Navijin

DATASHEET

DATA CENTER SWITCHING / DATA CENTER SWITCH

NJD-9928D

4U spine switch, 128 × 400G

PRODUCT PAGE

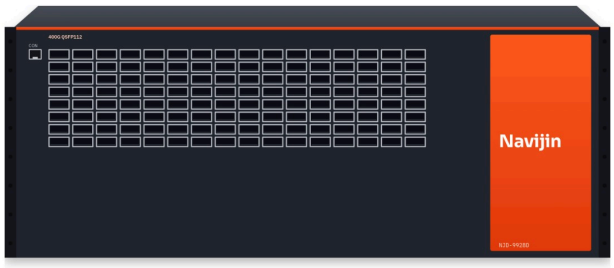
Enterprise & government data centers

Cloud & hosting providers

AI / GPU clusters

Storage networks (RoCE)

NJD-9928D



102.4T	128 × 400G	76.8 Bpps
SWITCHING	QSFP112	FORWARDING

Overview

The Navijin NJD-9928D (4U spine switch, 128 × 400G) is part of the Navijin Data Center Switching family. Flagship 102.4 Tbps spine for hyperscale and AI back-end networks. It is supplied with warranty, local RMA and technical support through Navijin's Dubai hub and authorised partners.

Key Features

- VXLAN, EVPN and M-LAG for leaf-spine fabrics and large Layer-2 domains
- Lossless Ethernet for RDMA/AI clusters: PFC, ECN, WRED and PFC deadlock detection
- BGP/BGP+ with ECMP, UCMP, policy routing and resilient hashing
- Automation: ZTP, NETCONF, RESTCONF/YANG and on-box Python 3
- Hitless operation: ISSU in-service upgrades, hot patches and millisecond BFD failover
- Redundant hot-swap power and fans (N+1), front-to-back airflow, BMC management

Specifications

Ports	128 × 400G QSFP112
Management	1 × console, 1 × GE out-of-band, 1 × USB 2.0

Switching capacity	102.4 Tbps
Forwarding rate	76,800 Mpps
Power	4 hot-swap slots (2+2), 4 × 2000 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC
Max. power	< 4000 W
Cooling	8 hot-swap fans (N+1), front-to-back airflow
Dimensions	442 × 760 × 175 mm (4U)
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing

More features

Also included

- Visibility: sFlow, SPAN/ERSPAN mirroring and per-port pps/bps counters
- Ethernet OAM (802.3ah, 802.1ag, Y.1731) for end-to-end monitoring
- GRE tunnels, NAT and data-plane ACLs (ingress/egress, L3/L4)
- IEEE 802.3az Energy Efficient Ethernet and intelligent fan speed control

Warranty & support Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com** · **sales@navijin.com**

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