Navijin

DATASHEET

CORE SWITCHING / L3 CHASSIS SWITCH

NJC-9008

8-slot 100G core chassis switch

PRODUCT PAGE

Campus & hospital cores | Hotels, malls & airports | ISP & metro aggregation | Utilities & oil and gas

NJC-9008



6	100G	7
LINE-CARD SLOTS	READY	POWER SLOTS

Overview

The Navijin NJC-9008 (8-slot 100G core chassis switch) is part of the Navijin Core Switching family. 100G-ready core for data centers and large enterprise campuses, with PoE line cards. It is supplied with warranty, local RMA and technical support through Navijin's Dubai hub and authorised partners.

Key Features

- Distributed multi-stage switching fabric with line-rate, non-blocking L2/L3 forwarding between cards
- Virtual switching system: cluster two chassis into one logical switch with a single management IP
- Full redundancy: dual supervisors, redundant power and fans, every module hot-swappable
- ISSU in-service upgrades and graceful restart for OSPF/BGP: no traffic loss during upgrades or failover
- 50 ms carrier-grade recovery with BFD, ERPS rings, VRRP and LACP
- L2/L3 MPLS VPN for multi-tenant campuses, utilities and service-provider cores

Specifications

Slots	8: 2 supervisor + 6 line-card slots
Port types	GE, GE PoE+, 10G SFP+, 40G QSFP+, 100G QSFP28

Platform	100G platform; distributed switching fabric; MPLS VPN; virtual switching system
Power	7 power slots; 100–240 V AC
Dimensions	485.7 × 482.6 × 370 mm
Weight (empty)	30.2 kg
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing

More features

Also included

- Complete routing: OSPF, IS-IS, BGP, policy routing; full IPv6 (OSPFv3, BGP4+, RIPng, MLD)
- L2/L3 multicast (IGMP/PIM, MLD) for IPTV, video surveillance and conferencing
- Ethernet OAM (802.3ah, 802.1ag, Y.1731), sFlow traffic analysis
- IEEE 802.3az Energy Efficient Ethernet and intelligent power management

Ordering Information

MODEL	DESCRIPTION
NJC-9008	8-slot chassis with 1 fan tray, 7 power slots (supplies ordered separately)
NJC9008-MSU	Supervisor module
NJC9-PA1300	1300 W AC power supply
NJC9-PA1200P	1200 W AC PoE power supply
NJC9-24GS24GT	Line card, 24 × GE SFP + 24 × GE RJ45
NJC9-48GT	Line card, 48 × GE RJ45
NJC9-48GS	Line card, 48 × GE SFP
NJC9-48GT-POE	Line card, 48 × GE RJ45 PoE/PoE+
NJC9-24GS8XS	Line card, 24 × GE SFP + 8 × 10G SFP+
NJC9-24GT8XS	Line card, 24 × GE RJ45 + 8 × 10G SFP+
NJC9-16XS	Line card, 16 × 10G SFP+
NJC9-48XS	Line card, 48 × 10G SFP+
NJC9-4QS	Line card, 4 × 40G QSFP+
NJC9-24XS6QS	Line card, 24 × 10G SFP+ + 6 × 40G QSFP+
NJC9-6CQ	Line card, 6 × 100G QSFP28

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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