

# Skywire 4G LTE CAT 4 NA

The Skywire<sup>®</sup> 4G LTE CAT 4 embedded modem is ideal for delivering fast, reliable cellular connectivity for products in North America. The modem supports GNSS, dual SIMs, a single SKU for North American carrier networks and onboard network stacks.

## Features

- Skywire Form-Factor
- All RF Engineering contained within the modem
- Carrier End-Device certified
- U.FL port for flexible antenna options
- Band 14 support – FirstNet ready
- Dual SIM support with integrated solder down SIM and external 3FF SIM card slot
- Direct module access via Serial UART or USB
- GNSS support for GPS, Glonass, Beidou, Galileo, and QZSS
- Multi-Carrier Support on a Single Device
- Skywire family pin compatibility
- RoHS compliant
- Development kits available

## Advantages

- CAT 4 LTE Speeds (Up to 150 MB down/50 MB up)
- Easily connect to AT&T, Bell, Rogers, Telus, Verizon
- Improved reception with RX diversity
- 10 Band LTE support
- Integrated GNSS support
- Data plans available



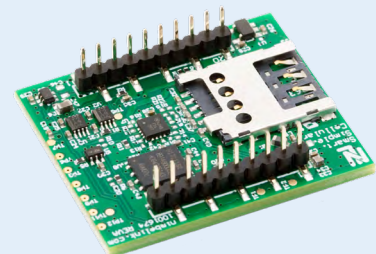
### Part Number

### Description

**NL-SW-LTE-SRC7611-4** Skywire LTE Cat 4, North America, GNSS

## About The Skywire Family

Skywire cellular modems are designed to make cellular integration fast and easy. Exceptionally small, pin-compatible, end-device certified, Skywire modems enable developers to quickly and reliably connect IoT products to cellular networks around the world. Skywire modems are backed by industry leading documentation and expert-level product support.



## Technical Specifications (NL-SW-LTE-SRC7611-4)

<b>Target Region</b>	
	North America
Compatible Carriers	AT&T, Bell, Rogers, Telus, Verizon
<b>Cellular Technology</b>	
LTE Category	LTE CAT 4
LTE Frequency Bands	FDD B2[1900], B4[1700], B5[850], B12[700], B13[700], B14[700], B25[1900], B26 [850], B66[1700], B71[600]
3G Technology Supported	N/A
3G Frequency Band	N/A
2G Technology Supported	N/A
2G Frequency Band	N/A
<b>Data Speeds</b>	
Download Rate and Upload Rate	Download: LTE: 150 Mbps Upload: LTE: 50 Mbps
<b>Hardware</b>	
Form Factor	Skywire Interface
Dimensions	29mm x 33mm x 10.5mm
Weight	8 grams
<b>Internet Protocols</b>	
Network Stack Support	Integrated TCP/IP, UDP/IP, HTTP, FTP, SSL/TLS, SMTP, IPv4/IPv6, NITZ, PING, PPP Stacks
SMS	SMS over IMS
<b>Location</b>	
GNSS	GPS, Glonass, Beidou, Galileo, and QZSS
<b>Power</b>	
Supply Voltage	3.0V-5.5V
I/O Voltage	1.65V - 5.5V
Current Consumption	Average N/A   Peak N/A   Idle N/A   Sleep N/A
<b>Interfaces</b>	
Data Interface	UART, USB (USB 2.0 compliant)
USB Driver Support	OS: Windows 10   Linux Drivers: MBIM   ECM   RIL   WMI   PPP   RmNet   QMI   NMEA   AT Console
RF	Primary (U.FL), Rx Diversity and MIMO DL 2x2 (U.FL)
<b>SIM</b>	
Type	Integrated Verizon SIM, external 3FF slot
<b>Approvals</b>	
Regulatory Certifications	FCC, IC, PTCRB (In-Progress)
Carrier Approvals	AT&T (In-Progress), Rogers (In-Progress), Telus (In-Progress), Verizon (In-Progress)
Compliance	RoHS compliant
<b>Temperature Range</b>	
Industrial Grade	-40°C to +85°C
<b>Support and Warranty</b>	
	1 Year standard warranty

### About NimbeLink

NimbeLink is the world's most trusted partner for cellular solutions for the Industrial Internet of Things (IIoT). The Skywire® series of cellular embedded modems, enable dramatic reduction in development and time-to-market. NimbeLink also develops and markets complete, highly configurable edge-to-enterprise Asset-Tracking Solutions.

**For more information, visit [NimbeLink.com](http://NimbeLink.com)**

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