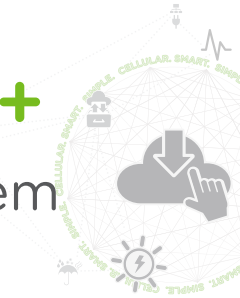


# Skywire 3G HSPA+

## 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 on the market. Its U.FL port ensures antenna flexibility. It complies with the XBee® standard interface and supports HSPA+ communication, minimizing costs of hardware and network access.

The NimbeLink Skywire™ cellular modem is available with bundled data plans from leading cellular carriers. This product supports HSPA+ and includes a Micro-SIM card slot that can accommodate Micro-SIM form-factor SIM cards from any carrier. Other footprint compatible products support 1xRTT, EVDO and LTE, and like our other products will let you quickly, easily, and economically incorporate fully-compliant cellular connectivity into devices without having to apply for certification.

## Product Brief

Take the complexity out of designing cellular M2M solutions.

NimbeLink.  
Smart. Simple. Cellular.

Part Numbers	Description
NL-SW-HSPA	Skywire™, HSPA+, GPS, global
NL-SW-HSPAP	Skywire™, HSPA+
NL-SW-HSPAPG	Skywire™, HSPA+, GPS
NL-SW-HSPAPE	Skywire™, HSPA+, European Version
NL-SWDK	Skywire™ Development Kit (modem not included)

## Features

- Industry's smallest form-factor
- 2 U.FL port for antenna diversity
- 1 U.FL for GPS & GLONASS
- Easy migration path, future-proof
- XBee® interface standard
- Development kits available
- Capable of 21 Mbps download / 5.7 Mbps upload speed

## Advantages

- Approvals: FCC, GCF, PTCRB, AT&T, CE
- Supports GPS & GLONASS
- Migration path to new LTE categories
- Bundled data plans available

# Technical Specifications

NL-SW-HSPA

<b>Form Factor</b>	Skywire™, XBee® Standard Interface 29mm x 33mm x 10.5mm
<b>Approvals</b>	Regulatory: FCC, GCF, PTCRB Carrier: AT&T and T-Mobile
<b>Speeds</b>	3.1Mbps Download 1.8Mbps Upload
<b>Current Consumption</b>	Input voltage: 3.4V-4.2Vdc I/O voltage: 1.65V-5.5Vdc Sleep mode: 1.2mA Normal: 12.2mA Active call: 580mA
<b>Temperature Range</b>	Operating and storage temperature -40C to +85
<b>Antenna Specifications</b>	1 U.FL primary
<b>SIM Slot</b>	3FF Micro SIM connector
<b>Support and Warranty</b>	1 Year standard warranty



**Contact a NimbeLink Sales Professional**  
612-285-3433

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