

# RTX Drivers

RTX OEMs and customers have the most comprehensive hardware support available in the market today for Windows real-time extensions, with over 100 individual interfaces supported.

With this extensive driver support available from IntervalZero partners world-wide, OEMs and customers can be confident that they will be able to reach the largest number of target markets with their RTX-enabled products.

Each partner can be contacted directly to obtain individual drivers.

RTX drivers are available for the following applications:

## Digital I/O

Card Model	Partner
APCI-5000 - 32 Channel Digital I/O - PCI	<b>Addi-Data</b> <a href="http://www.addi-data.com">www.addi-data.com</a>
APCI-1564 - 64 Channel Digital I/O - PCI	
APCI-1032 - 32 Channel Input - PCI	
APCI-1710 - Multifunction Counter - PCI	
APCI-3120 Series - Multifunction Board - PCI	
APCI-7300-3 - Single Port Serial Interface - PCI	
APCI-7420-3 - Dual Port Serial Interface - PCI	
APCI-7500-3 & APCI-7500-3/4c - Quad Port Serial Interface - PCI	
CPCI-1500 - Digital I/O - CPCI	
CPCI-1710 - Multifunction Counter - CPCI	
CPCI-3120 - Multifunction Board - CPCI	
CPCI-7500 - Quad Port Serial Interface - CPCI	

Card Model	Partner
<b>High Speed Serial I/O</b>	<b>Connect Tech</b> <a href="http://www.connecttech.com">www.connecttech.com</a>
Titan/cPCI	

Card Model	Partner
<b>DAQ and Motion Controllers</b>	<b>United Electronic Industries</b> <a href="http://www.ueidaq.com">www.ueidaq.com</a>
PowerDNA	
PowerDNR	

<b>Card Model</b>	<b>Partner</b>
Digital I/O	<b>United Electronic Industries</b> <a href="http://www.ueidaq.com">www.ueidaq.com</a>
DNA-DIO-401	
DNR-DIO-401	
DNA-DIO-402	
DNR-DIO-402	
DNA-DIO-403	
DNR-DIO-403	
DNA-DIO-404	
DNR-DIO-404	
DNA-DIO-405	
DNR-DIO-405	
DNA-DIO-406	
DNR-DIO-406	
DNA-DIO-416	
DNR-DIO-416	
DNA-DIO-432	
DNR-DIO-432	
DNA-DIO-433	
DNR-DIO-433	
DNA-DIO-448	
DNR-DIO-448	
Counters/Timers/PWM/Quadrature	
DNA-CT-601	
DNR-CT-601	
DNA-QUAD-604	
DNA-QUAD-604	
Serial Communications	
DNA-SL-501	
DNR-SL-501	
DNA-SL-508	
DNR-SL-508	
GPS Interface	
DNA-GPS	

<b>Card Model – Data Acquisition</b>	<b>Partner</b>
Data Acquisition	<b>Mikro elektronik</b> <a href="http://www.men.de">www.men.de</a>
D302 -6U CPCI - 128 Binary I/Os	

# Analog I/O Boards

Card Model	Partner
APCI-3501 - Analog Output Board – PCI	<b>Addi-Data</b> <a href="http://www.addi-data.com">www.addi-data.com</a>

Card Model	Partner
<b>Analog I/O</b>	<b>United Electronic Industries</b> <a href="http://www.ueidaq.com">www.ueidaq.com</a>
DNA-AI-201-100	
DNR-AI-201-100	
DNA-AI-202	
DNR-AI-202	
DNA-AI-205	
DNR-AI-205	
DNA-AI-207	
DNR-AI-207	
DNA-AI-208	
DNR-AI-208	
DNA-AI-254	
DNR-AI-254	
DNA-AI-255	
DNR-AI-255	
DNA-AI-211	
DNR-AI-211	
DNA-AO-308	
DNR-AO-308	
DNA-AO-308-350	
DNR-AO-308-350	
DNA-AO-308-353	
DNR-AO-308-353	
DNA-AO-308-420	
DNR-AO-308-420	
DNA-AO-332	
DNR-AO-332	
DNA-AO-333	
DNR-AO-333	
DNR-429-512	
<b>Power Conversion</b>	
DNA-PC-901	
DNA-PC-902	
DNA-PC-903	

