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ONE-PAGE SPEC SHEET

NK R400

5G RedCap Industrial Router | Qualcomm SDX35 Platform

CELLULAR

Chipset	Qualcomm SDX35 — 5G RedCap (NR-Light), 3GPP Rel. 17
5G Speed	DL up to 220 Mbps / UL up to 100 Mbps (typical)
SIM	1x Nano-SIM (3V/1.8V); eSIM available on request

5G NR Bands (26): n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n30, n38, n40, n41, n48*, n53, n66, n70, n71, n77, n78, n79

LTE Bands (28): B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B30, B34, B38, B39, B40, B41, B42, B43, B48*, B66, B71

**n48/B48 = U.S. CBRS (3550–3700 MHz) for private/shared spectrum*

WI-FI & INTERFACES

Wi-Fi	802.11b/g/n, 2.4 GHz, 2T2R (optional), up to 300 Mbps
Ethernet	2 or 5x 10/100 Mbps LAN, Auto MDI/MDIX
Antennas	2x SMA cellular MIMO + 2x SMA Wi-Fi (optional)
Serial	1x TTL console; 1x RS-485 terminal block (optional)
Power	12 VDC, 5.5x2.1mm interlock jack

PHYSICAL & ORDERING

Dimensions	120 x 78 x 29 mm | ~0.3 kg
Operating Temp	-20°C to +70°C
NK R400-C	2-port: 1x WAN, 1x LAN
NK R400-D	5-port: 1x WAN, 4x LAN

KEY FEATURES

- Qualcomm SDX35 5G RedCap modem with LTE-A fallback
- Broad global 5G Sub-6 + LTE band support
- U.S. CBRS (n48) for private/shared spectrum
- Compact industrial aluminum enclosure
- Linux / OpenWrt embedded OS
- TR-069/CWMP ACS-ready remote management
- Optional RS-485 for SCADA/industrial I/O

Contact NetKonnekt

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Specifications subject to change without notice. Performance figures are typical/module-rated and may vary by network and carrier configuration. Certification (FCC/CE/IC): pending.