



Ultimate Rack Solutions

JYOTITECH INDUSTRIES

Rack, Datacenter & Networking Solutions



About Ourselves

"Jyotitech Industries" is a leading business group in the electrical panel manufacturing industry, which has now ventured into the allied field of manufacturing of high quality server racks, networking racks and wall mounts.

The company, founded in 2002, started manufacturing of various types of electrical panels like HT/LT switchboards, control & relay panels, RTU panels, MV isolator panels and sub-station panels etc, has grown reputation in the industry for its quality and innovation. It has 1,00,000 sq. feet of manufacturing facilities with state-of-the-art CNC fabrication unit and in-house conveyerised powder coating plant of latest technology. We are an ISO 9001:2008 certified company, which ensures quality to all our esteemed customers.

Jyotitech Industries is also a leading designer and manufacturer of JTI series of standard server and customized enclosures for the IT and networking, telecom, general, and industrial electronics sectors.

JTI series range includes 19-inch server racks, networking racks, wall mount racks, 2-post racks and associated accessories. For most applications, customers have a choice of either aluminium or steel enclosures that can handle equipment loads ranging from 250 kg to 1000 kg. These products are designed by a team of qualified professionals with sound technical skills and expertise.

With strict Quality testing controls, we ensure highly consistent quality levels for all our products which are supplied to our esteemed customers.

Mission

We shall create customer - centric culture so as -

- To maximise value to our customer
- To consistently achieve on time delivery with quality
- To be easy to do business with, by providing hassle-free customer care

Vision

We shall achieve the market leadership and quality reputation by providing best quality output consistently, competitively and with integrity to our customer who is focal point to our business.

In-House Manufacturing Facilities



CNC Punching Machine - Amada Japan



CNC Bending Machine - Amada Japan



CNC Punching Machine - Amada Japan



CNC Bending Machine - Amada Japan



NC Shearing Machine



CO₂ Welding Machine



Conveyorised Powder Coating Plant



14 Tank Pre-Treatment Plant

JTI Server Racks (Aluminium Profile)



JTI manufactures an extensive range of server racks in heavy grade aluminium profiles that are powder coated in dark grey or black colour. The steel doors and side covers are also powder coated in light grey or black color. The perforated rear door and vented side doors of rack maximize air circulation providing superior ventilation. This server rack saves space, eliminates cabling headaques and provides physical security to servers, networking and telecommunication equipments, the business-critical IT Infrastructure of organization. These racks come in a variety of dimensions (height x width x depth) and is often customizable to individual needs with provisions for cooling, cable management and power distribution.

Key features

- Standard 19" server Rack
- Front steel vented doors with tinted toughened glass or fully perforated
- Rear steel door, single or dual, fully perforated
- Vented Top cover with fan
- Cable entry provision from top and bottom
- Side panels with slam latches and vents at the bottom
- Adjustable 19" mounting angles at front and rear
- Completely-knock-down (CKD) design for easy transportation and assembly
- Load rating 500 kg to 750 kg

Sizes

- Height : 30U, 32U, 36U, 42U and 46U
- Width : 600 mm
- Depth : 650 mm, 800 mm, 1000 mm and 1200 mm

Material and finish

- The frame is made of heavy duty aluminium extrusions
- Two finish are available – All Black or combination of Light Grey (RAL 7035) and Dark Grey (RAL 7037)
- (Full Aluminium frame and Front glass door frame powder coated Dark Grey (RAL 7037) or Black (RAL 9003)
- Rear steel door and side panels are powder coated in Light Grey (RAL 7035) or Black (RAL 9003)

Optional accessories

- Rear steel door with standard perforation
- Front doors with tinted toughened glass
- 90 CFM cooling fans
- 19" 1U Cantilever shelf 275mm
- 375 mm depth vented shelf
- 475 mm depth vented shelf
- 700 mm depth vented shelf
- Sliding shelf
- Equipment support angles
- Cable management accessories
- Castors with brake or without brake
- 19" blank panel
- 19" cable manager with loops
- Power Distribution Units (PDUs)
- Digital lock (optional)
- Earthing Kit
- Captive mounting hardware
- Base frame
- Leveling legs

Floor standing rack model matrix dimension

- 1U = 44.45 mm
- Note: - Other models can be manufactured on request
The dimensions may vary with changes in the rack design

