Ireland Network Server Rack Specifications

Overview

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Key Takeaways

Network server racks in Ireland typically feature 19-inch mounting profiles, depths of 1000mm, lockable perforated doors, and options for airflow, cable management, and power distribution.

Rack Types and Sizes

Standard 19-inch Racks: Most server racks in Ireland conform to the 19-inch industry standard, suitable for servers, switches, and patch panels. Depth: Common external depths are around 1000mm, allowing sufficient space for cabling and airflow. Adjustable mounting depth shelves are available, ranging from 19 inches to 38 inches, to accommodate various equipment sizes.

Height: Racks are available in multiple heights, typically measured in rack units (U), with options from small wall-mounted cabinets to full-height floor-standing racks.

Features and Accessories

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Doors and Panels: Lockable, removable, and perforated front and rear doors (approximately 60% open) for ventilation; side panels are often removable for easy access. Airflow Management: Many racks include vented roofs and hot/cold aisle containment options to optimize cooling efficiency. Cable Management: Integrated cable management systems, including vertical and horizontal organizers, help maintain neat and efficient cabling.

Power Distribution: Racks can be equipped with built-in PDUs (Power Distribution Units) and support for UPS systems for reliable power delivery. Shelving and Mounting: Adjustable shelves, fixed rails, and 1U/2U mounting options allow installation of non-rack-mountable equipment. Security and Stability: Lockable doors, swing handles, and stabilization accessories ensure physical security and structural integrity.

Specialized Options

Soundproof Racks: For office environments, soundproof racks reduce noise while maintaining high equipment density.

High-

Strength Racks: Designed for AI workloads or integrated liquid cooling, offering enhanced structural support and airflow management. Micro Data Centers: Pre-configured enclosures with integrated power, UPS, and environmental monitoring for distributed IT applications.

Vendors in Ireland

Schneider Electric Ireland: Offers APC NetShelter SX, Easy Rack, and Micro Data Center solutions with advanced airflow and containment options. Cable Monkey: Provides a wide range of server cabinets, adjustable shelves, patch panels, and cable management accessories, suitable for low to medium density deployments. Connectix Cabling Systems: Stocks wall-mounted and full-size server racks with next-day delivery options.

Wood Communications: Irish-owned distributor offering a variety of server racks and data cabinets, with expert guidance for selecting the right solution. These specifications and vendor options provide a comprehensive overview for selecting network server racks in Ireland, ensuring compatibility with standard IT equipment, efficient cooling, and secure installation.

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Article Content

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Server Racks | Computer Server Racks | RS

Server racks are structures which are designed to house and organise networking equipment. Server rack enclosures are primarily used for holding servers, but they also house other network devices

Server rack | 57 for sale in Ireland

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Great Lakes Server Cabinets (18U to 47U) | Wood Communications

Great Lakes Server Cabinets – Server Rackmount Cabinet Great Lakes Server Cabinets – From 18U to 47U freestanding network cabinet with both front and rear doors is specially made for placing

Racks and Enclosures Technical Specifications | ServerLT

Technical Specifications We provide detailed technical specifications for each rack and enclosure category to help you make informed decisions. Downloadable

Racks & Cabinets

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