Q.brixx X station B | PN

PROFINET add-on for Q.station-X

Gantner instruments

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.
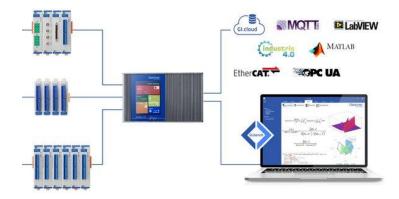
- High density and flexibility with16 modules in one system in any constellation
- Connectable to Controller Q.station

- 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
Protection class	IP40

Ordering Information

Article number	510721
Accessories	GI.bench, article number -
	GI.cloud, article number -