

Mini-PCI Express Adapter Board

NimbeLink's mini PCI express adapter board is designed to let product developers add Verizon cellular connectivity to any device with a mini-PCIe slot—embedded PCs, laptops, or custom PC boards—without the cost and delay of obtaining FCC and carrier certification in a variety of applications including:

- Kiosks
- Digital signage
- Security panels
- Surveillance equipment
- Control panels

The PCIe adapter board accepts any of NimbeLink's certified Skywire™ cellular modems, which are the smallest in the industry. The standard half-size PCIe adapters, with choice of compact Skywire modem, fit easily within most of today's miniaturized devices. If the customer's device only accepts a full-size card, the PCIe and modem can plug into a half-to-full-size adapter. Customers can purchase the PCIe adapter board from NimbeLink distributors or manufacture their own using NimbeLink-provided design files, bill of materials, and PCB gerbers.

Features:

- Accepts all Skywire certified 2G, 3G, and LTE modems
- Compact size fits directly onto boards with mini-PCIe slots
- Plug-and-play operation with Linux, Windows 7 & 8.1, and Windows Embedded
- Customer can use any antenna without requiring re-certification

Advantages:

- Fast incorporation of Verizon and other cellular access without certification cost
- Eliminates the need for chip-down modem development
- Allows compact device layout
- Requires no software development on Linux and just addition of a USB driver on Windows

Product/Solution Brief



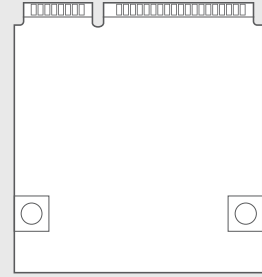
Part Numbers	Description
NL-AB-MPCIE	Mini PCI Express Adapter Board

Technical Specifications

Compatible products	All Skywire modems
Power	3.3V
Active call	720mA - 1.5A
Normal	29mA
Power saving	1.1mA
Temperature range	-40C to +85C
Communication Type	USB
Dimensions	33mm x 34mm x 12mm

Mechanical Drawing

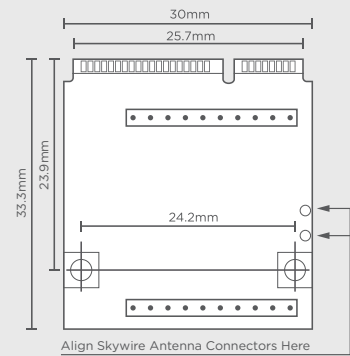
Bottom View



Side View



Top View



Contact a NimbeLink Sales Professional

612-285-3433

Email Us

Sales@NimbeLink.com

Online

www.NimbeLink.com

