

Touchberry Pi 4B 10.1inch Industrial Screen

DFR0910

Product Overview

11-11-2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot Touchberry Pi 4B 10.1inch Industrial Screen is a panel PC based on the Raspberry Pi 4B board. This Industrial screen embedded a 10.1inch resistive touch screen for an industrial environment using Linux. The Touchberry Pi 4B features multi-touch Low-Voltage Differential Signaling(LVDS), 1280x720 high-resolution, 170° viewing angle, and 16:9 output format.



The Ethernet or WiFi network helps remotely control all parameters, data, and inputs/outputs of the control system.

This panel PC is based on GNU/Linux OS installed on an SD card. The Touchberry Pi 4B 10.1inch industrial screen support built-in interfaces like Ethernet, USB, WiFi®, Windows 10, and IoT.

Features

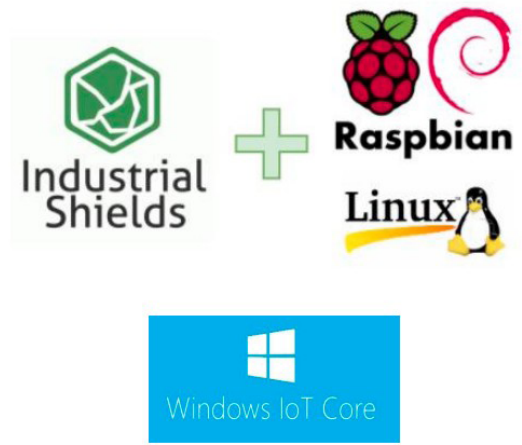
- Low-Voltage Differential Signaling (LVDS) multi-touch
- 1280x720 high-resolution
- 170° viewing angle
- 16:9 output format
- 10.1inch size

Specifications

- 12V_{DC} to 24V_{DC} power supply voltage
- Quad-core 64-bit ARM-Cortex A72 running at 1.5GHz CPU
- Broadcom video core VI GPU
- Linux and Unix operating system
- 30W power consumption
- External power supply:
 - 12Vdc voltage
 - 2.5A (12V_{DC}) / 1.25A (24V_{DC}) power output capacity
- 0°C to 40°C working temperature range
- 10% to 90% (non-condensing) working humidity
- No corrosive gas working environment
- -20°C to 60°C storage temperature range

Applications

- IoT Project
- Industrial environment using Linux



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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-touchberry-pi-screen/>