Navijin

DATASHEET

CORE SWITCHING / **L3 CHASSIS SWITCH**

NJC-9014

14-slot 100G core chassis switch

PRODUCT PAGE

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

NJC-9014



576	72	12
× 10G MAX.	× 100G MAX.	LINE-CARD SLOTS

Overview

The Navijin NJC-9014 (14-slot 100G core chassis switch) is part of the Navijin Core Switching family. Flagship core: up to 576 × 10G, 72 × 40G or 72 × 100G ports in one chassis. 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	14: 2 supervisor + 12 line-card slots
Ports (max.)	576 × 10G, 72 × 40G or 72 × 100G

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	755 × 482.6 × 370 mm
Weight (empty)	43 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-9014	14-slot chassis with 2 fan trays, 7 power slots (supplies ordered separately)
NJC9014-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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