

BECKHOFF CX1010-N040 System Interfaces CPU Module



# BECKHOFF CX1010-N040 System Interfaces CPU Module Owner's Manual

[Home](#) » [BECKHOFF](#) » BECKHOFF CX1010-N040 System Interfaces CPU Module Owner's Manual 

## Contents

- [1 BECKHOFF CX1010-N040 System Interfaces CPU Module](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 FAQ](#)
- [5 Product information](#)
- [6 Technical data](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)
- [8 Related Posts](#)

# BECKHOFF

BECKHOFF CX1010-N040 System Interfaces CPU Module



## Product Information

[More information  
on CX1010-N040](#)

## Technical Data

<b>Interfaces</b>	1 x COM3 + 1 x COM4, RS232
<b>Type of connection</b>	2 x D-sub plug, 9-pin
<b>Properties</b>	max. baud rate 115 kbaud, not combinable with N031/N041 via system bus (through CX1100-xxxx power supply modules)
<b>Power supply</b>	via internal PC/104 bus
<b>Dimensions (W x H x D)</b>	19 mm x 100 mm x 51 mm
<b>Weight</b>	approx. 80 g

## Operating Conditions

- **Operating/storage temperature:** Check manual for specific range.
- **Vibration/shock resistance:** Refer to specifications for details.
- **EMC immunity/emission:** Complies with standards.
- **Protection rating:** Suitable for specified environment.

## Product Usage Instructions

## Installation

1. Ensure the device is powered off and disconnected from any power source.
2. Locate the appropriate slot for the CX1010-N040 module on your system.
3. Gently insert the module into the slot, making sure it is properly aligned.
4. Tighten any screws or fasteners to secure the module in place.

## Configuration

Refer to the system documentation for information on configuring the serial interfaces and other settings related to the CX1010-N040 module.

## Usage

Connect your external devices to the RS232 ports using compatible cables and ensure proper communication settings are configured.

## FAQ

### **Q: Can I retrofit or expand the system interfaces of the CX1010-N040 module?**

A: No, the system interfaces cannot be retrofitted or expanded in the field. They are supplied ex-factory in the specified configuration.

### **Q: What is the maximum baud rate supported by the RS232 interfaces?**

A: The maximum transfer speed supported by the RS232 interfaces is 115 baud.

### **Q: How can I identify if the RS232 interfaces are implemented as RS422/RS485?**

A: The RS232 interfaces implemented as RS422/RS485 are identified as CX1010N031 and CX1010-N041 respectively.

### **Product status:**

regular delivery (not recommended for new projects)

## Product information

- A number of optional interface modules are available for the basic CX1010 CPU module that can be installed ex-factory. The system interfaces cannot be retrofitted or expanded in the field. They are supplied ex-factory in the specified configuration and cannot be separated from the CPU module. The internal PC/104 bus runs through the system interfaces, so that further components can be connected. The power supply of the system interface modules is ensured via the internal PC/104 bus.
- The modules CX1010-N030 and CX1010-N040 offer a total of four serial RS232 interfaces with a maximum transfer speed of 115 baud. These four interfaces can be implemented in pairs as RS422/RS485, in which case they are identified as CX1010-N031 and CX1010-N041 respectively.

## Technical data

Technical data	CX1010-N040
Interfaces	1 x COM3 + 1 x COM4, RS232
Type of connection	2 x D-sub plug, 9-pin
Properties	max. baud rate 115 kbaud, not combinable with N031/N041
Power supply	via system bus (through CX1100-xxxx power supply modules)
Dimensions (W x H x D)	19 mm x 100 mm x 51 mm
Weight	approx. 80 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protection rating	IP20

## QR CODE



<https://www.beckhoff.com/cx1010-n040>

## Documents / Resources

A small thumbnail image of the document cover for the Beckhoff CX1010-N040 System Interfaces CPU Module Owner's Manual. It shows the product name and a small image of the module.	<p><a href="#">BECKHOFF CX1010-N040 System Interfaces CPU Module</a> [pdf] Owner's Manual CX1010-N040 System Interfaces CPU Module, CX1010-N040, System Interfaces CPU Module, Interfaces CPU Module, CPU Module, Module</p>
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## References

-  [CX1010-N040](#) | [System interfaces](#) | [Beckhoff United Kingdom](#)
- [User Manual](#)

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