

# SIM Card Datasheet

NimbeLink Corp

Updated: March 2017



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# 1. Introduction

## 1.1 Orderable Part Numbers

Orderable Device	Operating Temperature	Description	Network Type
NL-SIM-VOD	-25°C to +85°C	Micro-Sim, 3FF size, Commercial Temp SIM Card	Vodafone
NL-SIM-ATT	-25°C to +85°C	Micro-Sim, 3FF size, Commercial Temp SIM Card	AT&T
NL-SIM-TMO	-25°C to +85°C	Micro-Sim, 3FF size, Commercial Temp SIM Card	T-Mobile
NL-SIM-SPR	-25°C to +85°C	Micro-Sim, 3FF size, Commercial Temp SIM Card	Sprint

## 1.2 Product Overview

A 4G LTE connected devices require a SIM card in order to connect to the network. The NL-SIM-VOD, NL-SIM-ATT, NL-SIM-TMO, and NL-SIM-SPR from NimbeLink are Vodafone, AT&T, T-Mobile, and Sprint approved SIM cards.

## 1.3 Compatible Products

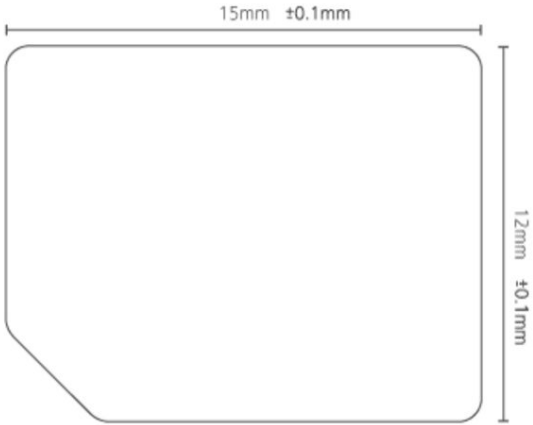
The SIMs from NimbeLink are compatible with all devices designed to work on the respective networks, including non-NimbeLink modems.

### 1.3.1 NimbeLink Compatible Products

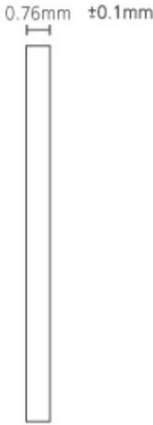
Orderable Device	Description
NL-SW-LTE-TNAG	Skywire®, LTE CAT3 with HSPA+ and GPRS fallback
NL-SW-LTE-HSPA	Skywire, HSPA+ with GPRS fallback, global connectivity
NL-SW-LTE-S7588-T	Skywire, LTE CAT4 with HSPA+ fallback

# 1.4 Mechanical Diagram

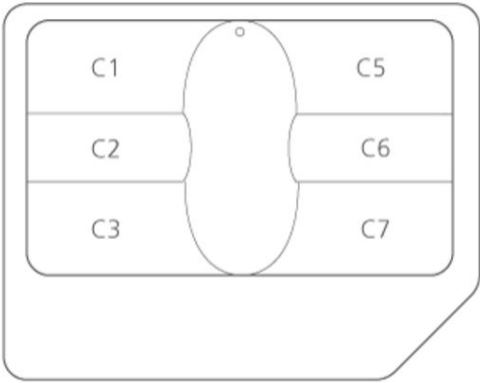
\*Front of SIM card



\*Side View



\*Back of SIM card



## 2. Technical Specifications

### 2.1 Specifications

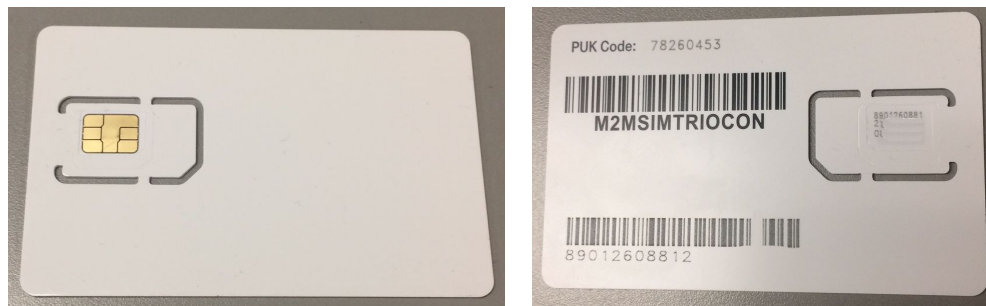
Description	Value	Units
Supply voltage	1.8/3/5	Volts
Humidity	85% non condensing	8hrs
Corrosion	5% NaCL	24hrs
Fretting Corrosion	>100,000 >10,000	Contact Landing Contact Grinding
Data Retention Time	10	Years
Minimum Updates	500,000	
Dimensions	15 x 12 x 0.76	mm
Weight	>0.20	Grams

### 3. Product Images

#### 3.1 NL-SIM-ATT



#### 3.2 NL-SIM-TMO



#### 3.3 NL-SIM-VOD

