



Description

The IoT Edge Gateway is designed to process data from industrial sensors and actuators and transfer key information to a cloud or on-premise server. This enables remote monitoring and control of industrial machines and processes, while also allowing for local decision making.

The gateway supports interfaces including MODBUS, analog inputs (4-20mA @ 10 bit resolution).

It features four USB 2.0 ports and a Gigabit Ethernet port.

Connectivity options include 4G (LTE), WiFi, and Ethernet, and it supports protocols like MQTT, HTTP, TCP, and CoAP/UDP.

X1 Edge Gateway

Data Processing on The Edge

Technical Specifications

Processor	: 64 Bit Quad Core 1.4 GHz
OS	: Linux
Memory	: 2/4/8 GB SRAM
Storage	: 16 GB on uSD Card
Ports	: USB 2.0, Gigabit Ethernet
Timekeeping	: RTC with NTP Synchronisation
Connectivity	: WiFi, Ethernet + Optional 4G LTE.
Interfaces	: RS485 x 2 channels, 4-20mA x 4 channels (10 Bit Resolution)
Protocols	: MQTT(S), HTTP(S), CoAP, FTP & TCP/IP.
Antenna	: Rubber Duck / Sticker
Power	: 24-30V DC
Configurable	: Ping Intervals, Log Intervals & Server End Points.
Datalogging	: Online & Offline.
Mounting	: DIN Rail / Wall Mount.
Protection	: IP20.
Temperature	: 10 to 60 Deg Cel.
Certifications	: CISPR 32, IEC61000-4-2, IEC61000-4-11.

