



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.

TU-XIN

T-SC STANDING SERVER RACK

T-SC01 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 74.8 % 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 74.8% 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 74.8% 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



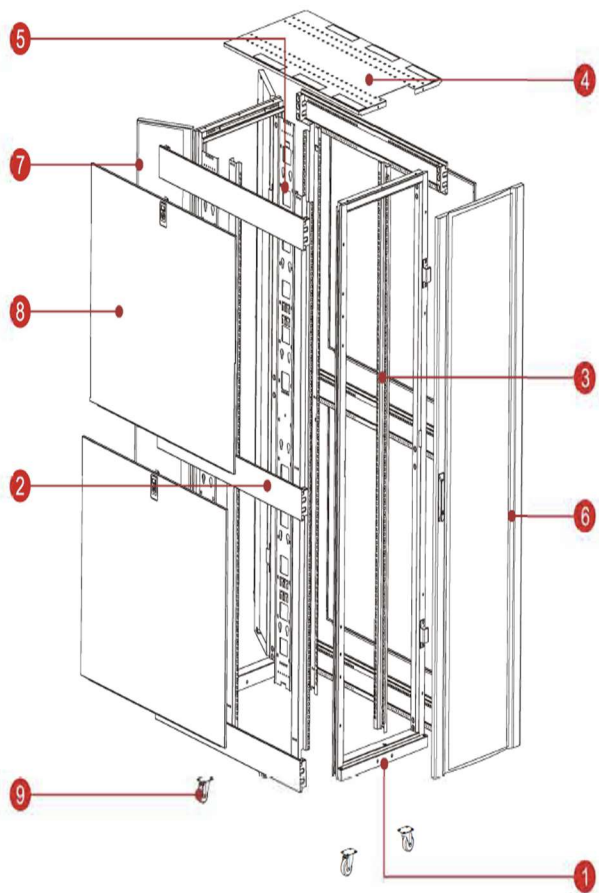
Ground wire to connect between cabinet frame and cabinet door
ESD point and grounding for the main frame

9



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

Server rack Drawing





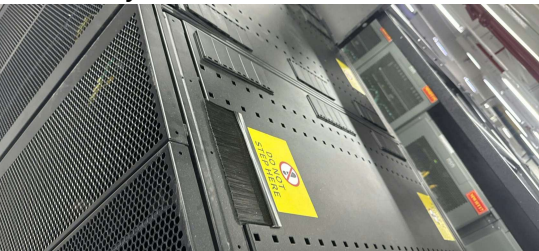



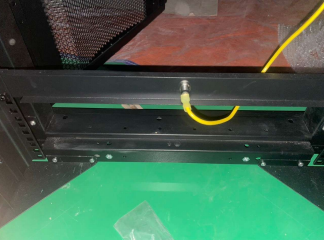


- 1 Frame
- 2 Horizontal beam
- 3 Vertical rail
- 4 Top cover
- 5 Vertical cable tray
- 6 Front door
- 7 Rear door
- 8 Side panel
- 9 Castor

Order information

Specifications					
Model No.	Capacity (U)	Width*Depth (mm)	Model No.	Capacity (U)	Width*Depth (mm)
T-SC01-6637	37U 1733~1748	600*600	T-SC01-8637	37	800*600
T-SC01-6837		600*800	T-SC801-837		800*800
T-SC01-6137		600*1000	T-SC01-8137		800*1000
T-SC01-6137		600*1070	T-SC801-137		800*1070
T-SC01-61137		600*1100	T-SC01-81137		800*1100
T-SC01-61237	42U 1950~2000	600*1200	T-SC01-81237	42	800*1200
T-SC01-6642		600*600	T-SC01-8642		800*600
T-SC01-6842		600*800	T-SC01-8842		800*800
T-SC01-6142		600*1000	T-SC801-142		800*1000
T-SC01-6142		600*1070	T-SC01-8142		800*1070
T-SC01-61142	48U 2250~2301	600*1100	T-SC01-81142	48	800*1100
T-SC01-61242		600*1200	T-SC01-81242		800*1200
T-SC01-6648		600*600	T-SC01-8648		800*600
T-SC01-6848		600*800	T-SC01-8848		800*800
T-SC01-6148		600*1000	T-SC01-8148		800*1000
T-SC01-6148	2250~2301	600*1070	T-SC01-8148	48	800*1070
T-SC01-61148		600*1100	T-SC01-81148		800*1100
T-SC01-61248		600*1200	T-SC01-81248		800*1200

CRITERIA	DETAILED SPECIFICATION
Standard	EIA-310; RoHS; EN 62368-1; UL
Width	600mm ÷ 800mm
Depth	600mm ÷ 1200mm
Height	1950mm ÷ 2000mm
Equipment mounting cabinet frame	Type 1: 19" x 42U numbered from low to high. Capable of fastening front and rear devices.
Static load of equipment installation	≥ 1000kg
Finished surface	Semi-gloss powder coating in the same color as RAL 9005/Black
Front cabinet door	1-wing honeycomb design; removable ; opening angle ≥ 120 degrees
Ventilation (front doors)	≥ 74%
Door lock (front doors)	Having lock and handle like lever
Rear cabinet door	2-wing honeycomb mesh design; removable; opening angle ≥ 120 degrees
Ventilation (rear doors)	≥ 74%
Door lock (rear doors)	Having lock and handle like lever
Side panels (2 or 4 pcs)	Closed panel, with lock/latch to ensure tight attachment to cabinet frame without screws and nuts
Material of side panels	Steel plate thickness: ≥1mm
Horizontal cable management	Can be mounted on both the front and rear of the rack frame

CRITERIA	DETAILED SPECIFICATION
<p>Designation of horizontal cable management</p> 	<p>Comb-shaped design compatible with 48-port switch; suitable for CAT6 network cabling and optical cables with outer diameter $\geq 2\text{mm}$. Material: powdercoated steel base (panel), plastic combs (rings)</p>
<p>1U and 2U front panel</p> 	<p>ABS plastic same color as the rack Color-matched and easy to install/uninstall.</p>
<p>1U or 2U front panel cable routing cover</p> 	<p>Color-matched and easy to install/uninstall. The frame powder-coated steel in the same color as the rack, the cable passage area is covered by a heat-resistant cover.</p>
<p>Front cover plate for rack cabinet base</p> 	<p>The frame powder-coated steel in the same color as the rack to prevent air-leaking. Color-matched and easy to install/uninstall.</p>
<p>Accessories to seal the gap between the rack cabinet and the 19" frame</p>	<p>available</p>
<p>Cable entry</p> 	<p>06 holes for cable entry Size: 40mm x 150mm (can be customized with any size)</p>

CRITERIA	DETAILED SPECIFICATION
<p>Raised floor mounting kit</p> 	<p>4 holes on the rack cabinet with accessories to fasten the rack cabinet to the raised floor panel. The number of holes can be customized.</p>
<p>Anti-static mounting point</p>	<p>Has ESD anti-static catch points</p>
<p>Main grounding point for cabinet</p> 	<p>≥ 1 main ground point for the cabinet.</p>
<p>Rack cabinet connection accessories</p> 	<p>Accessories set to connect adjacent rack cabinets to form a row of linked cabinets</p>
<p>Ground wire connecting between cabinet frame and cabinet door</p> 	<p>Ground wire connecting between cabinet frame and cabinet door. Cu/PVC wire with cross section ≥ 4 mm² with suitable accessories.</p>