

EMBEDDED WORLD 2019

Box PC with two CAN interfaces

The Automotive box PC 300 from Delta Components is a communication gateway designed for in-vehicle or IoT (Internet of Things) applications. It comes with CAN interfaces.



The box PC incorporates the latest NXP iMX6 low power application processor, an ARM Cortex core 1 GHz (Photo: Delta Components)

At the [Embedded World 2019](#) in hall 1, booth 420, visitors can take a look at the box PC. With its ARM Cortex A9 processor and Linux / Android operating system, the device is not only a 3 G / 4 G broadband router but also a communication platform that allows users to design and deploy custom software for various applications. In addition, the product has many other features, including isolated GPIO inputs and outputs as well as an uBlox GPS receiver, G-sensor, and E-Compass, which allow users to create applications for vehicle tracking and vehicle telemetry.

The box PC, which operates over an input-voltage range of 9 V to 36 V, features two isolated CAN interfaces. The device driver is capable to transmit / receive data packets for various protocols such as J1939. The product measures 138 mm x 204 mm x 48 mm and comes with an operating temperature of -20 °C to +70 °C. Typical applications for the devices are as a vehicle broadband router, GPS vehicle tracking, fleet management, asset tracking, and IoT gateway.

[CW](#)