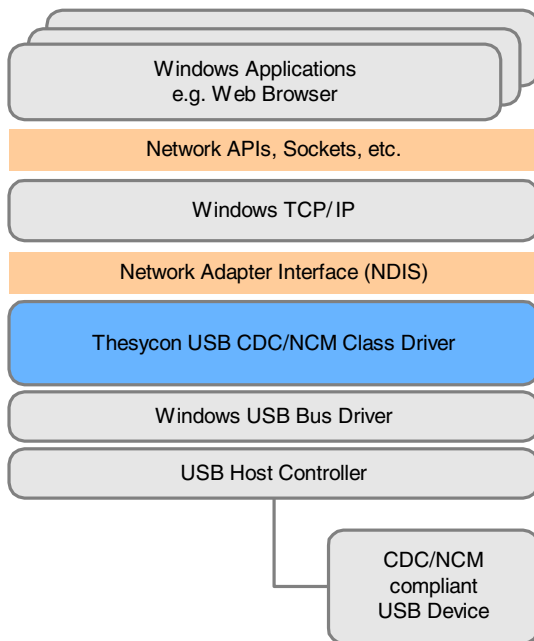


USB CDC/NCM Class Driver for Windows



Thesycon's USB CDC/NCM device driver provides a network adapter emulation on Windows operating systems by implementing the NCM protocol on USB. NCM stands for Network Control Model and is an Ethernet emulation protocol defined by the USB Implementers Forum. The protocol is optimized for high throughput.

The driver supports all current Windows desktop operating system versions and works with devices that are compliant to the Communication Device Class (CDC) specification, subclass Network Control Model (NCM).

Features

NDIS Support. Exposes a network adapter interface according to the NDIS 5.1 model (NDIS 5.0 on Windows 2000).

Plug&Play. The driver fully supports plug and play.

Power Management. The driver supports the Windows power management model. The network adapter is not stopped when the PC enters standby, sleep or hibernate. A device with Auto-IP address negotiation is not required to restart the negotiation after resume from a power down state.

MAC Address. By default, the driver uses the MAC address reported by the device. If the device cannot provide a MAC address, the driver can use a MAC address defined in the INF file.

IP Address. The IP address of the adapter can be assigned via DHCP, Auto-IP, or manually.

Multiple USB Interfaces. The NCM class driver can be used with devices that implement multiple USB interfaces. A separate network adapter instance will be created for each NCM interface. Thesycon offers a multi-interface driver that is required to build an individual device node for each interface. For information on Thesycon's USB Multi-Interface Driver, check out <http://www.thesycon.de/usbmultiinterface>.

WHQL Certification. The driver conforms to Microsoft's Windows Driver Model (WDM) and NDIS, and it can be certified by Windows Hardware Quality Labs (WHQL) for all current 32-bit and 64-bit operating systems.

Supported platforms	x86	x64
Windows 7	✓	✓
Windows Vista	✓	✓
Windows XP	✓	✓
Windows 2000	✓	—

A similar driver is available soon for Windows CE.

For the complete list of operating systems, please refer to the manual.

Easy Installation

Using Thesycon's [PnP Driver Installer](#) it is very easy to create a specific setup wizard that handles driver installation, un-installation and update in a comfortable and reliable way. For more information on PnP Driver Installer, check out <http://www.thesycon.de/pnpinstaller>.

Licensing

A runtime license permits royalty-free distribution of the driver together with devices. In addition, a source code license is available. For complete license conditions and prices please contact Thesycon.

A free evaluation package is available for download at <http://www.thesycon.de/cdncm>.

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