal washer	16	16	
8	Combination wrench M8 (13mm)	1	1	
9	M10x80mm anchoring bolt	4	4	
10	Split-lock washer (anchoring)	4	4	
11	Flat metal washer (anchoring)	4	4	
12	M10 nut (anchoring)	4	4	
	Equipment mounting hardware			
13	M8 cage nut	20	40	
14	M8 plastic flange washer	20	40	
15	M8x12mm phillips-head screw	20	40	
16	M4 phillips self-tapping screw	8	14	
17	Cable management hook	8	14	
18	User manual	1	1	

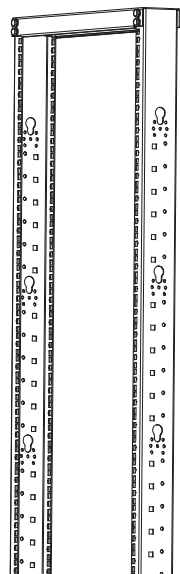
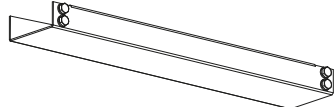
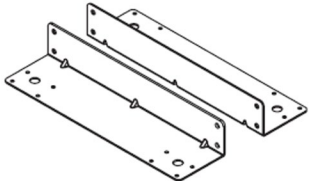
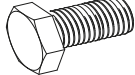
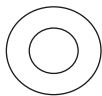
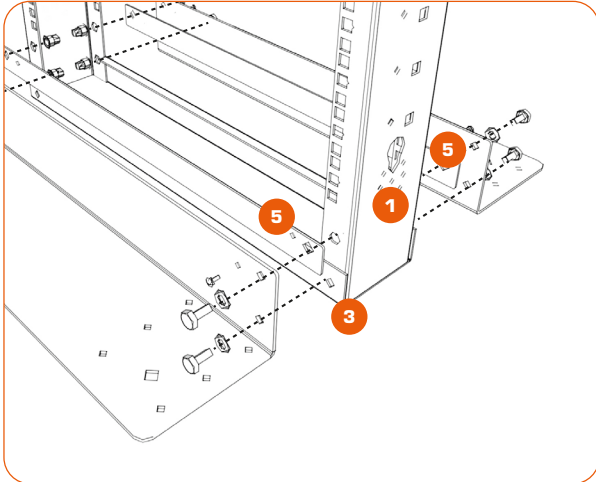
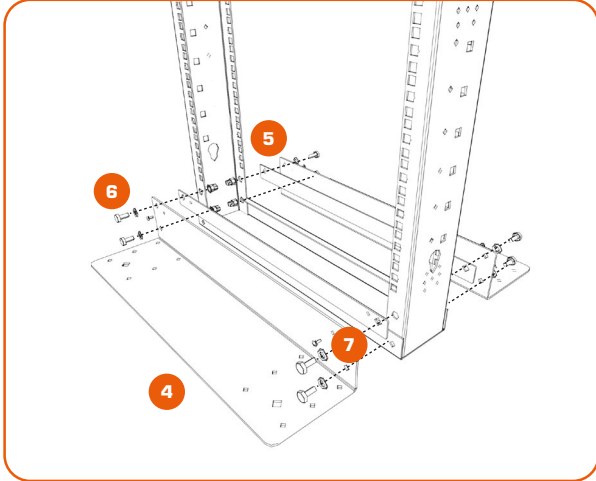
4. Assembly procedure (recommended)

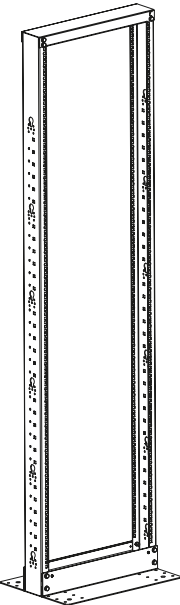
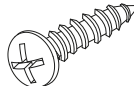
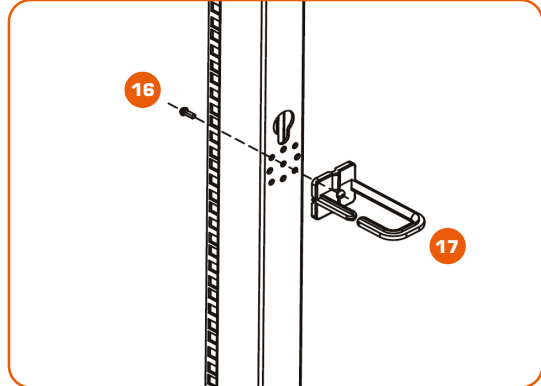
Upon opening the box, inspect the contents to ensure that all the items listed above are included:



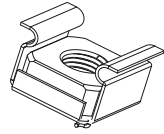
- The illustration provides a view of all the rack components you are about to put together.
- Open the boxes and verify that all parts, hardware and accessories are included in the package.
- Inspect the rack components and identify each individual part to ensure proper assembly of the unit.

