



The most professional Data center

Equipment solution supplier in China-Tuxin

What is Data center equipment or containment ?

©Tuxin Data center equipment is a method used to optimize the cooling efficiency of data centers. By managing the flow of hot and cold air, it ensures that IT equipment is cooled effectively, reducing energy consumption and prolonging the life of the equipment.

©Tuxin Data center solution purpose is to improve the utilisation rate of the cold air , save energy and reduce operation cost through airflow management, reduce the PUE value of the whole data centre, and build an optimized IT operation micro-environment;

©Tuxin's Data center equipment consists of modular server rack, Roof ceiling system, Aisle sliding doors, integrated wiring devices and functional accessory systems.

T-SC Standing Server Rack



74.8%
perforated single
door



74.8%
perforated double
door



RAL9005 or
RAL7035



Static loading
1500KG



19"



IP20



Modularization

Product Overview

Tuxin's 42U server rack with 1500-2000kg loading capacity, it's often used in large data centers , providing additional cable tray at the rear for cable management and 78% ventilation rate front-to-rear airflow solutions.

Features for 600mm width server rack

1



74.8% Perforated front Door

Single flat mesh front door with hexagonal hole with 78% ventilation rate

Honeycomb mesh design with 1 wing, ≥ 2 hinge positions; capable of being disassembled; opening angle ≥ 120 degree

2



74.8% Perforated Rear Door

Split flat mesh rear door with hexagonal hole with 78% ventilation rate

2-wing honeycomb mesh design; ≥ 2 hinge positions; capable of being disassembled; opening angle ≥ 120 degree

3



Top cover

Roof top with cable entry plates, The cable access covered with plastic cap (brush panel is optional), OEM according customer requirements

4



Side panel

2 pairs of side panels, Side panel with latches and key lock. Split design (top & bottom) for easy handling and installations. (The plate is sealed and has a lock/latch to ensure it is tightly attached to the cabinet frame without using screws or rivets.)

5



EIA310 19" Mounting Rails

4x19" vertical mounting rails Meets EIA310 standard compliant 483mm, The U markings are printed on both (front & rear) side on each EIA rails. 19" x 42U numbered from low to high. Capable of securely attaching front and back devices. Can be moved vertically parallel to fit the size of the device

6



VERTICAL PDU / CABLE TRAY

2pcs Vertical cable trays with 2 PDUs mounting, Toolless mounting slots for Vertical PDU/cable manager

(There is a position to install 4 PDU rack power bars without affecting the server mounting position, Power bar installed on the back of the cabinet (rear))

7



Baying kit, 4 pcs (bundled with rack)

The accessory set connects the racks close together to form a row of linked cabinets.

8



Ground wire to connect between cabinet frame and cabinet door

9



Adjustable leveling feets and Heavy duty caster, 1500 to 2000KG loading capacity.

