

## PXE Boot from DisplayLink

From the world leader in universal docking, DisplayLink offers a suite of PXE (Pre-eXecution Environment) boot drivers for PCs. The DisplayLink PXE boot driver allows the host PC to utilize the integrated USB Ethernet interface in a DisplayLink dock to work transparently in a PXE boot sequence from the host. The PXE driver suite supports both UEFI and Legacy boot environments.

The DisplayLink PXE boot drivers support the standard USB NCM protocol. They have been successfully integrated into Phoenix, AMI and Insyde BIOSes.

## Features

- UEFI Driver
  - Based on UNDI or SNP
- Legacy PXE Boot support
  - Binary or open source Legacy code available
- 32 and 64-bit support
- Release and debug driver versions available
- IPV4 and IPV6
- Multicast and Broadcast
- UEFI Secure boot process



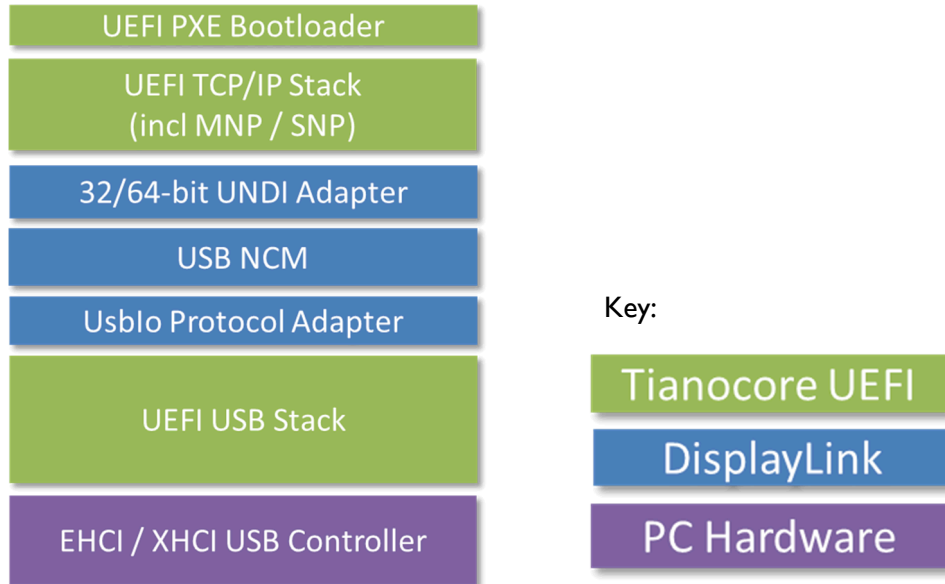
## Benefits

- Extension of Universal Dock capability to the PXE environment
- Support for IT departments for booting or provisioning of PCs using existing PXE infrastructure
- Works with any existing DisplayLink enabled docking station with DisplayLink Ethernet

# PXE Boot

## UEFI Boot Modules

DisplayLink supplies two forms of PXE boot for the UEFI (Unified Extensible Firmware Interface) environment: UNDI (Universal Network Device Interface) driver and SNP (Scalable Networking Pack) interfaces.



## Legacy Boot Module

Many IT departments continue to use older server platforms that do not conform to the UEFI PXE boot specification. The Legacy installations require older-style BIOS PXE boot protocols. DisplayLink offers a Legacy PXE boot driver binary or an [open source solution](#) to support these customers extending the concept of universal docking support.

