Skywire™ LTE CAT4

End-Device Certified Modem

Add robust cellular connectivity to your M2M devices without the cost, delay, and hassle of federal and carrier certifications. Extensive experience in designing and building embedded product solutions makes the NimbeLink Skywire™ end-device certified modems the smallest and first to market with LTE CAT 4 technology. Its U.FL port ensures antenna flexibility. It complies with the XBee® standard interface and supports LTE and UMTS communication, minimizing costs of hardware and network access. And Verizon's commitment to the LTE network helps ensure the longest product life.

The NimbeLink Skywire is available with bundled data plans from leading cellular carriers. The current version supports Verizon's network. Other products in the lineup include GSM and CDMA 1xRTT, and our solutions let you quickly, easily, and economically incorporate fully-compliant cellular connectivity into devices without having to apply for certification. Take the complexity out of designing cellular M2M solutions.

Take the complexity out of designing cellular IoT solutions with NimbeLink's Skywire.

Product Brief

Part Numbers	Description
NL-SW-LTE-S7588-V	Skywire™ LTE CAT 4 Modem Based on Sierra Wireless AirPrime® HL7588 Module (Verizon Model)
NL-SW-LTE-S7588-T	Skywire™ LTE CAT 4 Modem Based on Sierra Wireless AirPrime® HL7588 Module (AT&T and others Model)

Features

- Industry's smallest
- U.FL port for antenna flexibility
- XBee® interface standard
- 4G LTE CAT 4 with 3G HSPA+ fallback

Advantages

- FCC Certified
- Longest Network Life
- CAT 4 LTE Speeds (150 MB down/50 MB up)
- Improved reception with RX diversity
- 3V-5V input
- Penta-Band LTE and Dual-band UMTS
- (Supported Bands) LTE B2, LTE B4, LTE B5, LTE B13, LTE B17, UMTS B2, UMTS B5

XBee® is a registered trademark of Digi International

Technical Specifications

NL-SW-LTE-S7588

Form Factor	
	Skywire™, XBee® Standard Interface
	22mm x 23mm x 2.5mm
Frequency Bands	
	LTE: B2/B4/B5/B13/B17
	HSPA+ Fall-back: Release 9 & Category 24 on B2 & B5
Approvals	
	Regulatory: FCC, PTCRB
	Carrier: Verizon, AT&T and others
Modem Communication	
	UART and/or USB
Speeds	
	CAT 4 speed capable of 150Mbps download
	50Mbps upload
Current Consumption	
	Input voltage: 3V-5.5Vdc
	I/O voltage: 1.65V-5Vdc
	Sleep mode: 1.4mA Typical
	Communication mode: 560-750mA Typical
Temperature Range	
	Operating and storage temperature -40C to +85C (Non-Condensing)
Antenna Specifications	
	U.FL Primary and diversity
SIM Slot	
	Micro SIM connector
Cloud Services	
	FOTA through AVMS
Support and Warranty	
	1 Year standard warranty

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Smart. Simple. Cellular.

Contact a NimbeLink Sales Professional
612-285-3433

Email Us
www.NimbeLink.com/contact-us

Online
www.NimbeLink.com

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