Navijin

DATASHEET

DATA CENTER SWITCHING / DATA CENTER SWITCH

NJD-3316

1U data-center switch, 16 × 10G + 8 × 25G + 4 × 100G

PRODUCT PAGE

Enterprise & government data centers

Cloud & hosting providers

AI / GPU clusters

Storage networks (RoCE)

NJD-3316



1.52T	4 × 100G	1U
SWITCHING	UPLINKS	HEIGHT

Overview

The Navijin NJD-3316 (1U data-center switch, 16 × 10G + 8 × 25G + 4 × 100G) is part of the Navijin Data Center Switching family. Compact 10/25G top-of-rack switch for small server rooms and edge data centers. It is supplied with warranty, local RMA and technical support through Navijin's Dubai hub and authorised partners.

Key Features

- Virtual switching system: stack two switches into one logical device
- VXLAN with BGP EVPN control plane: automatic VTEP discovery, tunnel set-up and VNI mapping; spine or leaf role
- M-LAG multi-chassis link aggregation for active-active dual-homed servers
- Lossless Ethernet for RDMA/RoCE storage: PFC, ECN and PFC deadlock detection
- Full L3: static, RIP, OSPF, IS-IS, BGP, policy routing, ECMP, BFD and graceful restart
- IPv6: OSPFv3, BGP4+, RIPng, MLD snooping, DHCPv6 and 6to4/ISATAP tunnels

Specifications

Ports	16 × 10G SFP+, 8 × 25G SFP28, 4 × 100G QSFP28 (40G or 4 × 10G breakout)
Management	1 × console, 1 × GE out-of-band, 1 × USB 2.0

Switching capacity	1.52 Tbps
Forwarding rate	1,130 Mpps
Power	2 power slots, 2 × AC supplies included; 100–240 V AC
Cooling	4 built-in fans, side-to-side airflow
Dimensions	442 × 280 × 44 mm (1U)
Operating temp.	0 – 45 °C, 10 – 90 % RH non-condensing

More features

Also included

- 4K VLANs, QinQ, VLAN mapping, private VLAN; STP/RSTP/MSTP and ERPS rings
- Security: L2–L4 ACLs, DDoS/SYN/UDP flood protection, 802.1X, RADIUS/TACACS+, DHCP snooping, uRPF
- QoS with SP/WRR queues, WRED, CAR, shaping and DSCP/802.1p remarking
- Management via console, SSH, web, SNMP v1/v2c/v3, RMON and sFlow
- IEEE 802.3az Energy Efficient Ethernet; ZTP zero-touch provisioning

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**

Rev. 2026-11. Specifications are subject to change without notice. Navijin and the Navijin logo are trademarks of Navijin Technology Co. All other trademarks are the property of their respective owners. © 2026 Navijin Technology Co. All rights reserved.