

SKYWIRE® LTE CAT 1 AT&T AND T-MOBILE END-DEVICE CERTIFIED MODEM

NimbeLink is the leading provider of cellular technology, solutions, and services. The company has extensive experience in designing and building embedded product solutions. Because of this experience and the company’s design review program, products using the NL-SW-LTE-S7648 embedded modem will be developed and deployed right the first time. The NL-SW-LTE-S7648 is end-device certified and enables the fastest and most cost-effective time to market. With NimbeLink’s tried and trusted processes there is no “going back to the drawing board.”

Created by a product company for product companies, the NL-SW-LTE-S7648 includes the required carrier, FCC, and IC certifications, and is available with data plans from all major North American carriers. The product has been created using the latest 4G LTE technologies.

NimbeLink’s Skywire customer relationships do not end when a product has been deployed. The company offers a continuum of customer care and support that ensures that the process and overall experience remains positive through the entire product and relationship lifecycle.

The NimbeLink team and NL-SW-LTE-S7648 Skywire modem take the complexity out of designing and deploying cellular IoT solutions, and get you to market fast!

FEATURES

- No carrier certification required
- Antenna independent
- USB and UART serial interfaces
- Small form-factor
- Skywire interface
- U.FL port for antenna flexibility
- RoHS Compliant

ADVANTAGES

- FCC & IC Certified
- Longest Network Life
- Improved reception with RX diversity
- 3V-5V input
- Lower cost than LTE CAT 3-4 modems

PRODUCT BRIEF

PART NUMBERS	DESCRIPTION
NL-SW-LTE-S7648	Skywire, LTE CAT 1, AT&T, T-Mobile, Canada



TECHNICAL SPECIFICATIONS**NL-SW-LTE-S7648**

TARGET REGION	
---	North America
4G LTE	
Category	CAT 1
Frequency Band	B2, B4, B12
DATA SPEEDS	
Download Rate	CAT 1: 10Mbps
Upload Rate	CAT 1: 5Mbps
HARDWARE	
Form Factor	Skywire Interface
Dimensions	29mm x 33mm x 10.5mm
INTERNET PROTOCOLS	
---	PPP, TCP, UDP, SSL, TLS, FTP, HTTP(S)
POWER SUPPLY	
Supply Voltage	3V to 5.5V
Current Consumption	640 mA (Typical)
Power Save Mode	1.7 mA
Receive Sensitivity (Typical)	LTE B2: -93 dBm LTE B4: -93 dBm LTE B12: -96 dBm
INTERFACES	
Type	UART, USB (USB 2.0 compliant)
SIM SLOT	
Type	3FF SIM card slot
APPROVALS	
Regulatory	FCC, IC, PTCRB
Carrier	AT&T, T-Mobile
Compliance	RoHS compliant
TEMPERATURE RANGE	
Industrial Grade	-40°C to +85°C
SUPPORT AND WARRANTY	
---	1 Year standard warranty

**CONTACT A NIMBELINK SALES PROFESSIONAL**

612-285-3433

www.NimbeLink.com/contact-us**ONLINE**www.NimbeLink.com