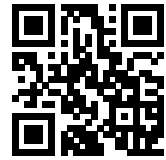
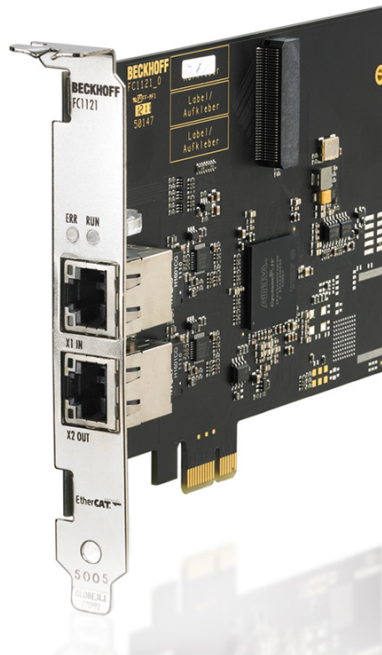


FC1121 | Infrastructure, 1-channel fieldbus card, EtherCAT, slave, PCI express, NOVRAM, RJ45



i Product status: Regular delivery

The FC1121 PCIe (PCI-Express) EtherCAT card can be used to integrate a PC as a slave in an EtherCAT network. The card has an EtherCAT channel with two ports (IN/OUT) and can be used in three ways:

- Under TwinCAT it is simply recognized as an EtherCAT slave and can easily be configured with the required process data. Distributed clocks are supported, and the task is readjusted.
- Users can create their own application (program) based on the Beckhoff EtherCAT slave stack code ET9300 and access the card. Real-time capability is limited in this case.
- Access to the card can be entirely independent; a dll is available from Beckhoff for operation under Windows.
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If the requirement for EtherCAT data exchange between systems arises, functionally similar devices such as the EL6695 bridge terminal or the B110 interface of the CX2/5xxx Embedded PC should be considered in addition to the FC11xx cards.

Product information

Technical Data

Technical data	FC1121
Fieldbus	EtherCAT (direct mode)
PC interface	PCIe
EtherCAT plug	2 x RJ45, EtherCAT IN/OUT
Data transfer rates	100 Mbit/s

EtherCAT Slave Controller	FPGA
RAM	8 kbytes
SYNC manager	4
FMMUs	3
Cable length	up to 100 m
Hardware diagnosis	2 LEDs per channel, activity, link
Dimensions	approx. 100 mm x 130 mm
Operating temperature	0...+55 °C
Driver	TwinCAT driver for EtherCAT, support in the EtherCAT Slave Stack Code ET9300