Q.brixx X station T | ETH

Ethernet 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.
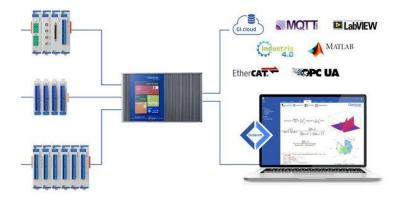
- High density and flexibility with16 modules in one system in any constellation
- Connectable to Controller Q.station
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- Power supply 10 … 30 VDC

Key Features

- **Additional Ethernet Interface**
  for operation in two independent networks
- **Max. Data Transfer Rate**
  1000 Mbps
- **Full Duplex Support**
- **Auto MDIX**

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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

Ethernet Specifications

Host Interface	PCI Express Mini Card Rev. 1.1
Form factor	Full Length Mini PCI Express
Chipset ID	Realtek RTL8111C
LEDs	1x Gigabit Link 1x Activity
##supported standards##	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Max. data transfer rate	1000 Mbps
Full Dupley Support	Yes
Auto MDIX	Yes

Environmental

Operating temperature	0°C to +55°C
Storage temperature	-20°C to +85°C
Relative humidity	5 % to 95 %

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	641726
Accessories	GI.bench, article number -
	GI.cloud, article number -

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