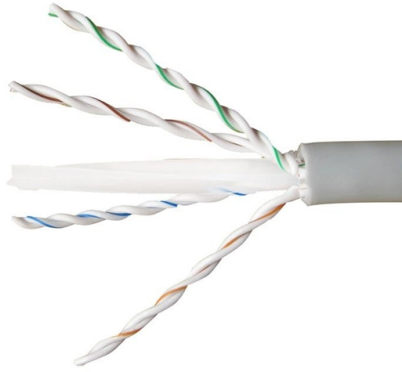


Network cabinet caster height dimensions



Overview

Network Cabinet Caster Kit, Plated, Steel | nVent HOFFMANThe Network Cabinet Caster Kit provides mobility to Networking PC Cabinets. It mounts to predrilled.

Key Takeaways

Adding casters to a network cabinet typically increases its height by 2.9 to 3 inches, depending on the caster type and base used.

Standard Cabinet Dimensions
Most network and server cabinets follow the 19-inch width standard, with heights measured in rack units (U), where 1U = 1.75 inches. Common heights include 24U, 42U, and 48U, and depths range from 24 to 48 inches depending on equipment and cable management needs. External widths are usually 24-30 inches, and depth should accommodate rear cabling and airflow requirements .

Caster Height and Types

- Low-profile caster bases like the LINIER® Caster Base add 2.9 inches to the cabinet height and feature 2-inch dual-wheel swivel casters for easy maneuverability on all flooring types .



- Standard caster kits, such as the nVent HOFFMAN Network Cabinet Caster Kit, mount to predrilled holes in the cabinet base and are recessed once installed, with each caster rated for 350 lb (159 kg) load capacity .

Installation Considerations

- When adding casters, total cabinet height must include the caster height to ensure clearance under ceilings, doors, or overhead cable trays. For example, a 42U cabinet (73.5 inches internal height) with a 2.9-inch caster base will require approximately 76.4 inches of vertical clearance .

- Ensure floor strength and tile alignment if using raised floors, as fully loaded cabinets can exceed 1000 lbs.

- Leave sufficient front and rear clearance (36 inches front, 24–36 inches rear) for maintenance and cabling .

Summary

Adding casters provides mobility but increases the cabinet's overall height by roughly 3 inches. Low-profile caster bases are ideal for tight spaces, while standard caster kits offer higher load capacity and recessed mounting. Always account for caster height when planning installation to ensure proper clearance and safe operation.

Article Content

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Hoffman DLCASTERS Network Cabinet Caster Kit, Steel

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NavePoint 18U Server Cabinet Wall Mount Rack Enclosure with

The data cabinet also includes casters for easy mobility, which add 3 inches to the total height. With dimensions of 23.63"L x

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H3 Network Cabinet, 42RU Height, 42"Deep, Lockable Covers,

Full Size Network Cabinet, 42-Rack Units, Splitside Cover, 76.6" Height, 31.2" Width, 44.2" Depth.

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Full Size Network Cabinet, 47-Rack Units, Splitside Cover, 85.4" Height, 31.2" Width, 44.2" Depth.

Casters for Server Racks and Data Cabinets | Caster Connection

Browse our inventory of server rack and data cabinet casters in multiple wheel sizes, load capacities, locking options, and mounting

RackSolutions 5U-58U Open Frame Network Server

Caster Kit Option Provides convenient rack access in tight spaces. The maximum capacity on casters is

Network Rack, Caster Base, 2.9" Height – Primus Cable

The LINIER® Caster Base provides a sturdy, mobile base that is suited to be used with any of the LINIER® Fixed Wall Mount

Network Cabinets Enclosures

Removable top and side panels ty construction and design. Hubbell's network cabinets combine a static load rating of up to 2,000

H3 Network Cabinet, 42RU Height, 42"Deep, Lockable Covers, Casters

Hubbell Full Size Enclosures Are For High Density Cabling Requirements In Data Centers And Telecommunication Rooms. The H3

Securely store servers, network and telecommunications equipment in ...

FULLY ASSEMBLED WITH CASTERS: Enclosed 18U data rack cabinet ships pre-assembled with wheels & levelling feet to offer

Choosing the Right Network Cabinet

A 42U network cabinet stands approximately 73.5-78 inches tall (including rolling casters at the bottom).

NRS 800_151019

Overall Height = Frame Height+Plinth or Caster It is recommended to distribute the Load along with U space in the Rack Dimension

Floor Free-standing Server Racks & Cabinets

The free-standing network racks are perfect for full-size systems that require bigger storage capabilities than wall-mounted racks.

12U Server Rack Open Frame with Casters-RIVECO 4 Post Quick

About this item SIZE : Width 19.7" (500 mm), Depth 21.7" (550 mm), Height 28" 709 mm with casters. Also other heights 6U, 9U,

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18U Racks and Server Cabinets

18U Racks and Server Cabinets 18U server racks and data cabinets from Server Room Environments including wall mounting data

Universal Server Rack Casters | Bolt Pattern: 45mm x

Heavy Duty Casters for Server Racks/Cabinets - Set of 4 Universal M6 2-inch Caster Kit - Replacement

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RIVECO 9U Open Frame Server Rack with Casters

About this item SIZE : Width 19.7" (500 mm), Depth 21.7 " (550 mm), Height 22.7" 575 mm with casters. Also other heights 6U,

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The data cabinet also includes casters for easy mobility, which add 3 inches to the total height. With dimensions of 17.72"L x

Choosing the Right Network Cabinet Size

Learn how to select the perfect network cabinet size (6U, 12U, 24U, 42U) for your needs. This guide helps you optimize space and

Server Cabinet Sizes A Guide

Server Cabinet Sizes A Guide, Gometal is China manufacturer & supplier who mainly produces network cabinet,

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