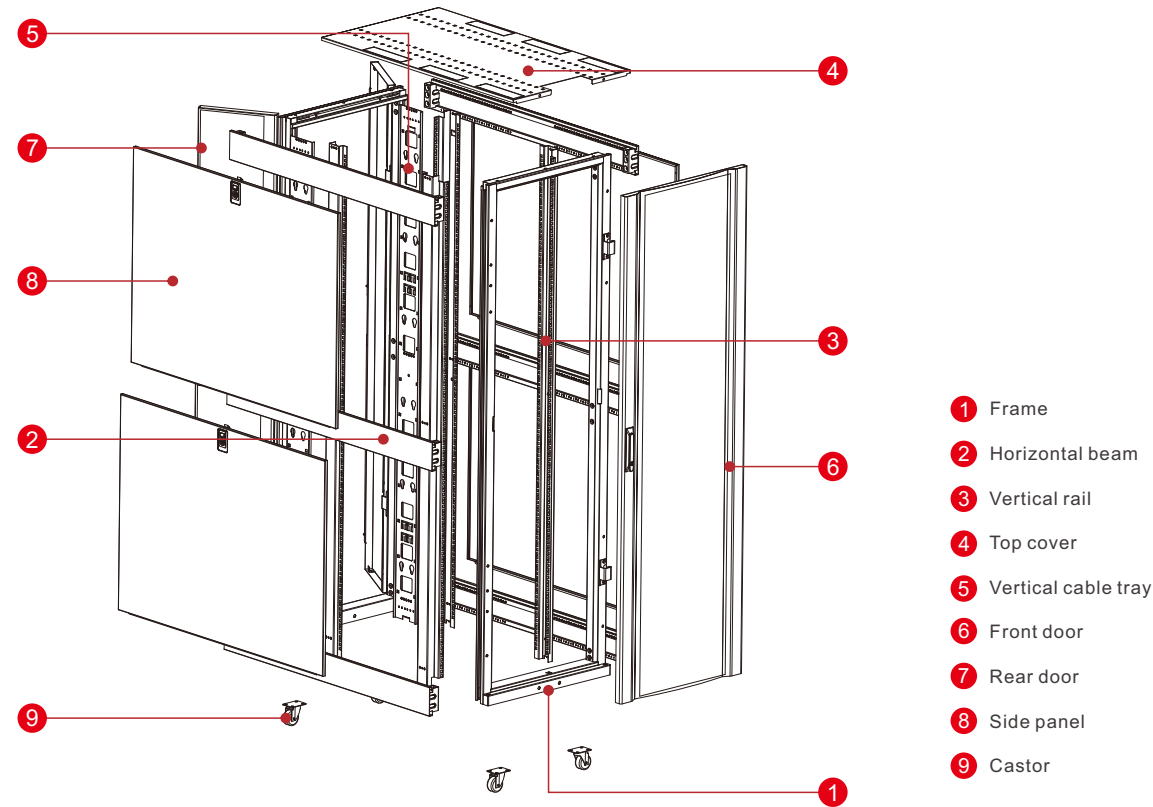
Features for 800mm width server rack



Technical Specifications

Standard	ANSI/EIA RS-310-D, DIN41491: PART1, DIN41494:PART7, IEC62368, RoHS
Material	SPCC Cold Rolled Steel 19" rails: 2.0mm, frame:1.5mm , Top cover:1.2mm, front door: 1.5mm, Rear door:1.2mm side panel: 1.0mm others:1.2mm
Loading capacity	1500-2000KG
IP degree	IP20
Shipping Option	Assembly unit or flat packed
Capacity	15U-52U
Width	600,800, 750
Depth	600,800,1000,1070,1100,1200
Certificates	CE ROHS
warranty	2years
Leading time	25 to 30days

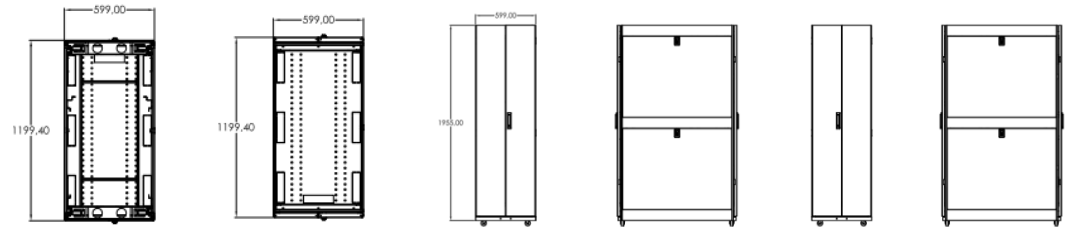
Server rack Drawing



NO	Name	QTY	Material thickness
1	Frame	2	1.5mm
2	Horizontal beam	6	1.2mm
3	Vertical rail	4	2mm
4	Top cover	1	1.2mm
5	Vertical cable tray	2pcs	1.5mm
6	Front door	1	1.5mm
7	Rear door	6	1.2mm
8	Side panel	4	1mm
9	Castor	4	
10	Levelling feet	4	

Horizontal beam QTY: ≤32U with 4pcs, > 32U with 6pcs

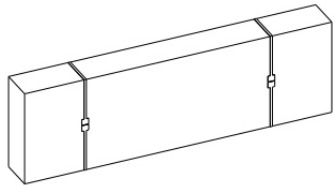
Screws: ≤27U: 20 sets cage nuts; 27U-37U : 30 sets cage nuts; ≥37U: 40 sets cage nuts.



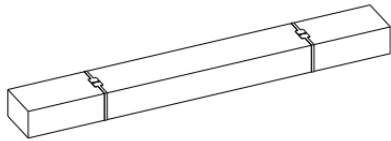
Order information

Specifications					
Model No.	Capacity (U)	Width*Depth (mm)	Model No.	Capacity (U)	Width*Depth (mm)
T-SC6637	37	600*600	T-SC8637	37	800*600
T-SC6837		600*800	T-SC8837		800*800
T-SC6137		600*1000	T-SC8137		800*1000
T-SC6137		600*1070	T-SC8137		800*1070
T-SC61137		600*1100	T-SC81137		800*1100
T-SC61237		600*1200	T-SC81237		800*1200
T-SC6642	42	600*600	T-SC8642	42	800*600
T-SC6842		600*800	T-SC8842		800*800
T-SC6142		600*1000	T-SC8142		800*1000
T-SC6142		600*1070	T-SC8142		800*1070
T-SC61142		600*1100	T-SC81142		800*1100
T-SC61242		600*1200	T-SC81242		800*1200
T-SC6648	48	600*600	T-SC8648	48	800*600
T-SC6848		600*800	T-SC8848		800*800
T-SC6148		600*1000	T-SC8148		800*1000
T-SC6148		600*1070	T-SC8148		800*1070
T-SC61148		600*1100	T-SC81148		800*1100
T-SC61248		600*1200	T-SC81248		800*1200

