

# WBox Edge E413-LTE

Edge IoT Gateway with LTE

## Overview

The WBox Edge E413-LTE is a high-end IoT edge gateway with a built-in LTE Cat 1 modem, designed for remote sites without fixed connectivity. A quad-core Cortex-A72 CPU (up to 1.5 GHz) with 4 GB of RAM and 16 GB of eMMC drives demanding edge workloads, while two 1-Gbit Ethernet ports and two RS-485 ports connect the field — all in an aluminium IP20 DIN-rail chassis running the Weble software suite.



## Features

- High-performance quad-core Cortex-A72 CPU (up to 1.5 GHz), 4 GB RAM, 16 GB eMMC
- Built-in LTE Cat 1 modem with SIM slot for remote sites without fixed connectivity
- 2 × Ethernet ports (1 Gbit)
- 2 × RS-485 ports for Modbus / BACnet field communication
- 3 × USB + 1 × USB-OTG (Ethernet emulation)
- Aluminium IP20 chassis, DIN-rail mount
- Armbian OS, full Weble software suite (logic, routing, remote access)

## Specifications

Hardware System	
CPU	4 × Arm Cortex-A72, up to 1.5 GHz
Memory	4 GB RAM
Storage	16 GB eMMC
Operating system	Linux (Armbian)
Interfaces	
Ethernet	2 × RJ45, 1 Gbit
Cellular	LTE Cat 1 modem, Nano-SIM slot
RS-485	2 × ports
USB	3 × USB + 1 × USB-OTG (Ethernet emulation)

<b>Power Supply</b>	
Input	12-24 V DC
Power consumption	Available on request

  

<b>Physical &amp; Environmental</b>	
Enclosure	Aluminium, IP20
Mounting	35 mm DIN rail
Dimensions / Weight	Available on request
Operating temperature	Available on request
LTE bands	Available on request

  

<b>Software &amp; Protocols</b>	
Field protocols	Modbus RTU/TCP, BACnet MS/TP & BACnet/IP, M-Bus, MQTT, HTTP and 20+ licence-activated Weble drivers
Edge software	Weble suite: logic module, supervision, secure remote-access VPN
Management	Built-in web server, REST API