Navijin

DATASHEET

4G / 5G ROUTERS / INDUSTRIAL 4G ROUTER

NJL-3505

Industrial 4G router with RS232/485, Wi-Fi 5 and Gigabit

PRODUCT PAGE

Remote sites | Vending & kiosks | Meters & PLCs | Vehicles

NJL-3505



5 × GE	1200	64
PORTS	MBPS WI-FI	USERS

Overview

The Navijin NJL-3505 (Industrial 4G router with RS232/485, Wi-Fi 5 and Gigabit) is part of the Navijin 4G / 5G Routers family. Industrial 4G router with dual-band Wi-Fi and five Gigabit ports for cameras and controllers. Metal-housing 4G routers with serial ports and wide-voltage power. It is supplied with warranty, local RMA and technical support through Navijin's Dubai hub and authorised partners.

Key Features

- RS485/232 to MQTT transparent transmission
- 4G LTE Cat 4: up to 150 Mbps down / 50 Mbps up
- Physical SIM + eSIM for carrier redundancy
- Wired-first with automatic 4G failover
- RS232 / RS485 serial port for PLCs, meters and sensors
- Metal housing; 9–48 V DC with reverse-polarity, surge and ESD protection

Specifications

Cellular	4G LTE Cat 4 (150 / 50 Mbps)
Wi-Fi	802.11ac 2×2 dual band: 300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)
Ports	1 × WAN/LAN + 4 × LAN 10/100/1000 Mbps RJ45; 1 × RS232/485
SIM	Mini-SIM + eSIM
Users	Up to 64

Antennas	2 × external 5 dBi 4G, 2 × external 5 dBi Wi-Fi
Memory / flash	256 MB / 16 MB
Power	9–48 V DC terminal block or 48 V PoE in
Dimensions	140 × 90 × 30 mm
Weight	0.4 kg
Operating temp.	-40 – 70 °C, 5–95% RH non-condensing

More features

Also included

- VPN client: PPTP, L2TP, OpenVPN; IPsec
- Web management; monthly data counters and limits

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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