

MT301LX-NP-C52NRSN3GWI

On-Board Computer



MT301LX-NP-C52NRSN3GWI is a compact yet versatile vehicle on-board unit. It incorporates an 6.5 inch touch screen, a Linux module, two mini-PCIe slots for expansion, various I/Os and a plethora of connectivity options.

It is considered as a complete and robust solution aiming providing driver assisting and ticketing functionality, along with its key role as a gateway of the rest of the vehicle devices.

Features include:

- **Integrated, multifunctional central board computer for use in public transport vehicles**
- **Fast, accurate and reliable with a modern aesthetic design**
- **On board computer**
- **Highest level of process data and payment data integrity**
- **Simple to use and maintain**
- **Shock and vibration resistive device**

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Highlights

- **Touchscreen technology, daylight readable 6.5" TFT display**
- **Interfaces according to open standards for seamless integration into smart card payment schemes**
- **Compact ergonomic design**



The MT301LX-NP-C52NRSN3GWI is a high technology product suitable for operation in bus conditions (high resistance to vibration, low and high temperatures). It is designed to meet the needs of ticket issuing in buses by the drivers.

Easy to install besides the driver, using the RAM-B-138 installation arm, allowing perfect adjustment of tilt and height, facilitating its use.

The MT301LX-NP-C52NRSN3GWI application software provides enhanced functionality, comprehensive management information, superb ticketing services and easy to use interface.

Technical Specifications

Housing: Plastic ABS

Dimensions: 230mm x 157mm x 40mm (WxHxD)

Display: 6.5" TFT-LCD Touch Screen, resolution 640x480 pixels, 262K colors, brightness 700cd/m², Anti-glare, LED backlight

Processor: iMX6 processor. Dual core ARM Cortex A9 800MHz, 512kB RAM, with integrated GPU. ARM Cortex M3 realtime co-processor.

Storage: 4GB flash memory, expandable up to 64GB

Operating System: Linux

Power Supply: 12–36 VDC

Communication Interfaces: 2 x USB host ports, 1 x mini-PCIe ports, Ethernet port, RS232 serial port, RS485/422 serial port.

Buses: CAN bus

Inputs/Outputs: 24V general purpose input.

Audio: 1 x audio in / 1 x audio out

Operating Environment: -15°C to +60°C, 85% RH

Standards: CE mark

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