



TMG15



The TMG15 is an industrial smart gateway designed based on high-performance embedded 64-bit series CPU. It is suitable for doing edge computing, running containerized deployment, adopting industrial grade wide temperature design, external RS232, RS485, DI, DO and other interfaces, supporting 4G, Wi-Fi and Ethernet communication, users can use it in complex environment.



Service

Device Management
Intelligent Data Monitoring



Application

Modbus reads
MQTT uploads
edge computing



Feature

Ubuntu20.04 System
4-core Cortex-A35 up to
1.3 GHz



Network

LTE Cat 1
Wi-Fi
Ethernet

TMG15 Specification

System

OS: Ubuntu 20.04
CPU: 4-core 64-bit processor up to 1.3GHz
DDR: 1GB
eMMC: Onboard 8/16/32GB

Interfaces

LAN: 1x 10M/100M bps
RS485: 3 RS485 (one multiplexed with RS232)
RS232: 1x RS232
Type-C: 1 channel (console interface)
DI/DO: 4x Digital GPIO inputs and outputs
TF Card: 1x Extended storage

Security

Working temperature: -20°C to 70°C
Working humidity: 0% to 90% relative humidity, non-condens
Accreditation CE, FCC

Structure

Structure dimension: 100mm(L)* 87mm(W)* 40mm(H)
Mounting method: Wall Mount, Rail

Modbus

Modbus slaves: Maximum 10
Registers: Over 8000

Senarios

Cold Chain Industry
Industrial Control
Superstore Data Collection
Edge Computing