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INDUSTRIAL PRODUCT DATASHEET

CAN Bus Car Hacking Kit with Wio Terminal

A complete CAN Bus hacking kit with Wio Terminal for real-time vehicle information display and control, suitable for beginners and experts.

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Overview



Hack your car to obtain vital vehicular information and control the vehicle, reading cycling speed, rotation speed, oil temperature and more on the Wio Terminal screen. This kit supports fast CAN Bus serial communication up to 1Mb/s, includes a built-in 650mAh rechargeable lithium polymer battery, and features the easy-to-use Grove ecosystem with a comprehensive guide for all skill levels.

Key Features

- Hack your car with this kit to obtain vital vehicular information and control the vehicle
- Read the cycling speed, rotation speed and oil temperature, and other information, displayed on the Wio Terminal screen
- Fast Serial Communication with CAN Bus at up to 1Mb/s
- Built-in 650mAh Rechargeable Lithium Polymer Battery
- Wio Terminal - Powerful MCU with ARM Cortex-M4F powered ATSAMD51P19
- Easy-to-use modular Grove ecosystem accelerates hardware prototyping process

If you're worried that you might not have the technical skills to hack your car, **Longan Labs** had created a guide that you can find below. The guide will teach you how to wire everything up and also provide an already made code for you to quickly get things running without fumbling around with much programming. Thanks to **Longan Labs** beginners and experts alike will have an enjoyable process constructing this kit!

Grove is a modular, standardized connector prototyping system. Grove takes a building block approach to assemble electronics. Coupled with the **resources** available to learn electronics, Grove is suitable for both beginners and experts alike. Find out more about Grove at **Seeed's wiki page**!

Product Gallery





Applications

- **CAN Bus OBD2 vehicle hacking**
- **Dashboard Accessory with real-time vehicle information**

Resource Links

- https://www.seeedstudio.com/Arduino-OBD2-Reader-Kit-p-5009.html

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