Weight of an 18u Network Cabinet

Rear of the optical fiber distribution box

Overview

With a weight capacity of 1000 lbs, this 18U network cabinet can effectively organize hardware, ensuring a stable network installation environment.

Key Takeaways

The weight of an 18U network cabinet typically ranges from 90 to 140 pounds (41–64 kg), depending on design and materials. Typical Weight RangesWall-Mount Cabinets: Lightweight 18U wall-mount cabinets, such as the Tripp Lite SRW18US, generally weigh around 113 pounds (51 kg) and are constructed from heavy-duty steel with a powder-coated finish.

Nave

Point 18U wall-mount cabinets weigh approximately 132 pounds (60 kg) and support up to 132 lbs of equipment. Smaller or more compact wall-mount models may weigh closer to 90 pounds (41 kg).

Floor-

Standing Cabinets: Floor-standing 18U cabinets, like those from AZE Systems, are typically heavier due to solid steel construction and reinforced bases, often exceeding 130 pounds (59 kg). These models provide higher load capacities and more robust stability for servers and networking equipment.

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Factors Affecting Weight

Material: Steel cabinets are heavier than aluminum or composite models. Powder-coated steel is common for durability. Design: Wall-mount cabinets are lighter and more compact, while floor-standing cabinets include solid bases and additional panels, increasing weight.

Accessories: Hinged doors, perforated panels, shelves, and fans add extra weight. Fully assembled units are heavier than flat-pack versions. Load Capacity: Cabinets designed to hold more equipment often have reinforced frames, which increases the cabinet's own weight.

For example, some wall-mount 18U cabinets support up to 250 lbs (113 kg) of equipment.

Summary

For planning installation or shipping, expect an 18U network cabinet to weigh between 90 and 140 pounds (41–64 kg). Wall-mounted models are generally lighter, while floor-standing cabinets are heavier and more robust. Always check the manufacturer's specifications for exact weight and load capacity before installation.

Article Content

18U Mid Depth 33 inch (840mm) Networking Cabinet (Black)

With a weight capacity of 1000 lbs, this 18U network cabinet can effectively organize hardware, ensuring a stable network installation environment. This mid-depth floor network cabinet is available in an 18U

18U Wall-Mount Server Rack Cabinet

To provide secure stability for your heaviest equipment, this rack offers 4-post mounting, supporting a higher weight capacity per U than 2-post racks and supporting a total load capacity of up to 200 lb.

NavePoint 18U Network Cabinet

The 18U AV rack cabinet weighs 143.3 pounds and possesses a weight capacity of 1763.7 pounds. The black audio component rack comes in the right design and construction to bring lasting security and

18U Loading Capacity 500KG Network Cabinet

Multi-Use Cabinet supports a mix of computer, data storage, network and security equipment, which offers application flexibility, allowing you to make a network or server cabinet.

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WR600 Wall Rack Network Data Cabinet 18U 600 mm Deep Black

Excel Environ WR600 Wall Rack Network Data Cabinet 18U WxD 570 mm x 600mm Black, part of a huge range of Network Data Cabinets available from Mayflex. The Excel Environ WR is a range of

18U Wall-Mount Server Rack Cabinet

BUILT TO LAST: The 18U wall-mounted network cabinet offers a 4 post design for additional support of your equipment; Constructed of high-quality SPCC cold-rolled steel for strength and durability with a

ShowMeCables 18U Mid Depth 33 inch (840mm)

With a weight capacity of 1000 lbs, this 18U network cabinet can effectively organize hardware, ensuring a stable network installation environment. This mid-depth

NavePoint 18U Server Rack Enclosure

What is the weight capacity of the NavePoint Pro Series 18U network cabinet? The network cabinet can support up to 132 lbs of equipment, making it suitable for a

15 Best Locking Server Rack Cabinets for 2026 Security

If you''re exploring the 15 best locking server rack cabinets for 2026, I can guide you through top options that blend security, durability, and scalability.

Network Rack Cabinets

18U Network Server Rack Cabinet – 600mm X 450mm In the example above the network rack is 18 Rack Units in height, this means it is approximately 31.5″ or 800mm tall on the inside.

Network Rack Cabinet,18U, Black, 990H x 600W x 1000D mm

Network Rack Cabinet,18U, Black, 990H x 600W x 1000D mm Model:RN18610 AZE''s 18U floor standing network rack cabinet provides secure storage space for storing EIA-310 compliant 19" rack-mount

Server Racks & Cabinets

RackSolutions has been manufacturing high quality server racks and cabinets for over 20 years. Whether you need a single rack at home or a thousand in a data

15 Best Network Rack Cabinets for 2026 That Maximize Space

Maximize your network setup with the 15 best rack cabinets for 2026, designed for space efficiency and security—discover the perfect fit today.

18U Loading Capacity 500KG Network Cabinet

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When choosing your cabinet solution, its important to consider: What kind of environment these racks will be used in? How many devices, connections and what type of equipment will be house in the

ShowMeCables 19-inch wide Network Cabinet, 18U,

The SMC-SMA6618 18U network cabinet has a 23.6 inch depth, which can accommodate a wide range of devices. The interior rail mounting of this cabinet

10 Best Server Rack Cabinets (July 2026) Expert Picks

We tested 10 server rack cabinets for home labs and data centers. Our 2026 guide covers wall-mount and floor-standing options for every budget.

18U Wall-Mount Server Rack Cabinet

This 18U server or network rack cabinet lets you mount your EIA-310 compliant equipment to the wall, in a secure enclosure that has a hinged rear door for easy access to your equipment. The enclosure

Understanding Network Cabinet 18u: Standards, Properties, and

Choosing the right type of 18U cabinet depends on several factors, including available space, ventilation needs, security requirements, and aesthetic considerations. Below is a comprehensive overview of

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