ComX Computers
Product Specification Sheet

210-ABVS

Dell N4032 - 24x 10GbE RJ45 Port network switch

Product Overview

Dell N210-ABVS N4032 - 24x 10GbE RJ45 Port network switch, 24x 10GbE RJ45 auto-sensing (10Gb/1Gb) fixed ports, Up to 32x 10GbE ports using breakout cables and optional QSFP+ module, One hot swap expansion module bay, Dual hot-swappable redundant power supplies (460W)









Specifications

Overview:

Dell Networking N4032

- 24 10GbE RJ45 auto-sensing (10Gb/1Gb) fixed ports
- Up to 32 10GbE ports using breakout cables and optional QSFP+ module
- One hot swap expansion module bay
- Dual hot-swappable redundant power supplies (460W)

Features:

Upgrade your network

N-Series is a family of energy-efficient and cost-effective 1GbE and 10GbE switches designed for modernizing and scaling network infrastructure. The N4000 Series allows you to apply 10/40GbE wire-speed flexibility to your existing campus network

with high-performance, non-blocking switches that:

- Use MLAG for multipath loop-free redundancy without spanning tree to enable full-bandwidth utilization and high availability
- Promote greater interoperability through interfaces with Cisco's Rapid Per VLAN Spanning Tree (RPVST+)1 and devices using Cisco Discovery Protocol (CDP)
- Offer a more flexible choice in your network by uniting products with the latest open standard protocols
- Feature advanced IPv4 and IPv6 Layer 3 routing, security and scalability features
- Converged network support for DCB with Priority Flow Control (802.1Qbb), ETS (802.1Qaz), DCBx, iSCSI TLV Support.
- Plug-and-play configuration with Dell EqualLogic iSCSI storage arrays with one-command iSCSI setup that alleviates multiple-step configuration and potential configuration errors
- Include OpenFlow 1.3 support for interoperability with industry-standard OpenFlow controllers.

Designed for efficiency
Built to help keep operating costs down, the N4000 Series has Fresh Air capability, enabling them to operate at temperatures up to 113 degreesF (45 degreesC) to help reduce cooling costs. Features designed to improve overall efficiency include:

- Dual hot-swappable 80PLUS-certified efficient internal power supplies
- Redundant variable-speed cooling fans
- Energy-Efficient Ethernet and low-power PHYs to help reduce power to inactive ports and idle links

Advanced feature set to simplify management
The Dell Networking N4000 Series is designed for easy deployment, outstanding interoperability and a low learning curve for network administrators. A single OS release (Dell Networking OS 6) allows you to maintain consistent configurations across all N-Series products with a comprehensive feature set that includes:

- One common command line interface (CLI) and graphical user interface (GUI) that use a well-known command language to help skilled network administrators become productive quickly
- USB auto-configuration that helps network administrators rapidly deploy mirrored configurations to numerous devices by simply inserting a USB key
- A variety of enterprise-class features with familiar and intuitive configuration and management commands
- The latest open-standard protocols and smart integration technologies to help make smoothly operating multi-vendor networks possible

Deploy with confidence at any scale
The resilient stacking architecture of the N4000 Series provides reliable network performance and amazing density for demanding network environments. It also helps future-proof your network investments as enterprises migrate from 10GbE core deployments to 40GbE.

- Data rates up to 1.28Tbps (full duplex) and a forwarding rate of up to 952Mpps
- Scale easily with 10/40Gbps user port stacking supporting up to 160Gbps on N4032 and 320Gbps on N4064 (full duplex) at distances up to 100 meters
- Up to 64 line-rate 10GbE ports per switch using breakout cables and up to 672 10GbE ports in a twelve-unit stack
- Hot swap expansion module supports dual port QSFP+ (8 x 10GbE), quad port 10GBaseT and quad port SFP+
- Switch stacks up to 12 units can be managed via flexible user port stacking at 10Gbps or 40Gbps speeds
- Tool-less ReadyRails kit allow switches to be installed in moments

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/210-ABVS-Dell-N4032-24x-10GbE-RJ45-Port-network-switch-p-197300.php

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