

Server Rack, which is used to install the 19" standard equipment like server, monitor, UPS, and non-19" standard equipment, having high requirements to its depth, height, loading capacity etc. In general, width is 600mm, 800mm and 1000mm, depth is 800mm and 1000mm. Due to big heat dissipation of internal equipment, front and rear doors are with ventilation holes. It is composed of framework and cover plate (door), placing on the ground. It provides adaptable environment and protection to make electronic equipment work normally. This product has good rigidity, strength and good performance of electromagnetic isolation, grounding, noise isolation, ventilation and cooling. Furthermore, it also has anti-vibration, shockproof, anticorrosion, dustproof, waterproof, anti-radiation and other properties in order to ensure equipment work stably and reliably.



■ 19" mounting angle with scale enables users to precisely locate profile.



■ 19" zinc coated profile with scale.



■ Multi-function cable manger is available in the rear.



■ Safty Warning label.



■ Cable Entrance in the bottom is ajustable.



■ Cable manager with cover is available for 800mm width cabinet .



## Application

Standard racks 27U, 32U, 38U, 42U & 47U, mainly used in computer room of finance, securities, data centers, specifically designed for servers, providing a good-performance and stable working environment for equipment inside. It has been widely adapted by professional server vendors. The server cabinet series possesses an elegant design which reflects the rock's ability to manage servers and accessories.

## Main Material

All is made of high-quality SPCC Cold Rolled Steel

### Thickness:

frame: 1.5mm

Square-hole post: 1.5-2.0mm

Side door: 1.0mm

Shelf board: 1.2mm

**Color:** RAL 9004 (black) or RAL7035 (grey)



## Feature

### Surface finish:

The rack includes a powder coating surface finish which ensures it remains grease and corrosion free. The surface finish complies with relevant ROHS requirements.

### Ventilation:

The server rack includes a perforated and curved Front door, which can be easily removed when required. The rear door of the rack is double opening, while both side doors split in to 2 parts.

### Options:

Fan tray: standard 4 fans and optional 6 fans.  
Vertical Cable Manager: for cabinet width 800mm and 1000mm.

### Cabling:

The rack possesses several adjustable cable routings channels within the top and bottom of the rack. In addition, both sides of the rear panel are fitted with cable management routing holes at the bottom.

### Structure:

The rack can be fitted with castor wheels and Supporting feet if required. The maximum static holding of the rack is 1000kgs or 1300kgs.

### Standard:

Comply with ANSI/EIA RS-310-D, IEC60297-2, DIN41494 PART 1 and DIN41494 PART 7  
IP rating: IP30 or IP42

\* Rack's size (width\*depth) can be customized according to customer's requirements.

## Product Standard Configuration

S/N	Specification	Qty	Material	Surface Finish	Remark
1	Rear door	1	----	----	See front & rear door type
2	Side panel	4	SPCC t1.0	Powder coated	
3	19" rails	4	T2.0	Zinc plated	
4	Front beam	2	SPCC t1.5	Powder coated	
5	Top cover	1	SPCC t1.2	Powder coated	
6	Side frame	2	SPCC t1.2	Powder coated	
7	Cable management slot	2	SPCC t1.0	Powder coated	Only used for 800 width cabinet
8	Front door	1	----	----	See front & rear door type
9	Mounting spacer	4	T2.0	Powder coated	Only used for 800 width cabinet
10	Bottom	1	SPCC t1.0	Powder coated	
11	Caster tray	2	SPCC t2.0	Powder coated	
12	2" heavy duty castor	4	----	----	----
A	M12 adjustable feet	4	Steel	Zinc plated	
B	M6 screw& nuts	20/40	Steel	Zinc plated	40pcs for over 33U

## Front and Rear Door



### Front & Rear Door

- Tempered glass door with striped hole
- Small lock/Long-handled lock
- Reversible right- or left-handed doors
- Turning angle is over 180 degrees
- Material: Sheet steel and 4MM safety glass
- Surface Finish: Powder coated

