

# XOS IRD Rack

Installation Guide

Revision C — January 26, 2022

## XOS IRD installation

- ⚠️ If you plan to use the HP rack rails that come with the HP server (XOS IRD), it requires a four-post rack.
- The back posts need to be at least 24 inches from the front posts to mount the rails properly.

1. Install the IRD slide rails into the rack as indicated in the HP rails document at the following link: [https://support.hpe.com/hpesc/public/docDisplay?docId=emr\\_na-c03831278](https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-c03831278).
2. Install the XOS IRD onto the rails per HP document.

- ⚠️ When installing the IRD on the slides, make sure to have two people perform the task due to the weight of the IRD.  
Insert the back of the IRD onto the rack rails first as shown below and lower the IRD onto the other clips.

3. The back the IRD slides should be inserted first (labeled p4 on the slide), then lowered toward the front of the rails (labels p3, p2, and p1). Make sure that all the clips are properly inserted into the rack rails.



4. Lower the slides toward the front of the rails (p3, p2 p1).



- ⚠️ Once the IRD is installed on the rack rails, slide the unit back into the rack, and it will lock into place.

## Specifications

- [Environmental specifications](#)
- [Power requirements](#)
- [Appliance, physical unit specifications](#)

### Environmental specifications

- Operating temperature: 10°C to 35°C (50°F to 95°F)
- Non-operating: -30°C to 60°C (-22°F to 140°F)
- Operating humidity 8% to 90%
- Product Materials EMC Class A: FCC, CE, VCCI, KC, CCC, TCVN, C-Tick, BSMI
- Product safety: US/CA NRTL, CB Scheme, BIS, CCC, EAC, BSMI
- Other regulatory: EU RoHS, China RoHS, EU REACH, WEEE

### Power requirements

- Redundancy: Dual redundant power supplies.
- Hot-swappable 100/240 VAC power in 50/60 Hz.
- Maximum power at room temperature: 440W.
- At maximum temperature (35°C): 500W.

### Appliance, physical unit specifications

- Appliance commercial off-the-shelf servers with built-in RF and ASI interfaces.
- Flexible, full software-based appliance.
- Unit size 1-RU dimensions (HxWxD): 4.3 x 43.5 x 70.7 cm (1.7 x 17.1 x 27.8 in)
- Weight: 15 kg (33 lbs).

## Rack requirements

The XOS IRD requires a 4-post rack to properly use the HP-supplied rack rails. The minimum distance between the front and back post is 24 inches.

If your racks do not meet these requirements, use the following options to properly install the HP supplied rack rails:

- [Four-post racks that are less than 24 inches deep](#)
- [Two-post rack option for XOS IRD](#)

### Four-post racks that are less than 24 inches deep

2U server rack shelf - universal rack mount cantilever shelf.

- Heavy duty steel
- Weight capacity: 50lb/23kg
- 22-inch deep tray, black



### Two-post rack option for XOS IRD

2U server rack shelf - universal rack mount cantilever shelf.

- Heavy duty steel
- Weight capacity: 50lb/23kg
- 22-inch deep tray, black

