Rugged 5G Mobile Router for Private LTE Mobile Networks

PART NUMBER

NWT-SL5G

PRODUCT DESCRIPTION

The SL5G Rugged 5G LTE Router is designed for demanding industrial environments, providing reliable high-speed 5G connectivity. Its robust construction and IP67-rated enclosure ensure dependable performance in extreme conditions, making it ideal for critical applications in industries like mining, transportation, and remote infrastructure.

PRODUCT OVERVIEW

- The SL5G delivers high-speed, low-latency 5G LTE connectivity, supporting a wide range of use cases, from mobile operations to fixed industrial deployments. Engineered for durability, this router offers secure, high-bandwidth connections, even in harsh environments. With extensive band support and carrier certifications, the SL5G ensures global compatibility and uninterrupted communication, whether in the field or on the move.

5G CLIENT RADIO/GATEWAY

5G Chipset	Qualcomm® Snapdragon™ X62
3GPP Release	3GPP Rel. 16
Carrier Aggregation	5CA with 4 x 4 MIMO and 256 QAM
5G NR Bands	n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79
LTE FDD Bands	B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71
LTE TDD Bands	B34/38/39/40/41/42/43/48; LAA: B46
WCDMA Bands	B1/2/4/5/8/19
Certified Carriers	T-Mobile, Verizon, AT&T, NTT DOCOMO, Deutsche Telekom, Telstra, Telefónica
Private LTE	Yes, Including CBRS / OnGo
Certifications	FCC (XMR2022RM520NGL), PTCRB, CE, Anatel, CCC, RCM, IC, JATE, KC
MIMO	Sub-6: DL 4 x 4, UL 2 x 2
CPUB Core/Threads	2 Cores / 4 Threads
CPU Frequency	880 MHz
RAM	256 MB
Ethernet	10/100/1000 Mbps M12 X-Code (Female) (1 PoE, 1 Data Only)
Poe Input	Active 803.2at, 7w (idle) 24w (maximum)
Encryption	AES-256+RSA Cert

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