JTI Floor Standing Racks 600W (19") - Dimension Matrix

JTI (600W Floor Standing Rack Series)	Overall height	Usable height	Overall width	Usable width	Overall depth	Usable depth
30U/600/650	1490.5	1333.5	600	450	650	525
30U/600/800	1490.5	1333.5	600	450	800	675
30U/600/1000	1490.5	1333.5	600	450	1000	875
30U/600/1200	1490.5	1333.5	600	450	1200	1075
32U/600/650	1579.4	1422.4	600	450	650	525
32U/600/800	1579.4	1422.4	600	450	800	675
32U/600/1000	1579.4	1422.4	600	450	1000	875
32U/600/1200	1579.4	1422.4	600	450	1200	1075
36U/600/650	1757.2	1600.2	600	450	650	525
36U/600/800	1757.2	1600.2	600	450	800	675
36U/600/1000	1757.2	1600.2	600	450	1000	875
36U/600/1200	1757.2	1600.2	600	450	1200	1075
42U/600/650	2023.9	1866.9	600	450	650	525
42U/600/800	2023.9	1866.9	600	450	800	675
42U/600/1000	2023.9	1866.9	600	450	1000	875
42U/600/1200	2023.9	1866.9	600	450	1200	1075
46U/600/650	2201.7	2044.7	600	450	650	525
46U/600/800	2201.7	2044.7	600	450	800	675
46U/600/1000	2201.7	2044.7	600	450	1000	875
46U/600/1200	2201.7	2044.7	600	450	1200	1075

JTI Network cum Server Racks (Aluminium Profile)



JTI manufactures an extensive range of network cum server racks in heavy grade aluminium profiles that are powder coated in dark grey or black colour. These racks are mainly used for mounting servers' or networking equipments or combination of both. The steel doors and side covers are also powder coated in light grey or black color. The perforated rear door and vented side panels maximize air circulation providing superior ventilation. These server racks save space, eliminate cabling headaques and provides physical security to servers, networking and telecommunication equipments, the business-critical IT Infrastructure of organization. These racks come in a variety of dimensions (height x width x depth) and is often customizable to an individual needs with provisions for cooling, cable management and power distribution.

Key features

- Standard 19" server rack
- Front steel vented doors with tinted toughened glass or fully perforated
- Rear steel door, single or dual, fully perforated
- Vented Top cover with fan
- Cable entry provision from top and bottom
- Side panels with slam latches and vents at the bottom
- Adjustable 19" mounting angles at front and rear
- Completely-knock-down (CKD) design for easy transportation and assembly
- Load rating 500 kg to 700 kg

Sizes

- Height : 30U, 32U, 36U, 42U and 46U
- Width : 800 mm
- Depth : 650 mm, 800 mm, 1000 mm and 1200 mm

Material and finish

- The frame is made of heavy duty aluminium extrusions
- Two finish are available – All Black or combination of Light Grey (RAL 7035) and Dark Grey (RAL 7037)
- (Full Aluminium frame and Front glass door frame powder coated Dark Grey (RAL 7037) or Black (RAL 9003)
- Rear steel door and side panels are powder coated in Light Grey (RAL 7035) or Black (RAL 9003)

Optional accessories

- Rear steel door with standard perforations
- Front doors with tinted toughened glass
- 90 CFM cooling fans
- 19" 1U Cantilever shelf 275mm
- 19" 2U Cantilever shelf 400mm
- 375 mm depth vented shelf
- 475 mm depth vented shelf
- 700 mm depth vented shelf
- Sliding shelf
- Equipment support angles
- Cable management accessories
- Castors with brake or without brake
- 19" blank panel
- 19" cable manager with loops
- Power Distribution Units (PDUs)
- Digital lock (optional)
- Earthing Kit
- Captive mounting hardware
- Base frame
- Leveling legs

Floor standing rack model matrix dimension

- 1U = 44.45 mm
- Note: - Other models can be manufactured on request
The dimensions may vary with changes in the rack design

