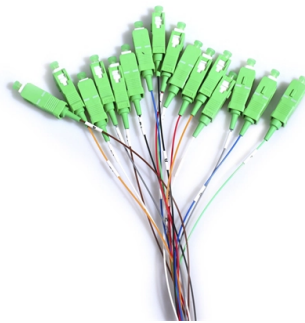


Egyptian server rack cold aisle waterproof type



AI Overview

In Egypt, server racks suitable for cold aisle setups and potentially waterproof designs are available from suppliers like AETRONIX, MASAR Engineering, EG-tech, Dubizzle, and Elhamd Store. Key Considerations

Cold Aisle Compatibility: For data centers using cold aisle containment, racks should allow front-to-back airflow and support perforated doors or vented panels to optimize cooling efficiency. Most standard server racks from Egyptian suppliers, such as those listed by MASAR Engineering and EG-tech, can be configured for cold aisle setups with proper airflow management.

Waterproof or Water-Resistant Features: While fully waterproof server racks are uncommon, some heavy-duty racks offer enclosures with sealed doors, gaskets, and raised lips to protect against minor water exposure or dust ingress. For example, Elhamd Store offers racks constructed from 1.2mm cold-rolled steel with upward bent lips for added strength, which can help reduce water entry in controlled environments. For full waterproofing, custom or IP-rated enclosures may need to be requested from suppliers.

Material and Build Quality:

Steel Construction: Most racks are made from cold-rolled steel, providing durability and stability.

Weight Capacity: Typical racks support 45 lb per shelf or higher, suitable for standard server equipment.

Dimensions: Standard 19-inch rack width is common, with varying heights (e.g., 42U, 45U) to fit multiple servers.

Local Suppliers in Egypt:

AETRONIX Egypt: Offers a range of server racks and network cabinets suitable for professional setups.

MASAR Engineering Industries: Provides network racks and cabinets with airflow-friendly designs for data centers.

EG-tech / ITEGY: Offers multiple rack models; confirm availability and specifications before purchase due to price fluctuations.

Dubizzle Egypt: Local classifieds for new and used server racks, useful...

Article Content

What are hot and cold aisles in the data center?

In its simplest form, hot/cold aisle data center design involves lining up server racks in alternating rows, with cold air intakes facing one way and the hot air exhausts facing the other. The

AETRONIX EGYPT | Enclosures & Server Racks

An e-commerce site of Arab Engineers Co. Ltd., the leading distributor of Electronics, Electrical, Test & Measurement, Tools & Mechanical Components in Saudi Arabia and Egypt.

Data Center Containment System

While looking at the containment systems strategy in white space, there are mainly four types to understand and namely as below, Aisle containment Curtain System/Soft Containment

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Understanding types of containment Data center terminology can sometimes be challenging to understand, especially when discussing types of containment solutions. This page will outline the two

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Server Cabinets | RS

What are server cabinets? Server cabinets, sometimes called data cabinets or server rack cabinets, are a type of storage for rack mount servers. The majority can house 19" server racks (industry standard

Contact Us

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