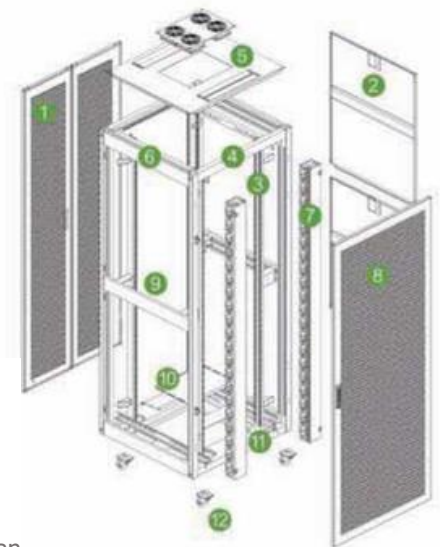
### Front & Rear Door

- High-density vented door, slotted surface
- Small lock/Long-handled lock
- Reversible right- or left-handed doors
- Turning angle is over 180 degrees
- Material: Sheet steel
- Surface Finish: Powder coated

### Front & Rear Door

- High-density vented double opened damper
- Small lock/Long-handled lock
- Reversible right- or left-handed doors
- Turning angle is over 180 degrees
- Material: Sheet steel
- Surface Finish: Powder coated

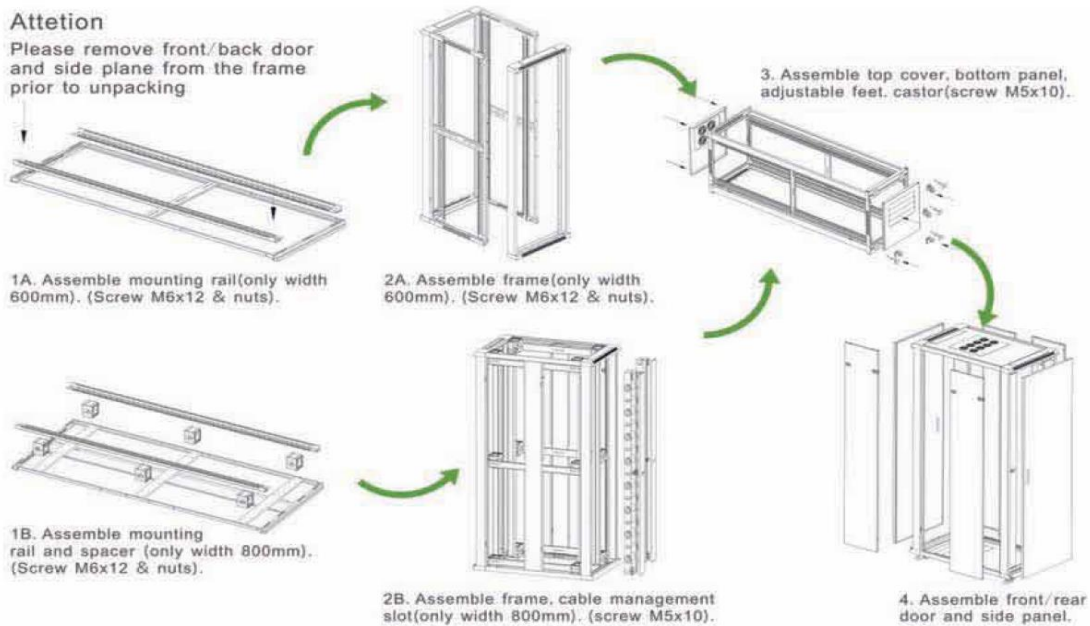
## Structure Diagram



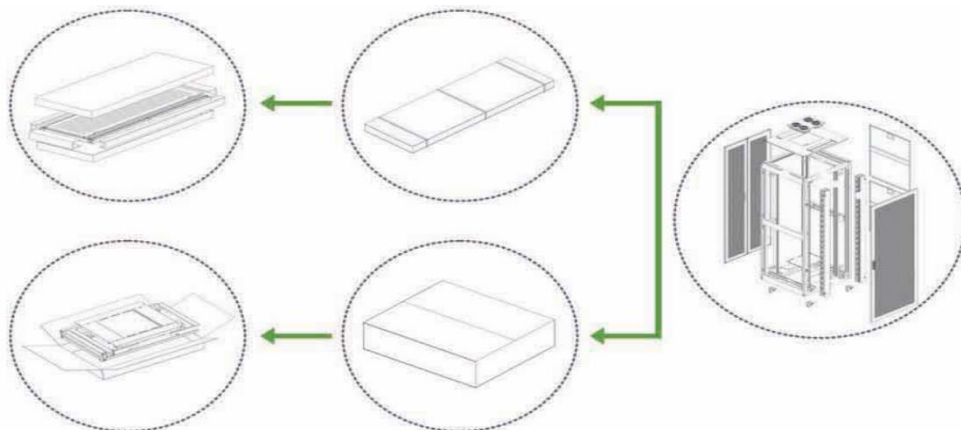
## Optional Accessories



## Assembling Diagram



## Packing Diagram



## Ordering Information

Product Code	Description
LN-DW-27U-SRx-68	Floor Stand Server cabinet 600*800 27U, 19" single front door
LN-DW-27U-SRx-68-D	Floor Stand Server cabinet 600*800 27U, 19" double front door
LN-DW-27U-SRx-88	Floor Stand Server cabinet 800*800 27U, 19" single front door
LN-DW-27U-SRx-88-D	Floor Stand Server cabinet 800*800 27U, 19" double front door
LN-DW-27U-SRx-810	Floor Stand Server cabinet 800*1000 27U, 19" single front door
LN-DW-27U-SRx-810-D	Floor Stand Server cabinet 800*1000 27U, 19" double front door
LN-DW-32U-SRx-68	Floor Stand Server cabinet 600*800 32U, 19" single front door
LN-DW-32U-SRx-68-D	Floor Stand Server cabinet 600*800 32U, 19" double front door
LN-DW-32U-SRx-88	Floor Stand Server cabinet 800*800 32U, 19" single front door
LN-DW-32U-SRx-88-D	Floor Stand Server cabinet 800*800 32U, 19" double front door
LN-DW-32U-SRx-810	Floor Stand Server cabinet 800*1000 32U, 19" single front door
LN-DW-32U-SRx-810-D	Floor Stand Server cabinet 800*1000 32U, 19" double front door