JTI Floor Standing Racks 800W (19") - Dimension Matrix

JTI (600W Floor Standing Rack Series)	Overall height	Usable height	Overall width	Usable width	Overall depth	Usable depth
30U/800/650	1490.5	1333.5	800	450	650	525
30U/800/800	1490.5	1333.5	800	450	800	675
30U/800/1000	1490.5	1333.5	800	450	1000	875
30U/800/1200	1490.5	1333.5	800	450	1200	1075
32U/800/650	1579.4	1422.4	800	450	650	525
32U/800/800	1579.4	1422.4	800	450	800	675
32U/800/1000	1579.4	1422.4	800	450	1000	875
32U/800/1200	1579.4	1422.4	800	450	1200	1075
36U/800/650	1757.2	1600.2	800	450	650	525
36U/800/800	1757.2	1600.2	800	450	800	675
36U/800/1000	1757.2	1600.2	800	450	1000	875
36U/800/1200	1757.2	1600.2	800	450	1200	1075
42U/800/650	2023.9	1866.9	800	450	650	525
42U/800/800	2023.9	1866.9	800	450	800	675
42U/800/1000	2023.9	1866.9	800	450	1000	875
42U/800/1200	2023.9	1866.9	800	450	1200	1075
46U/800/650	2201.7	2044.7	800	450	650	525
46U/800/800	2201.7	2044.7	800	450	800	675
46U/800/1000	2201.7	2044.7	800	450	1000	875
46U/800/1200	2201.7	2044.7	800	450	1200	1075

JTI Steel Pro Racks



JTI Steel Pro Rack offers cost effective solution to the customer, mainly used for mounting servers and network equipments of different form factors. These racks are made of high quality steel designed to be used for small offices. The tower type equipments can also be accommodated using stationary shelves.

These racks have a heavy-duty steel construction with ventilated front and back door and side panels.

Key features

- Welded steel frame with integrated top and bottom
- Standard 19" Rack
- Front vented doors with tinted toughened glass or fully perforated steel
- Rear steel door with standard perforation
- Vented Top cover with cooling fan
- Cable entry provision from top and bottom
- Side panels with slam latches and vents at the bottom
- Adjustable 19" mounting angles at front and rear
- Load rating 350kg to 500 kg

Sizes

- Height : 17U, 22U and 27U
- Width : 600 mm
- Depth : 600 mm, 800 mm and 1000 mm

Steel pro rack model matrix dimension

- 1U = 44.45 mm
- Note: - Other models can be manufactured on request
The dimensions may vary with changes in the rack design

Steel pro rack accessories

- 19" 1U Cantilever shelf 275 mm
- 19" 2U Cantilever shelf 400 mm
- Cooling 90 CFM fan
- 375 mm depth vented shelf
- 450 mm depth vented shelf
- 700 mm depth vented shelf
- Sliding vented shelf
- Equipment Support angles
- 19" 1U blank panel
- 19" 2U blank panel
- 19" 1U cable manager with loops
- Power Distribution Units (PDUs)
- Digital lock (optional)
- Earthing Kit
- Castors with brake & without brake
- Captive mounting hardware

Material and finish

- Steel rack powder coated Light Grey (RAL 7035) or Black (RAL 9003)
- Front glass door frame and rear steel door are powder coated in Light Grey (RAL 7035) or Black (RAL 9003)

JTI Steel Pro Racks 600W Dimension Matrix

JTI (600MS Pro Rack Series)	Overall height	Usable height	Overall width	Usable width	Overall depth	Usable depth
17U/600/600	859.65	755.65	600	450	600	505
17U/600/800	859.65	755.65	600	450	800	705
17U/600/1000	859.65	755.65	600	450	1000	905
22U /600/600	1081.90	977.90	600	450	600	505
22U /600/800	1081.90	977.90	600	450	800	705
22U /600/1000	1081.90	977.90	600	450	1000	905
27U /600/600	1304.15	1200.15	600	450	600	505
27U /600/800	1304.15	1200.15	600	450	800	705
27U /600/1000	1304.15	1200.15	600	450	1000	905

JTI 2 Post Rack



JTI 2 Post racks are made of heavy duty steel frame. These products have universal vertical mounting hole patterns which allow mounting of 19" telecommunication and network equipments. Multiple racks can be bayed with the help of baying kit. These uniquely designed racks allow users the flexibility of having an "all side access" of the mounted equipments. These open racks can be modified and customized with the help of accessories to suit specific requirements.

