Navijin

DATASHEET

GATEWAYS & AP CONTROLLERS / RACK GATEWAY & AP CONTROLLER

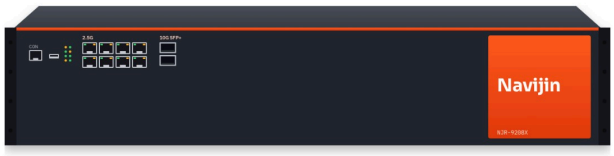
NJR-9208X

2U 8-port 2.5G + 10G SFP+ campus gateway & AP controller

PRODUCT PAGE

Hotels & resorts | Enterprises | Campuses | Hospitals

NJR-9208X



3,000	10G	2U
APS	SFP+ OPTION	RACK

Overview

The Navijin NJR-9208X (2U 8-port 2.5G + 10G SFP+ campus gateway & AP controller) is part of the Navijin Gateways & AP Controllers family. Campus-scale gateway and controller for 3,000 users and 3,000 APs, with optional 10G SFP+ and redundant power. x86 rack gateways with hot standby, for enterprises, hotels and campuses. It is supplied with warranty, local RMA and technical support through Navijin's Dubai hub and authorised partners.

Key Features

- Three operating modes: gateway, gateway + AP controller, or AP controller only
- Multi-WAN bandwidth stacking (PPPoE, DHCP, static IP), multi-dial on one line, WAN groups; IPv4 and IPv6
- Policy routing, load balancing, line speed test and ping detection, with policy-routing logs
- LAN VLANs for data isolation, DNS proxy, LACP and manual port aggregation
- QoS by bandwidth, application priority, IP/domain and protocol
- Access control, ARP defense, MAC filtering, connection limits and DDoS protection

Specifications

Processor	Intel 6-core 3.1 GHz, 12 MB cache
Memory	16 GB DDR4-3200 (4 slots, max 128 GB)

Storage	1 TB 3.5" HDD (2 bays), M.2 SATA and mSATA slots
Ports	8 × 2.5G RJ45 (Intel I225), software-defined WAN/LAN
Options	2 / 4 / 6 × 10G SFP+; redundant power supply
Other I/O	2 × USB 3.0, 1 × RJ45 console
Users	Up to 3,000
Managed APs	2,000 (gateway + AC mode), 3,000 (AC-only mode)
Power	AC 100–264 V, 250 W
Dimensions	440 × 550 × 88 mm (2U, 19")
Weight	10 kg
Operating temp.	0 – 50 °C, 5–85% RH non-condensing

More features

Also included

- Behavior management by time group, IP group, domain and application
- VPN server and client: IPsec, L2TP, PPTP, OpenVPN
- Captive web portal, PPPoE, RADIUS and SMS authentication with user management
- HA hot standby (master/backup) with link and interface monitoring
- AP management: AP list, wireless templates, AP groups, allow/deny lists, bulk firmware upgrade, DHCP defense, AP logs
- Port mapping, UPnP, DMZ, NAT and NAT fast forwarding, DDNS, port mirroring, Wake-on-LAN
- Diagnostics: ping, traceroute and packet capture, with fault alerts
- Web management with site topology, device groups and alarms

Ordering Information

MODEL	DESCRIPTION
NJR-9208X	8 × 2.5G RJ45, single PSU
NJR-9208X-2S	+ 2 × 10G SFP+
NJR-9208X-4S	+ 4 × 10G SFP+
NJR-9208X-6S	+ 6 × 10G SFP+
-RP	Redundant PSU option (append to any model)

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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