LN-DW-38U-SRx-68	Floor Stand Server cabinet 600*800 38U, 19" single front door
LN-DW-38U-SRx-68-D	Floor Stand Server cabinet 600*800 38U, 19" double front door
LN-DW-38U-SRx-88	Floor Stand Server cabinet 800*800 38U, 19" single front door
LN-DW-38U-SRx-88-D	Floor Stand Server cabinet 800*800 38U, 19" double front door
LN-DW-38U-SRx-810	Floor Stand Server cabinet 800*1000 38U, 19" single front door
LN-DW-38U-SRx-810-D	Floor Stand Server cabinet 800*1000 38U, 19" double front door
LN-DW-42U-SRx-68	Floor Stand Server cabinet 600*800 42U, 19" single front door
LN-DW-42U-SRx-68-D	Floor Stand Server cabinet 600*800 42U, 19" double front door
LN-DW-42U-SRx-88	Floor Stand Server cabinet 800*800 42U, 19" single front door
LN-DW-42U-SRx-88-D	Floor Stand Server cabinet 800*800 42U, 19" double front door
LN-DW-42U-SRx-810	Floor Stand Server cabinet 800*1000 42U, 19" single front door
LN-DW-42U-SRx-810-D	Floor Stand Server cabinet 800*1000 42U, 19" double front door
LN-DW-47U-SRx-68	Floor Stand Server cabinet 600*800 42U, 19" single front door
LN-DW-47U-SRx-68-D	Floor Stand Server cabinet 600*800 42U, 19" double front door
LN-DW-47U-SRx-88	Floor Stand Server cabinet 800*800 42U, 19" single front door
LN-DW-47U-SRx-88-D	Floor Stand Server cabinet 800*800 42U, 19" double front door
LN-DW-47U-SRx-810	Floor Stand Server cabinet 800*1000 42U, 19" single front door
LN-DW-47U-SRx-810-D	Floor Stand Server cabinet 800*1000 42U, 19" double front door

**\* Note:**

x=G for the Tempered glass door  
 x=V for the Vented door

**Notice:** The data in this document are only reference and will be changed without any notice.  
 This specification is intended as a guide only.