

Dimensions of a 19-inch chassis for oil and petrochemical applications



Article Overview

A standard 19-inch chassis has a width of 482.6 mm (19 inches), with height measured in rack units (1U = 44.45 mm) and variable depth depending on application, typically ranging from 260 mm to 365 mm for industrial enclosures.

Standard Dimensions

- Width: 19 inches (482.6 mm), including mounting ears for rack attachment, ensuring compatibility with standard racks and subracks across industries .
- Height: Measured in rack units (U), where 1U = 1.75 inches (44.45 mm). Common heights for industrial chassis range from 1U to 6U or more, depending on equipment requirements .
- Depth: Industrial chassis depths vary to accommodate internal components. Typical depths for oil and petrochemical applications are 260 mm, 310 mm, 360 mm, or 365 mm, with some custom designs extending further for specialized equipment .

Material and Construction

- Steel chassis: Preferred for maximum durability, structural strength, and EMC shielding. Often zinc-plated or powder-coated for corrosion resistance in harsh industrial environments .
- Aluminium chassis: Lightweight, excellent for heat dissipation, and can be anodised for corrosion protection. Suitable when weight reduction and thermal management are priorities

Article Content

AMG2027 DIN RAIL 4U 19-INCH RACK CHASSIS

Industrial 19inch Racks The AMG2027 is a DIN rail rack chassis for standard 19 inch equipment racks. The 4U profile allows for

19" Rack Mount Enclosures

A 19-inch rack is a standardized frame or enclosure for mounting multiple electronic equipment modules. Each module has a front

What Is a 19-Inch Rack? Full Guide for IT & AV Use

Learn what a 19-inch rack is, key dimensions, types, use cases, and expert tips for choosing

Cab and Chassis Specs & Dimensions :: RitchieSpecs

View and compare Cab and Chassis specs from top manufacturers. Compare size, weight and detailed specifications for hundreds of

MultipacPRO 19" Chassis, Aluminum, Perforated Top and Base, 4 U

This 19" chassis is a form of subrack which accepts horizontal board mounting or the mounting of non-standard components like

The Secrets of a 19-Inch Server Rack Design

Unveil the secrets behind 19-inch server rack design and maximize your server room space. Learn how to make the

19" Rackmount Chassis Platforms | Sarsen Technology

19" Rackmount Chassis Platforms The rackmount systems we supply and support are designed and built to provide years of trouble

1U Chassis -19 Inch Rack Mount

1U chassis is one of the best selling case for 19inch rack mount chassis, we not only have 1U/2U/3U/4U server case, but can

19" chassis

The TPS 3U Chassis (Manufacturer Code: BJ9900003, Article Number: RA1078) is a 3U, 19 -inch rack-mount enclosure designed for

Standards of 19-Inch Rack: depth, width & —

When designing and choosing 19-inch cabinets, it is important to consider 19U rack dimensions: height,

Tank Chassis | Cheetah Chassis

Browse our selection of tank chassis trailers designed to carry portable bulk liquid containers, ISO tank containers, and other liquid or

Rack-Mounted Aluminum Chassis | Bud Industries

Technically, the width of the enclosure, including the mounting brackets, is 19 inches, but the minimum space between the rails is

Tank Container Chassis

ers a range of chassis designs in the U.S. to meet specific customer needs. The core fleet comprises chassis specifically designed

What is a 19 inch rack?

A 19 inch width is standard for servers and the racks that mount them. Learn how the EIA came to this conclusion

Atlas Chassis

19" Chassis provided for the integration of non-standardised elements (coils, power supplies, measurement

20ft ISO TANK CONTAINER CHASSIS - CHASSIS USA LLC

This chassis is designed for transporting a 40" ISO container This chassis meets all DOT, AAR, ANSI, TOFC, FMVSS, SAE, and

EN IEC 60297 Mechanical Structures of Electronic Devices

The IEC 60297-3 series standards of this standard provide detailed dimensions for certain parts of equipment application where

The Complete Guide to 19-Inch Industrial Chassis: Custom

This guide gives you a clear, practical overview of 19-inch industrial chassis design, the differences between steel

19-Inch Rack Size and Dimensions Explained: The Complete Guide to ...

Discover the essential guide to 19-inch rack sizes and dimensions for servers and rackmount PCs. Learn about

Drop Frame Tank Chassis | ISO Container Tank Chassis

FRAC sand chassis are commonly used to transport frac sand from mines and processing facilities to oil and gas well sites, where

Standard Pipe Schedules and Sizes Chart Table Data

Standard Pipe Schedules Pipe Sizes Chart Table Data Fluid Flow Table of Contents
The following chart gives standard pipe

Refinery and Petrochemical Line Sizing Criteria

Step-by-step description of refinery & petrochemical line sizing criteria and pipe's design

Container Chassis Dimensions: Tri Axle & Build Sheet

Explore container chassis dimensions, standard lengths, tri axle configurations, and how VIN build sheets

Chassis 19" Atlas | Atos Racks

ATLAS" chassis are made by ATOS and specially designed to allow the integration of non-standard

19 inch rackmount chassis

With front panel customization options and standardized mounting dimensions, it offers easy installation and maintenance in control

Contact Us

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