

USB-to-Ethernet Converters for ACCESS, NX and BRIC-Link II/III Products

Comrex ACCESS, NX and BRIC-Link II products allow for connection of a standard USB-to-Ethernet converter in order to create additional Ethernet ports. This is especially useful on devices with only one built-in Ethernet port, as these codecs can now use the multi-Ethernet capabilities provided by CrossLock.

In our testing, we have found that both the hardware and Linux drivers for this hardware vary in performance and reliability. Over the course of hours, days, or months connectivity in some of these devices can fail. Usually, the only recourse to bring the device back on-line is to reboot the codec.

Based on our testing, we now only recommend use of adapters that utilize the Realtek RTL8153 chipset. While adapters based on other chipsets may work, they have not been qualified by Comrex for long-term durability.

As the market for adapter chipsets is quite dynamic, this recommendation may be updated based on product availability.

Only codec firmware 4.3p7 and above contain the correct driver for these adapters. Please upgrade to the latest firmware if necessary before using them.

Three adapters using these chipsets that we have tested and recommend are:

- Edimax Model: EU-4306
- Linksys Model: USB3GIG
- UGREEN Model: CR111