Phase	Required parts	Step
1	2 Top support bracket (1) 1 Vertical rails (2) 6 M8x16mm hexagonal bolts (8) 7 M8 metal washers (8) 8 M8 combination wrench (13mm)	Top frame subassembly 1. Align the top bracket with the holes on the left vertical rail and secure it using the M8 bolts and washers.  2. Repeat the same instruction to complete the right side.  Note: If necessary, lay the subassembly down on a flat surface to attach the top bracket. Make sure not to fully-tighten the bolts until all fasteners have been installed.

	Top bracket subassembly  2 3  Bottom support bracket (1) 5  Base horizontal plates (2) 4  Base stand with holes for anchoring (2) 6  M8 hexagonal bolts (8) 7  M8 flat metal washers (8)	Bottom frame assembly 1. Using the top bracket subassembly, align the vertical rail with the bottom bracket, base extension plate and base stand. 2. The mounting hole of the extension plate must be placed upward. 3. Next, install the M8 bolts and washers to secure all parts together.  4. Repeat the same step for the other side.  Note: In this stage, firmly tighten all the bolts to properly secure, align and square off the unit. You can use the supplied self-tapping screws to further stabilize the unit.
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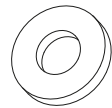
	Rack frame assembly  3 16  M4 phillips self-tapping screws (8 or 14) 17  Cable management hooks (8 or 14)	Installation of the cable management hooks 1. At this point, place the rack in the upright position. Note: at least two people are required for lifting up the structure, for safety reasons. 2. Align the cable management hooks with the cable management screw holes along the side of the rack in the preset mounting locations, while keeping the hook openings pointing sideways. Refer to the image below.  3. Use the self-tapping screws to fasten the hooks to the rails.
4	9  Anchoring bolts (4) 10  Split-lock washers (4) 11  Metal washers (4) 12  M10 nuts (4)	Anchoring of the structure 1. At this point, we highly recommend securing the base stand with the pre-drilled holes to the floor, in order to comply with safety requirements. 2. Use the provided anchoring bolts which are specifically designed to stabilize and secure the unit upright to a concrete or hard surface in your workspace.

13



M8 cage nuts (20 or 40)

14



M8 plastic flange washers (20 or 40)

15

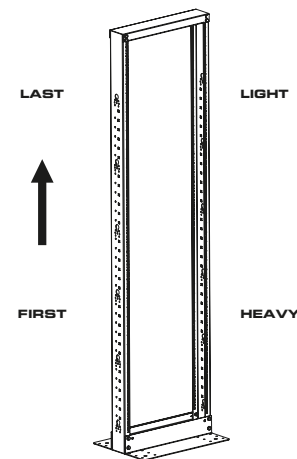


M8x12mm phillips-head screws (20 or 40)

Equipment installation

The rack is now assembled and ready for equipment installation.

1. Do not install any equipment until you have stabilized the structure.
2. Always load the heavier items at the bottom first, followed by the lighter equipment at the top of the rack, for safety reasons.



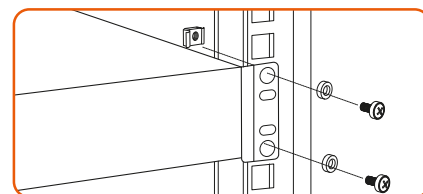
3. On the already installed vertical rails, count up the square holes and insert an M8 cage nut in each square hole, with the tabs facing inward.

4. Repeat this procedure until all M8 cage nuts are installed in the square holes of the front and back rails.

5. Align the equipment or component that will be mounted on the square location where the cage nut has been inserted.

6. Proceed to insert the M8 phillips-head screws and plastic flange washers from the inside through the vertical mounting rails and into the nuts you installed in the previous step.

7. Tighten the screws to secure the equipment to the vertical rails.



Note: the square holes on the vertical rails are numbered to easily identify each mounting location.

8. Run your cables through the hooks to keep them accessible and organized.

Notes

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Notes

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