

Q.brixx X station T | PN

PROFINET add-on for Q.station-X

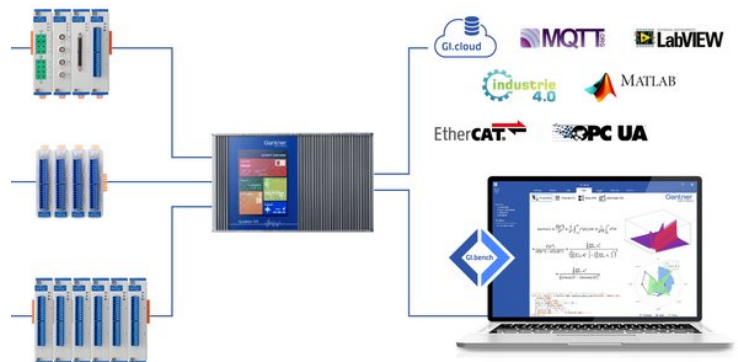
Q.station X is a high-performance edge controller for data acquisition, which provides accurate synchronization of measurement data, high-speed redundant data logging, and parallel communication over TCP/IP, CAN, ProfiNET, Modbus, and EtherCAT. The Q.station X comes with an optional full-featured programmable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

- High density and flexibility with 16 modules in one system in any constellation
- Connectable to Controller Q.station
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- Power supply 10 ... 30 VDC



Key Features

- Conformance class
CC-A
- Service
PG / OP
- Addressing
DCP
- Supports
Topology detection, automatic addressing, media redundancy protocol



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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.

CPU

| | |
|-----------------------|---|
| Typ | Intel Atom E3826 Dual-Core 1.46 GHz |
| RAM | 1 GByte, 500 MByte available for data storage |
| Flash | 4 GByte |
| Real Time Clock (RTC) | Battery buffered |
| Watchdog | Programmable |
| OS | Real-time Linux |

PROFINET Specifications

| | |
|---------------------------------|--|
| Specification | V2.3 Edition 2, Maintenance Update 3 (Ed2 MU3) |
| Connector | 2 x RJ 45 |
| Display | Status LED |
| Addressing | DCP |
| Conformance class | CC-A |
| Min. cycle time | 10 ms |
| Diagnostics | according to PROFINET alarm handling |
| Service | PG/OP |
| Topology detection | Supported |
| Automatic addressing | Supported |
| Media redundancy protocol (MRP) | Supported |

Mechanical information

| | |
|--------------------------|-----------------|
| Material | Aluminum |
| Measurements (W x H x D) | 60x 137 x 135mm |
| Weight | approx. 700 g |

Ordering Information

| | |
|----------------|--------|
| Article number | 580930 |
|----------------|--------|

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