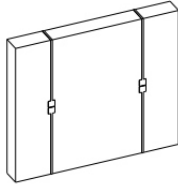
Knock-down Packaging



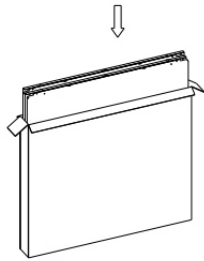
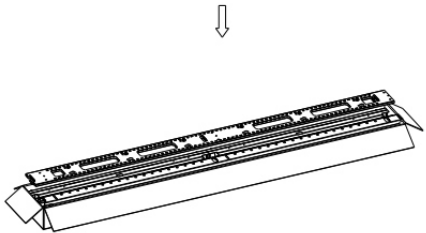
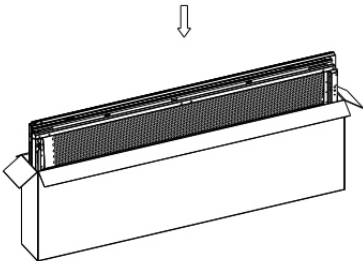
Carton A:
Front door and door frame
Rear door and door frame
Top cover
Accessory box



Carton B:
Vertical rails
Cable managements
Horizontal beams



Carton C:
Side panels

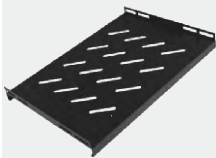


Server Rack Accessory

Shelf



19" Depth adjustable Fixed Shelf with ear,depth 350 mm, for 600mm depth server rack/ network cabinet cabinet
19" Depth adjustable Fixed Shelf with ear ,depth 550 mm,for 800mm depth server rack/ network cabinet cabinet
19" Depth adjustable Fixed Shelf with ear,depth 650 mm, for 1000mm depth server rack/ network cabinet cabinet
19" Depth adjustable Fixed Shelf with ear,depth 750 mm, for 1200mm depth server rack/ network cabinet cabinet



19" Rack mount Fixed Shelf , depth 350 mm for 600mm depth server rack/ network cabinet cabinet
19" Rack mount Fixed Shelf , depth 550 mm for 800mm depth server rack/ network cabinet cabinet
19" Rack mount Fixed Shelf, depth 650 mm for 1000mm depth server rack/ network cabinet cabinet
19" Rack mount Fixed Shelf, depth 750 mm for 1200mm depth server rack/ network cabinet cabinet



19" Rack mount Sliding Shelf, depth 350 mm, for 600mm depth server rack/ network cabinet cabinet
19" Rack mount Sliding Shelf, depth 550 mm , for 800mm depth server rack/ network cabinet cabinet
19" Rack mount Sliding Shelf, depth 650 mm ,for 1000mm depth server rack/ network cabinet cabinet
19" Rack mount Sliding Shelf, depth 750 mm ,for 1200mm depth server rack/ network cabinet cabinet

Fans

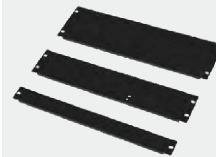


19" Rack mount Fan tary with 2 fans with 2m cable and plug for 600mm depth network cabinet
19" Rack mount Fan tary with 4 fans with 2m cable and plug for 800/1000mm depth network cabinet

Cable Management



1U brush panel



1U metal blank panel
2U metal blank panel
3U metal blank panel
4U metal blank panel



1U-Toolless Mounting Metal Blank Panel
2U-Toolless Mounting Metal Blank Panel
3U-Toolless Mounting Metal Blank Panel
4U-Toolless Mounting Metal Blank Panel



1U-Plastic Vertical Cable Ring
2U-Plastic Vertical Cable Ring



1U-Plastic Vertical Cable management
2U-Plastic Vertical Cable management



Vertical cable management for network cabinet 22U-47U



42U Vertical Cable Manager with plastic fingers & cover
48U Wertical Cable Manager with plestic fingars & cover

Rack Top Cable Partition Panel



600 mm W power shielding Trough
800 mm W power shielding Trough



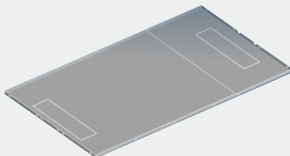
600 mm W data shielding partition, set of 2 pcs
800 mm W data shielding partition, set of 2 pcs

Vertical Pdu /cable Management Tray



42U Vertical PDU/ Cable Management Tray Width 117 mm set of 2 pcs
48u Vertical PDU / Cable Management Tray, Width 117 mm, set of 2 pcs

Bottom Plate



Bottom plate for server rack, 600*1000
Bottom plate for server rack, 600*1200
Bottom plate for server rack, 800*1000
Bottom plate for server rack, 800*1200