

Device Driver RTX (NXDRV-RTX)

Releases			
	Current release:	<ul style="list-style-type: none"> V2.2.0.0 (NXDRVRTX) 	For previous versions see version history.

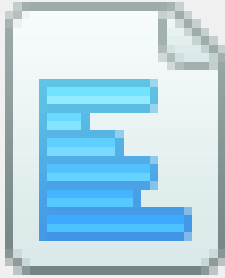
Supported Operating Systems

	RTX 32 Bit Version RTX2016	RTX 64 Bit Version RTX64 3.x
Driver Version V2.x.x.x	✔	✔

NOTE:
IntervalZero has stopped the support of older version of RTX (<https://www.intervalzero.com/technical-support/>), therefore we have removed older CIFX RTX driver versions from our actual installation. If an older RTX driver version is needed, please use the following table to select the appropriate CIFX RTX driver version.

RTX 32 Bit	CIFX RTX driver until V1.4.0.0	RTX 8.1 / RTX2009 (>SP2 Update1) / RTX2011 / RTX2012
	CIFX RTX driver V1.5.0.0	RTX2012 / RTX2016
RTX 64 Bit	CIFX RTX driver until V1.4.0.0	RTX64 (2013 SP1) / RTX64 2014 (SP2)
	CIFX RTX driver V1.5.0.0	RTX64 2014 (SP2) / RTX64 3.2

General Information



Features

- Based on the cifX Toolkit source
- x86 and x64 (also known as AMD64) depending to the RTX version
- Support for PCI, PCIe, PC/104, PCI-104, ISA netX based hardware
- Unlimited number of cifX boards supported
- ★ Support for CIFX 4000 cards added
- ★ Support for CIFX M.2 cards added

Limitations

- Only one RTX® process can use the driver at the same time

CIFX Hardware

Related Product

Features

- **PC Cards - cifX**

For more details click [here](#).



Description

The cifX Device Driver for IntervalZero RTX® is available as a dynamic library built around the cifX Toolkit. Any application which needs to access a cifX device can use the device specific functions provided by this driver library. The dynamic library is implemented as a RTDLL, which is the analog of an explicitly loaded windows DLL. The driver offers access to the Hilscher netX based hardware with the same functional API as the cifX device driver for Windows® and offers transparent access to the different devices.

For more details click [here](#).

Road map

For more details click [here](#).

Documentation

Page	Document type	Document title	Content	Date	Language	File type
cifX Device Driver - IntervalZero RTX (Revision 11)	Driver manual	cifX Device Driver - IntervalZero RTX	Driver Installation and restrictions.	2019-12	English	PDF
cifX API (Revision 8)	Programming reference guide	cifX API	Description and usage of the standard cifX API.	2019-12	English	PDF
Compatibility Matrix for RTX64 Products (Revision 20)	External document	Compatibility Matrix for RTX64 Products	Compatibility information	2018-05	English	PDF
Compatibility Matrix for RTX Products (Revision 16)	External document	Compatibility Matrix for RTX Products	Compatibility information	2018-06	English	PDF

News

Blog Posts

- [cifX Device Driver V2.2.0.0 for RTX 2016 / RTX64 3.x released](#) created by [Robert Mayer](#) 2019-12-13
cifX Device Driver
- [cifX Device Driver V2.1.0.0 for RTX 2016 / RTX64 3.2 released](#) created by [Robert Mayer](#) 2019-10-08
cifX Device Driver
- [cifX Device Driver V1.5.0.0 for RTX2016 released](#) created by [Robert Mayer](#) cifX Device Driver 2018-09-06
- [cifX Device Driver V1.4.0.0 for RTX64 3x released](#) created by [Robert Mayer](#) cifX Device Driver 2017-10-16
- [cifX Device Driver V1.3.0.0 for RTX64 2014 released](#) created by [Robert Mayer](#) cifX Device Driver 2015-08-10

FAQs



- Is it possible to configure a cifX card, independently of its serial and device number?
- Can I use Interrupts and DMA under RTX
- Why does "Add RTX® support for a cifX device" not work
- The driver presents the following warning at startup: 'OS_Memalloc: Not enough free memory in RTSS memory pool! Request from windows memory pool!'. What does that mean?
- The compiled test application crashes the system. What's wrong?

[more FAQs ...](#)