

Hot-selling Nordic surveillance server rack system

Article Overview

Rugged, modular, and high-density 19" server racks from Nordic vendors like Expando, Enoc System, and CCTV Nordic are currently leading the market for surveillance and edge computing applications.

Key Vendors and Solutions

Expando specializes in rugged server racks and workstations designed for surveillance, defense, and aerospace applications. Their HALF19(R) series offers 1U, 2U, and 3U configurations with high-performance Intel(R) Xeon(R) processors, advanced memory, and AI acceleration. These systems are optimized for SWaP-C (Size, Weight, Power, Cost), feature aluminum construction, and can be customized for power, connectors, dust filters, and IP-class requirements, making them ideal for harsh Nordic environments. Enoc System provides modular rack solutions for networks and data centers, manufactured in Sweden. Their systems allow flexible configurations, supporting both standard and customized surveillance setups, which is useful for scaling camera networks or edge computing deployments. CCTV Nordic offers surveillance-specific server racks, such as the 300 series, suitable for smaller installations with up to 32 cameras. These systems support live viewing on dedicated monitors without requiring a separate client machine, making them practical for compact surveillance setups. Racktech supplies a broad range of server racks, cabinets, and cabling solutions for data centers and server rooms, supporting organized and scalable surveillance infrastructure.

Market Trends in Sweden and the Nordic Region

The Swedish data center rack market is growing rapidly, with an estimated size of USD 87.51 million in 2026 and projected growth to USD 135.4 million by 2031 at a 9.12% CAGR. Key trends include:

- o Full Rack configurations dominate, with 42U racks holding the largest revenue share, while 48U racks are growing fastest.
- o Cabinet (closed) racks are the most popular type, capturing 68.75% of the market and showing the fastest growth.
- o Steel racks dominate the market, but aluminum racks are growing fastest due to lightweight and corrosion-resistant properties.
- o Colocation and hyperscale facilities are expanding rapidly, driving demand for high-density, liquid-cooling-ready enclosures suitable for AI and surveillance workloads.

Recommendations

For high-performance surveillance deployments in the Nordic region:



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- o Choose rugged 19" server racks like Expando's HALF19(R) series for harsh environments and edge computing.
- o Consider modular systems from Enoc System for scalable and customizable installations.
- o For smaller setups, CCTV Nordic's 300 series provides cost-effective, ready-to-use surveillance servers.
- o Opt for closed cabinets with 42U or 48U height for maximum density and future-proofing.
- o Evaluate aluminum racks if weight and corrosion resistance are critical, especially for outdoor or mobile surveillance applications. These solutions combine Nordic manufacturing quality, modularity, and ruggedness, making them ideal for both commercial and defense-grade surveillance systems.

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The Nordic Seismic Server Rack Cabinet Market size was valued at USD 21.25 Million in 2025 and is projected to reach USD 36.79

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Live viewing recommended on a dedicated monitor station CN100 / CN200.

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