

# Q.raxx X station B | 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  
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

- 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 128 x 120mm
Weight	approx. 300 g

### Ordering Information

Article number	609831
Accessories	Gl.bench, article number -
	Gl.cloud, article number -



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