JTI 2 Post racks are designed for the needs where large volume of cable management and space management is required and are installed at the physically secured location. Available in various size range from 27U to 46U.

Key features

- Standard 19" 2 Post rack
- Completely-knock-down (CKD) design
- Made of high quality steel
- Powder coated heavy duty bottom / top angels and frame
- Fixed base with mounting holes for bolting to ground option (if required)
- Load rating 500 kg to 750 kg

Optional accessories

- 19" 2U Cantilever shelf 400 mm
- Equipment support angles
- 19" 1U Cantilever shelf 275 mm
- 19" blank panel
- 19" Cable manager with loops
- Power Distribution Units (PDUs)
- Earthing kit
- Rack base grouting kit
- Captive mounting hardware

Sizes

- Height : 27U, 36U, 42U and 46U
- Width : 550 mm

Material and finish

- Full Steel frame powder coated in Light Grey (RAL 7035) or Black (RAL 9003)

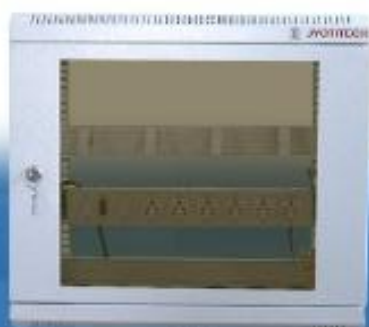
Floor 2 post rack model matrix dimension

- 1U = 44.45 mm
- Note: - Other models can be manufactured on request
The dimensions may vary with changes in the rack design

JTI 2 Post Racks Dimension Matrix

JTI (2 Post racks Series)	Overall height	Usable height	Overall width	Usable width
27U 550W	1354.15	1200.15	550	450
36U 550W	1754.20	1600.2	550	450
42U 550W	2020.90	1866.9	550	450
46U 550W	2198.70	2044.7	550	450

JTI Wall Mount Racks



These wall mount racks are designed for small networking, telecom, audio/video systems and structured cabling needs, which are available in single section and double section. Manufactured out of multi-bend one piece rigid CRCA sheet structure, welded and powder coated with highest quality standards. The wall mount rack structure is a welded frame with integrated side panels, vented top cover with fan mounting provision along with front glass door with lock and key provision.

Available from 4U to 15 U sizes with depth of 400 mm and 500 mm

Key features

- Basic steel frame
- Construction welded
- Top cover with fan and bottom cover having cable entry provision
- Front toughened glass door lockable
- Adjustable 19" mounting angles in the front and rear
- Standard finish powder coated
- Load rating 40 kg

Material and finish

- Steel wall mount rack powder coated Light Grey (RAL 7035) or Black (RAL 9003)
- Steel glass door frame powder coated Light Grey (RAL 7035) or Black (RAL 9003)

Sizes

- Height : 4U, 6U, 9U, 12U, and 15U
- Width x Depth : 550 mm x 400 mm
- Width x Depth : 600 mm x 500 mm

Rack accessories

- 19" 1U Cantilever shelf 275 mm
- 19" 2U Cantilever shelf 400 mm
- Cooling 90 CFM fans
- 19" Cable manager with loops
- Power Distribution Units (PDUs)
- Captive mounting hardware
- Earthing kit

Single section and double section model matrix dimensions

- 1U = 44.45 mm
- Note: Other models can be manufactured on request.
The dimensions may vary with changes in the rack design

Wall Mount Rack W 550 mm X D 400 mm

JTI (WM-400 Series)	Overall height	Usable height	Overall width	Usable width	Overall depth	Usable depth
4U / 550 X 400	269.80	177.80	550	450	400	305
6U / 550 X 400	358.70	266.70	550	450	400	305
9U / 550 X 400	492.05	400.05	550	450	400	305
12U / 550 X 400	625.40	533.40	550	450	400	305
15U / 550 X 400	758.75	666.75	550	450	400	305

Wall Mount Rack W 600 mm X D 500 mm

JTI (WM-600 Series)	Overall height	Usable height	Overall width	Usable width	Overall depth	Usable depth
6U / 600 X 500	358.70	266.70	600	450	500	405
9U / 600 X 500	492.05	400.05	600	450	500	405
12U / 600 X 500	625.40	533.40	600	450	500	405
15U / 600 X 500	758.75	666.75	600	450	500	405

Rack Accessories



Fixed Plain Vented Shelf

Mounting arrangements is through nut and bolt. Available in different depths (375 mm, 475 mm and 700 mm).



