LinkPro™

Standard Server Rack
Part Number： LPRSXXXXXXXX

Front   **Rear**

Product Description

The standard server rack is a frame or enclosure used to house and organize various types of electronic equipment, including servers, networking devices, and other IT hardware.
The racks are designed to provide a structured and secure environment for equipment, ensuring proper ventilation, cable management, and ease of access for maintenance.

The racks are essential for maintaining efficient, secure, and reliable operations in data centers, telecommunications, and other IT-heavy environments.

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Feature & Benefit

■ **19-Inch Standard structure design**
   Hight: Available for 42U,45U and 48U
   Width: Available for 600mm and 800mm,
   Depth: Available for 1000mm and 1200mm

■ **Maximum capacity**
   Static load: Max.2000KG
   Dynamic load: Max. 600KG

■ **Easy equipment mounting**
   Adjustable mounting rails to supports equipment of varying depths.
   Enough space on each side for vertical PDU mounting

■ **Support for efficient cooling**
   Mesh Front and Rear Doors to enhances airflow for cooling.
   Honeycomb mesh design, ventilation rating >65%
   Active cooling system on top of the rack (option)

■ **Security for device Lockable Doors and Panels**
   Lockable Doors and side Panels
   Mechanical lock, Smart Lock, Electronic Lock with fingerprints, keycards
   or password are options for front door

■ **Cable Management Systems**
   Keeps servers, switches, and other devices neatly arranged and accessible.
   Includes trays and vertical/horizontal managers for organized cabling.

■ **Ready for deployment**
   Casters: Enables easy movement and repositioning
   Leveling Feet: Stabilizes the rack on uneven surfaces

■ **Package for deliver**
   Pre-assembled package
   Bulk Parts package

■ **Compatibility with Industry Standards**
   ANSI/EIA RS-310-E
   IEC60297-3-100
   DIN41491:PART1
   DIN41494:PART7
   GB/T 3047.2-92

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Product outline
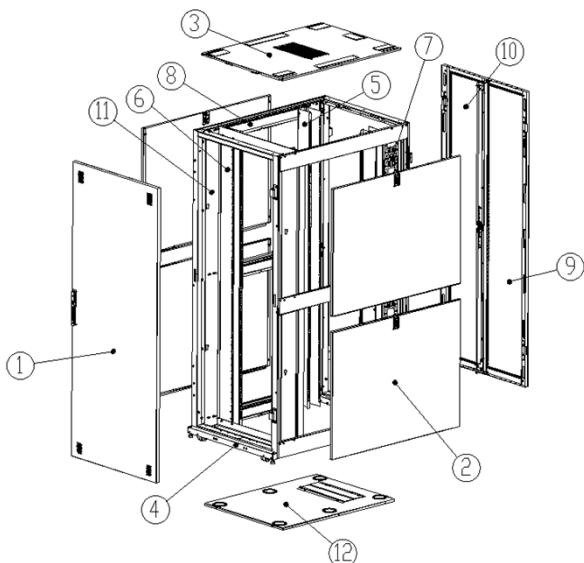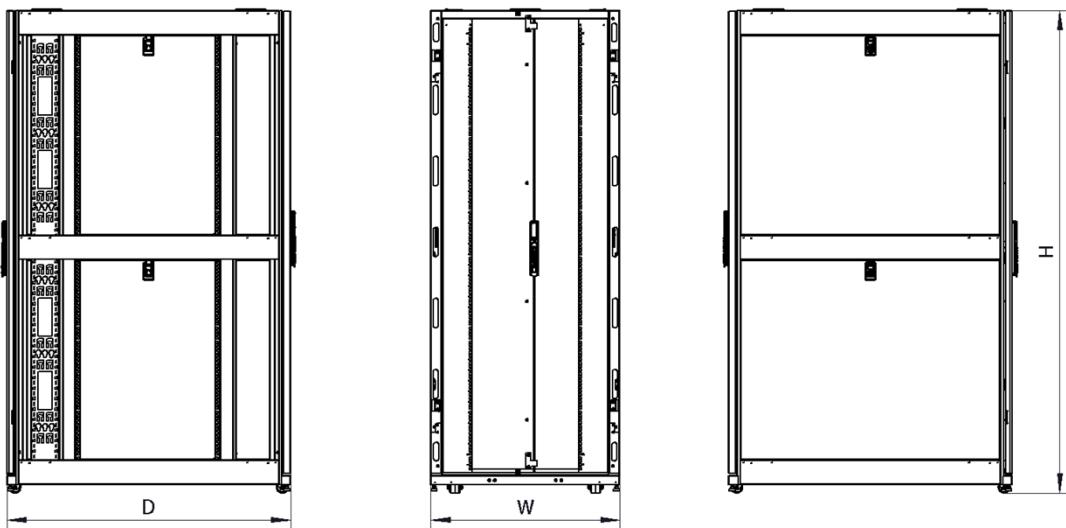
Item	Part	Qty
1	Front Door	1
2	Side panel	4
3	Top cover	1
4	Frame	2
5	Right Upright Rail	2
6	Left Upright Rail	2
7	Cable Manager	2
8	Beam	6
9	Left Rear Door	1
10	Right Rear Door	1
11	Wind Shield	1
12	Bottom panel	1

