Navijin

DATASHEET

GATEWAYS & AP CONTROLLERS / INDUSTRIAL GATEWAY & AP CONTROLLER

NJR-7107

PRODUCT PAGE

Industrial 7-port gateway & AP controller, -40 to 80 °C

Factories | Utilities | Transport | Oil & gas sites

NJR-7107



-40~80 °C	DIN	2,000
OPERATING	RAIL	APS

Overview

The Navijin NJR-7107 (Industrial 7-port gateway & AP controller, -40 to 80 °C) is part of the Navijin Gateways & AP Controllers family. Fanless DIN-rail gateway for factories, utilities, transport and outdoor cabinets. Wide-temperature DIN-rail gateways for factories, utilities and transport. 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 quad-core 1.91 GHz, 22 nm, 2 MB cache
Memory	8 GB DDR3L

Storage	64 GB industrial mSATA SSD + SATA port
Ports	7 × 1G RJ45 (Intel I210), software-defined WAN/LAN; option: 4 of the 7 as 1G SFP
Other I/O	2 × USB 2.0, RJ45 console, RS485 (3-pin terminal), VGA
Cellular	Optional 4G (Mini PCIe)
Users	Up to 1,000
Managed APs	500 (gateway + AC mode), 2,000 (AC-only mode)
Power	Dual 9–36 V DC inputs with power-fail alarm (6-pin terminal); 12 V / 5 A adapter
Mounting	DIN rail
Dimensions	158 × 122 × 61 mm
Weight	3.5 kg
Operating temp.	-40 – 80 °C, 5–85% RH non-condensing
Storage temp.	-40 – 85 °C

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-7107	7 × 1G RJ45
NJR-7107-4F	3 × 1G RJ45 + 4 × 1G SFP
-L	4G module option (append)

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.