




# Device Driver Windows (NXDRV-WIN)


### Releases

	Current release:	<ul style="list-style-type: none"><li>V1.5.0.0 (NXDRVWIN)</li></ul>	For previous versions see version history.
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### Supported Operating Systems

Operating System	Windows XP		
Driver Version	V1.0.0.0		
Architecture	x86	x64	x86
Status			

### General Information


	<b>Features</b>
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### News

#### Blog Posts

- [cifX Device Driver V1.5.0.0 for Windows released](#) created by Robert Mayer 2018-09-28 cifX Device Driver
- [cifX Device Driver V1.4.0.0 for Windows released](#) created by Robert Mayer 2018-09-20 cifX Device Driver
- [cifX Driver V1.3.0.0 for Windows supporting Windows 10 Secure Boot published](#) created by Robert Mayer 2018-03-22 cifX Device Driver
- [cifX Device Driver V1.3.0.0 for Windows released](#) created by Robert Mayer 2016-02-22 cifX Device Driver
- [cifX Device Driver V1.2.6.0 for Windows released](#) created by Robert Mayer 2015-08-10 cifX Device Driver

### FAQs


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- Based on the cifX Toolkit source
- x86 and x64 (also known as AMD64) support for Vista, 7, 8/8.1 and Windows 10
- Support for PCI, PCIe, PC/104, PCI-104, ISA netX based hardware
- Unlimited number of cifX boards supported

### Limitations

- What does error CIFX\_DEV\_NOT\_READY (0x80000012) mean?
- What does error CIFX\_DEV\_NOT\_READY (0x80000011) mean?

- Windows Plug & Play power save mode supported by the driver
- **Attention:** The actual netX hardware states are not stored and will be lost during power down! On system wake-up the hardware is re-started like on system power-on.
- No IA64 support
- Response times of driver calls are operating system and system load depending
- Deterministic response times can't be guaranteed

For more details click [here](#).

- What does error CI\_FX\_D\_EV\_FUNCTION\_IO\_N\_FAILURE\_D (0x800C0025) mean?
- What does error CI\_FX\_D\_EV\_EXCHANGE\_FAILURE\_D (0x800C0022) mean?



## Description

The CIFX/netX device driver is a kernel-mode driver that runs in Ring 0 of the operating system and supports the Windows plug-and play mechanisms.

ISA, PCI and PCI/e components are supported and can be combined arbitrarily using an unlimited number of components.

The user application uses a Windows API DLL to communicate with the driver. The DLL provides a simple C function interface (CIFX-API) and can be linked statically or dynamically to an application. Both driver and API DLL are available for 32/64Bit Windows systems.

For more details click [here](#).

- Why does xC handle IR es et() returns and the protocol stack is still not configurable (subsequent functions returning Error: 0x80000012)?

[more FAQs](#)

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## Road map

For more details click [here](#).

## Documentation

Page	Document type	Document title	Content	Date	Language	File type
<a href="#">cifX Device Driver - Windows (V1.5 - Revision 25)</a>	Driver manual	<a href="#">cifX Device Driver - Windows 2000/XP/Vista/7/8/10</a>	Driver Installation and restrictions.	2018-09	English	PDF
<a href="#">cifX API (Revision 5)</a>	Programming reference guide	<a href="#">cifX API</a>	Description and usage of the standard cifX API.	2018-08	English	PDF
<a href="#">cifXNDIS Device Driver - Windows (Revision 3)</a>	Getting started guide	<a href="#">cifXNDIS Device Driver</a>	Driver Installation, settings and usage information.	2013-10	English	PDF