Q.brixx X station T | SSD

1TB SSD 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.
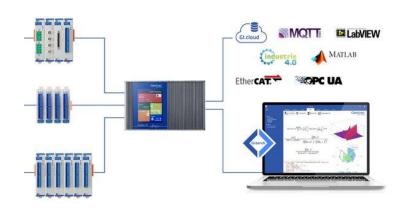
- High density and flexibility with16 modules in one system in any constellation
- Connectable to Controller Q.station
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- Power supply 10 … 30 VDC

Key Features

- Storage capacity of 1TB
- Build in SSD is capable of over 50MB/s of sequential read/write
- V-NAND SSD technology

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Technical Data

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

This product is an accessory for the Q.station-X controller and cannot function on its own.

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

SSD Specifications

Storage capacity	1TB
Interface	SATA 6 Gb/s (compatible with SATA 3 and SATA 1.5)
SSD Technology	V-NAND
Data rate	up to 52 MB/s write and 550 MB/s read
Buffer size	78 GB
TBW (Terabytes written)	600 TBW

Power Supply

Input voltage	10 to 30 VDC. overvoltage and overcurrent protection
Power consumption	approx.. 16W

Environmental

Operating temperature	0°C to +60°C
Storage temperature	-40°C to +85°C
Relative humidity	5 % to 95 % at 50°C, non-condensing

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	609730
Accessories	GI.bench, article number -
	GI.cloud, article number -

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