## Motion Boards

Card Model	Partner
Z-Series 32 Axis All Digital Controllers	<b>Motion Engineering</b> <a href="http://www.motioneng.com">www.motioneng.com</a>
ZMP-Synqnet-PCI	
ZMP-Synqnet-CPCI-3U	
ZMP-Synqnet-PMC	
X-Series 32 Axis Controllers	
XMP-Synqnet-PCI	
XMP-Synqnet-CPCI	
XMP-Synqnet-PMC	
X-Series Analogue Controllers	
XMP-PCI	
XMP-CPCI-3U	
XMP-CPCI	

Card Model	Partner
DAQ and Motion Controllers	<b>United Electronic Industries</b> <a href="http://www.ueidaq.com">www.ueidaq.com</a>
PowerDNA	
PowerDNR	

## Field Buses

Card Model	Partner
<b>CAN Cards</b>	<b>esd electronic system design gmbh</b> <a href="http://www.esd.eu">www.esd.eu</a>
CAN-PCI104/200	
CAN-PCI/200	
CAN-PCI/266	
CAN-PCI/331	
CAN-PCI/400 (up to 4 ports)	
CAN-PCI/405 (active, 4 ports)	
CAN-PCIE/200	
CAN-PCIE/400 (up to 4 ports)	
CAN-PCIE/402 (MSI support, up to 4 ports)	
PMC-CAN/331	
PMC-CAN/266	
PMC-CAN/400 (4 ports)	
CPCI-CAN/200	
CPCI-CAN/331	
CPCI-CAN/400 (up to 4 ports)	

**Note:** CANopen (Manager/Slave), J1939 and ARINC 825 stacks are available as optional extras.

CIFX Series - AS-Interface Master	<b>Hilscher GmbH</b> <a href="http://www.hilscher.com">www.hilscher.com</a>
CIFX 50E-2AS - 2 Channel PCI Express Master	
CIFX 50-2AS - 2 Channel PCI Master	
CIFX Series - CANopen Master and Slave	
CIFX 50-CO - PCI	
CIFX 50E-CO - PCI Express	
CIFX 80-CO – Compact PCI	
CIFX 90-CO\F – Mini PCI	
CIFX 90E-CO\F – Mini PCI Express	
CIFX 104-CO – PC 104	
CIFX 104C-CO – PCI 104	
CIFX Series - DeviceNet Master and Slave	
CIFX 50-DN - PCI	
CIFX 50E-DN - PCI Express	
CIFX 80-DN - Compact PCI	
CIFX 90-DN\F - Mini PCI	
CIFX 90E-DN\F - Mini PCI Express	
CIFX 104-DN - PC 104	
CIFX 104C-DN - PCI 104	
CIFX Series – PROFIBUS Master and Slave	
CIFX 50-DP - PCI	
CIFX 50E-DP - PCI Express	
CIFX 50-2DP - PCI ( <i>2 channels</i> )	
CIFX 80-DP - Compact PCI	
CIFX 90-DP\F - Mini PCI	
CIFX 90E-DP\F - Mini PCI Express	
CIFX 104-DP - PC 104	
CIFX 104C-DP - PCI 104	
CIFX Series – CompoNet	
CIFX 50-CP - PCI	
CIFX 50E-CP - PCI-express	
CIFX Series – CC-Link Slave	
CIFX 50-CC - PCI	
CIFX 50E-CC - PCI-express	
CIFX Series – EtherCAT Master, EtherCAT Slave, EtherNet/IP Scanner, EtherNet/IP Adapter, Modbus/TCP, POWERLINK Controlled Node, PROFINET IO Controller, PROFINET IO Device, SERCOS III Master, SERCOS III Slave	
CIFX 50-RE – PCI	
CIFX 50E-RE – PCI Express	
CIFX 80-RE – Compact PCI	