Sliding Key Board Shelf

Sliding type keyboard shelf is elegantly designed and used normally in server rack for placing keyboard and mouse.



Cantilever shelf 19"

Used for providing compartments inside the rack for placing the equipments. Mounting arrangements is through nut and bolts. Available in different depths (1U / 275 mm depth and 2U / 400 mm depth).



19" Cable manager with loops

It is normally used for proper dressing of cables inside the rack. Majorly used in networking rack where switches and patch panels are mounted. Available in steel or PVC (1U or 2U height).



Vertical cable channel

C- Type channel smartly designed and used in network cum server rack for proper cable management inside the rack. Available from 27U, 30U, 32U 36U, 42U and 46U



Cooling fans 90 CFM

Fan Units are used for forced air circulation within rack for efficient cooling and forced ventilation. 2 or 4 nos. of 90CFM fan is placed at the top of the rack providing better ventilation inside the rack.



Castors with brake and without brake

Heavy-duty castor wheel required for moving the loaded rack inside the datacenter. Racks are provided with 4 nos. of heavy duty castors.

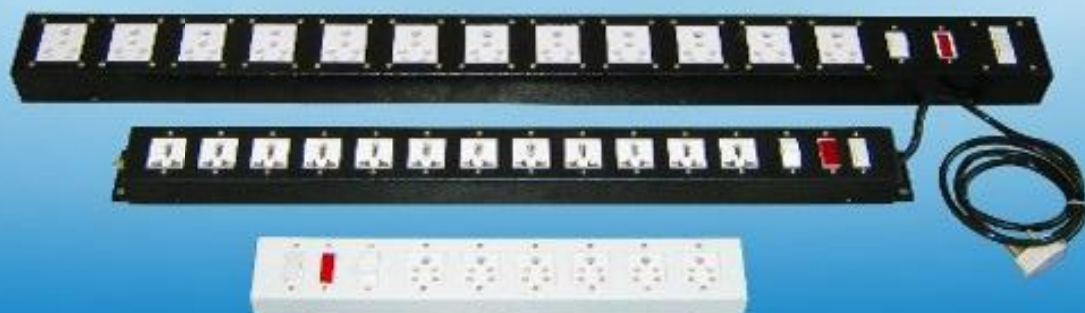


Captive mounting hardware

It is used for mounting network equipment and server inside the rack. Screws, cage nut and nylon cup washer in M6 is used for mounting the equipment.

Power Distribution Units (PDUs) : (6 Amp or 16 Amp)

Available in horizontal or vertical type, power rating from 6 Amp, 6/16 Amp. Horizontal strip consist of 6 Amp / 4 or 6 sockets. Vertical strip consist of 6/16 Amp 12 or 15 sockets. Also available in Universal or IEC 320 type sockets.



CERTIFICATE

TUV NORD

Management system as per
DIN EN ISO 9001 : 2008

In accordance with TUV NORD CERT procedures, this hereby certifies that:

JYOTITECH INDUSTRIES
R-607, TTC Industrial Area,
Rabale, Navi Mumbai - 400 701,
India

applies its management system in line with the action identified for the
following scope:

**Manufacture and Supply of Fabricated Steel Metal Parts, Components &
Products**

Certificate Registration No. **44 130 0742783**
Auth. Person No. **2.8-07170402**

Valid until **11.10.2019**
Valid from **12.10.2018**
Initial certification **12.10.2007**

S. K. Kulkarni
Certification Body
of TUV NORD CERT GmbH

Munich, **11.10.2019**

This certification was conducted in accordance with the TUV NORD CERT auditing and
certification procedures and is subject to regular surveillance audits.
TUV NORD CERT GmbH Landshutstrasse 20 45127 Essen www.tuv-nord.com



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We have been re-certified to
ISO 9001:2008 QMS from TUV
Nord, Germany. This verifies that we
are an "Engineering-focused
industry offering quality products to
the customers. We believe that ISO
certification is a necessary part of
maintaining our world class
manufacturing status.



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