Specifications

Model	Height(H)	Width(W)	Depth(D)	Weight	Dynamic load	Static Load
42HU	2023mm	600mm	1000mm	130kg	600kg	1600kg
		600mm	1200mm	135kg	600kg	1600kg
		800mm	1000mm	150kg	600kg	1600kg
		800mm	1200mm	160kg	600kg	1600kg
45HU	2155mm	600mm	1000mm	135kg	600kg	1600kg
		600mm	1200mm	145kg	600kg	1600kg
		800mm	1000mm	160kg	600kg	1600kg
		800mm	1200mm	170kg	600kg	1600kg
48HU	2290mm	600mm	1000mm	160kg	600kg	2000kg
		600mm	1200mm	170kg	600kg	2000kg
		800mm	1000mm	175kg	600kg	2000kg
		800mm	1200mm	185kg	600kg	2000kg

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Environmental Temperature

Item	Value
Operation temperature range	-5℃ to +60 ℃
Storage temperature range	-20℃ to +60℃
IP Rate	IP20
RoHS 2011/65/EU	compliant

Ordering information

LPRS XX X X 1 – 1 XX X – (X X X)

1   2   3   4   5   6   7   8   9   A

1 Height
42: 42U
45: 45U
48: 48U

2 Width and Depth
1: 600x1000, mm
2: 600x1200, mm
3: 800x1000, mm
4: 800x1200, mm

3 Front Door (Single)
1: Plexiglass door
2: Tempered glass door
3: Mesh door

4 Rear Door
1: Double Mesh door

5 Material
1: SPCC

6 Color
BK: Black (RAL9005)
WH: White (RAL7032)

7 Package
1: Bulk Parts
2: Pre-assembled

8 Lock type (Option)
0: Standard lock (Default)
1: Smart lock
(Fingerprint, password and IC card)
2: Remote control Smart lock

9 Fan type (Option)
0: Null
1: 2 Fan(190CFM/PCS、120mm x 120mm)
2: 4 Fan(190CFM/PCS、120mm x 120mm)
3: 2 Fan with temperature control
4: 4 Fan with temperature control

A PDU type (Option)
0: Null
1: PDU IEC320 C19,16A, 6 ports
2: PDU IEC320 C13,16A, 8 ports
3: PDU IEC320 C13,16A, 12 ports
4: PDU IEC320 C13,32A, 24 ports
5: PDU IEC320 C19,32A, 24 ports

NOTES:

When the last three codes(xxx) is defined as 000, these three codes need to ignore.

Draft	Check	Approve	Date		Rev.	ECN	Name	Date
					01			