

New high-density 1U standard chassis available now



AI Overview

Several high-density 1U chassis are now available, including the IANOS 1U, SPEED-CARRIER 1U-H, and OCS1580-H04-H, offering modularity, high port density, and hot-swappable capabilities.

IANOS 1U Chassis The IANOS 1U chassis is designed for high-density fiber management, supporting up to 72 ports per 1U. It accommodates 12 single or 6 double modules, with front and rear module fitting and a horizontal opening front door for easy access. Its modular design allows mixing single and twin modules, and sliding trays provide quick access to patch cords while maintaining separation for redundant cable paths. This chassis is ideal for server and switch applications, optimizing 19-inch rack space and reducing total cost of ownership.

SPEED-CARRIER 1U-H The SPEED-CARRIER 1U-H from Pan Dacom Direkt is a high-performance modular rack system capable of up to 3.2 Tbps per rack unit. It supports AES 256 Layer 1 encryption and hot-swappable system cards, making it suitable for data center interconnect (DCI) applications. Its intelligent ventilation design eliminates the need for spacing between neighboring systems, and the modularity allows flexible configuration of active and passive system cards. This chassis is optimized for high bandwidth, low latency, and energy efficiency.

OCS1580-H04-H Storage Server Chassis The OCS1580-H04-H is a 1U rackmount storage server chassis designed for high-density storage deployments. It supports 4x 3.5" hot-swappable HDDs and 2x 2.5" drives, with a 6Gb/12Gb SAS/SATA backplane compatible with SFF-8087 and SFF-8643 cables. It accommodates ATX, Mini-ATX, Micro-ATX, and ITX motherboards, and offers redundant PSU support, smart fan control, and tool-free slide rails. This chassis is ideal for enterprise or edge storage environments requiring compact, high-performance solutions.

Advantech 1U Chassis Advantech also offers a...

Article Content

FTD-1UFMX-N, High Density 1U 19" Rack Chassis, Holds up to 9/6/3

FTD-1UFMX-N is a 19" plug-in chassis that accommodates up to 9x 4CH, 6x 8CH, or 3x 16CH FTD Mux/Demux cassettes. It supports flexible combinations of CWDM, DWDM, LANWDM, O-band

Choose the Perfect Rackmount Server Case: 1U to 4U

Choose 1U server chassis for maximum density and space-constrained environments with lower performance and expansion needs. Opt for

1U Rackmount Chassis / InWin / IW-RS116-E1

This compact 1U storage server offers impressive capacity, supporting up to 16 E1.S hot-swap trays. The enclosure is equipped with six 40 x 56 mm high-RPM fans that ensure optimal airflow to meet

Choosing the Right Rackmount Server Case: 1U, 2U,

Understand how 1U, 2U, 3U, and 4U rackmount server units vary in order to optimize your server requirements to select the most appropriate piece

1U Server Chassis Mini ITX

A 1U server chassis Mini ITX is a compact server enclosure designed for high-density computing in space-constrained environments. Measuring just 1.75 inches (44.45 mm) in height, this form factor

Ultra High Density 1U Chassis

Ultra High Density 1U Chassis 1U Ultra High Density (UHD) Chassis is the part of the system for high density fiber optics infrastructure management in Data Centres, Telecommunication and Enterprise

IANOS Standard chassis 1U

Efficiently manage fiber cables with the High-Density IANOS Chassis (1U).

1U Chassis

The 1U chassis support multiple configurations include SATA hard drives, rackmount chassis and redundant power supply that fulfill server-grade IPC

FTD-1UFMX-N, High Density 1U 19" Rack Chassis, Holds up to 9/6/3

The high-density FTD chassis supports flexible configurations with full capacity for 9x 4CH, 6x 8CH, or 3x 16CH Mux/Demux modules, and supports the flexibility to install Mux/Demux modules with

Rack Servers | 1U to 5U Rackmount Servers

Rack servers delivering high scalability and flexibility, optimized for demanding data center applications. Available in 1U to 5U rack densities, with support for single

Rack Server Sizing Guide: 1U vs 2U vs 4U and Which to Pick

Take a rack inventory, topography, and density vs. growth. An intelligent combination of 1U edge/front-end nodes, 2U general-purpose compute, and 4U monster AI or storage keeps your

Server Chassis & Rackmount Cases | 1U, 2U, 4U

We offer a wide selection of 1U, 2U, and 4U rackmount cases, as well as tower server chassis from top brands like Rosewill, Supermicro, Chenbro, and

1U Server Chassis | Newegg

Shop 1U Server Chassis on Newegg . Watch for amazing deals and get great pricing.

760209940 | HD-1U

High Density 1U modular cassette sliding Panel, accepts (4) G2 modules or MPO panels, providing up to 48 duplex LC ports, or up to 32 MPO ports

RF over Fibre

The latest advancement in chassis technology, offering a compact, modular, and flexible solution for growing teleport operators. Available in 1U, 2U, and 3U rack

Server Chassis: The Main Case For Your System

Scalability: Rackmount server chassis are designed to fit into standard racks, allowing for high-density deployments in data centers and server

How to Choose the Perfect Rack mount Server Case: Understanding 1U

The “U” in 1U, 2U, 3U, and 4U rackmount chassis refers to a standard unit of measurement (1.75 inches or 44.45 millimeters) that defines the height of the server case.

FHD-1UFMT-N

Details for FHD-1UFMT-N - New - Fs Fhd High Density 1U Rack Mount Enclosure - Tool Less Removable Top Cover - Compatible With 4X Fhd Cassettes Or Panels

1U vs 2U vs 4U Servers: What “U” Means & How to Choose in 2026

Learn what a rack unit (U) is, how 1U/2U/4U differ, and how to pick the right chassis height for disks, PCIe/GPU, noise,

IANOS Standard chassis 1U

Efficiently manage fiber cables with the High-Density IANOS Chassis (1U). Supports up to 12 single or 6 double modules, supports 72 ports per 1U, compatible with

HPE Accelerates Service Provider Modernization with AI Infrastructure ...

The new Juniper PTX10002 line of fixed form routers delivers high-density routing in a compact 2RU footprint for AI network fabrics.

Fiberdyne Labs, Inc. 1U FiberPass HD Cassette Chassis

Fiberdyne Labs, Inc. 1U FiberPass HD Cassette Chassis is designed to support Ultra High Density fiber distribution environments; including Data Centers, Cell

9 Best 1U Server Chassis | Stop Overpaying for Air Gaps

For this guide, I sorted through extensive customer feedback and spec sheets across nine distinct chassis designs, weighing real-world complaints about fan noise, drive cage alignment, and I/O

PowerEdge XR4510c | Dell USA

The Dell PowerEdge XR4510C is a 1U high-density server that enables scalability at the edge with a sled-based architecture and multiple mounting options.

Contact Us

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