CIFX 90-RE\F – Mini PCI	<b>Hilscher GmbH</b> <a href="http://www.hilscher.com">www.hilscher.com</a>
CIFX 90E-RE\F – Mini PCI Express	
CIFX 104C-RE – PCI 104	
CIFX 104-RE – PC 104	
CIF Series (ISA, PCI, PC104, PC104+, PCI104 PMC, CPCI, PCMCIA)	
AS-Interface Master	
CANopen Master and Slave	
DeviceNet Master and Slave	
PROFIBUS Master and Slave	
CC-Link Slave	
InterBus Master and Slave	

Card Model	Partner
CAN Boards	<b>IXXAT</b> <a href="http://www.ixxat.com">www.ixxat.com</a>
CAN-IB100/PCIe	
CAN-IB120/PCIe Mini	
CAN-IB130/PCIe 104	
CAN-IB200/PCIe	
CAN-IB230/PCIe 104	
iPC-I 320/PCI II	
iPC-I XC16/PCI	
iPC-I XC16/PMC	
PC-104/PCI	

Card Model	Partner
CANOpen (Master)	<b>Woodhead</b> <a href="http://www.woodhead.com">www.woodhead.com</a>
DRL-CNO-PCIE (PCI Express)	
DRL-CNO-PCU (Universal PCI)	
DRL-CNO-104 (PC/104)	
PROFIBUS DP (Master V0/V1 / Slave V0)	
DRL-DPM-PCIE(PCI Express)	
DRL-DPM-PCU(Universal PCI)	
DRL-DPM-104(PC/104)	
PCU1500PFB	
PCU1500S7	
PCI-2000PFB	
CPCI1000PFB	
DeviceNet (Scanner / Adapter)	
DRL-DVN-PCIE(PCI Express)	
DRL-DVN-PCU(Universal PCI)	

Card Model	Partner
DRL-DVN-104 (PC/104)	<b>Woodhead</b> <a href="http://www.woodhead.com">www.woodhead.com</a>
ModBus TCP IO (Client / Server)	
DRL-EMP-PCIE(PCI Express)	
DRL-EMP-PCU(Universal PCI)	
Ethernet/IP (Scanner / Adapter)	
DRL-EIP-PCIE(PCI Express)	
DRL-EIP-PCU(Universal PCI)	
PROFINET (IO-Controller / IO-Device)	
DRL-EPN-PCIE(PCI Express)	
DRL-EPN-PCU(Universal PCI)	

Card Model	Partner
CAN Bus	<b>United Electronic Industries</b> <a href="http://www.ueidaq.com">www.ueidaq.com</a>
DNA-CAN-503	
DNR-CAN-503	
ARINC-429	
DNA-429-566	
DNR-429-566	
DNA-429-512	
DNR-429-512	
MIL-STD-1553	
DNA-1533-553	
DNR-1533-553	

## PC Boards

Card Model	Partner
Industrial PCs	<b>Mikro elektronik</b> <a href="http://www.men.de">www.men.de</a>
F7N -3U/6U CompactPCI/ PXI Pentium III SBC (Tualatin)	
F7 -3U/6U CompactPCI/ PXI Pentium III SBC	
F3 -3U CompactPCI STPC SBC	
F2 -3U CompactPCI Pentium SBC	
D4 -6U CompactPCI/PXI Pentium 4 SBC	
D2 -6U CompactPCI Pentium SBC	
D1 -6U CompactPCI Pentium SBC	

# Networking

For a complete list of RTX supported Network Interface Cards, see the *RTX Network Driver Support* PDF, located on the IntervalZero website at <http://www.intervalzero.com/technical-support/guides-and-minitutorials/>

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