

# Q.raxx X station B | EC

EtherCAT add-on for Q.station-X

Q.station X is a high-performance edge controller for data acquisition, which provides accurate synchronization of measurement data, high-speed redundant data logging, and parallel communication over TCP/IP, CAN, ProfiNET, Modbus, and EtherCAT. The Q.station X comes with an optional full-featured programmable application controller designed for complex control and automation tasks.

- High Density  
up to 13 I/O modules per Q.raxx 3U chassis with up to 16 channels per I/O module
- User Friendly  
front panel indicators for module status, power, and input range error
- Fully Customizable  
multiple front panel termination options available
- Maximum Flexibility  
parallel communication available in TCP/IP, CAN, PROFIBUS, Modbus, and EtherCAT
- Gantner's Quality Standard  
integrated filtering, galvanic isolation & signal/sensor conditioning per channel



## Key Features

- EtherCAT extension based on Ethernet standard



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EtherCAT add-on for Q.station-X

## Technical Data

Requires Q.series-X Controller: Q.station-X

This product consists of the Q.station-X controller with the extension as specified in this datasheet..

You can find the datasheet for the Q.station-X controller on the Gantner Instruments website.

All specifications and facts of the Q.station-X datasheet, if not stated otherwise, also apply to this device.

## EC Specifications

Electrical standard	Ethernet
Data storage	1024 Byte Data (253 variables read and 253 variables write)
Baud rate	100 Mbps
Cycle time	$\geq 100 \mu\text{s}$
isolation voltage	500 V

## Mechanical information

Material	Aluminum
Measurements (W x H x D)	60x 128 x 120mm
Weight	approx. 300 g

## Ordering Information

Article number	584631
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## Gantner Instruments

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