



Mini-PCI Express Adapter Board

Airgain'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 mini-PCIe adapter board accepts all of the NimbeLink end-device certified modems, except for the NL-SW-HSPA. The standard half-size PCIe adapters, with choice of compact NimbeLink 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 Airgain distributors or manufacture their own using Airgain provided design files, bill of materials, and PCB gerbers.

FEATURES

- Accepts certified 2G, 3G, and LTE NimbeLink 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

PART NUMBER

	DESCRIPTION
NL-AB-MPCIE	Mini-PCI Express Adapter Board

TECHNICAL SPECIFICATIONS**COMPATIBLE PRODUCTS**

All NimbeLink modems, except for NL-SW-HSPA

COMMUNICATION TYPE

USB

CURRENT CONSUMPTION

Sleep mode: 1.1mA

Normal: 720mA - 1.5A

Active call: 3.3V

TEMPERATURE RANGE

Operating and storage temperature -40°C to 85°C

DIMENSIONS

33mm x 34mm x 12mm