



**NeoGLS**  
Intelligent Transport

**OBU**  
(On Board Unit)

## CPU

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NXP i.MX8 – 4 Cortex A35 + Cortex M4

## RAM

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2 GB

## STORAGE

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16 GB +  $\mu$ SD

## OPERATING SYSTEM

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Linux Debian 11

## GNSS

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GPS

Used for clock synchronization

## Mechanical

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175x205x43mm

950g



## CONNECTIVITY

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Ethernet 100Mbps full duplex

ITS G5 and C-V2X PC5 (simultaneous use)

RS232

CAN

4 isolated digital outputs

4 digital inputs

3 analog inputs (continuous measurement 0-30v)

WiFi, Bluetooth 5.0

Optional 4G/5G, replaceable standard SIM card

External USB port

$\mu$ SD reader

*All radio connectors are in FAKRA format*

## REMOTE ACCESS

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SSH v2 (root password provided)

Specific API, JSON for the LDM

SNMP

OpenVPN

SMS API

## POWER

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8-36v continued

Battery connector + contact to allow clean and deferred shutdown

## INTEGRATED SOFTWARE

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ITS stack supporting

- ETSI Geonet

- CAM, DENM, SPAT, MAP, IVI, SREM, SSEM, CPM and POI standards

- TS 103-097 security standard assisted by integrated hardware security module

- ETSI uppertester

Internal LDM with easy to use json API

*On demand software including MQTT and AMQP connectivity*

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