

The REV Driver Hub is a compact mobile android computing device designed for interfacing with robots.

Built-in 2.4 and 5GHz Wi-Fi enables the ability for wireless connection to a robot with additional security through 802.11w.

Telemetry data and basic human interface is accomplished through the built-in display and touchscreen. Traditional off-the-shelf gamepads and HID devices can be connected to the three built-in USB A ports.

Drivers, Applications, and operating system can be easily updated through the REV Hardware Client.

A full-sized ethernet port is available for optional in-match diagnostics or control through a field router. Additionally, you can charge the device through passive 12v power over ethernet (POE).



FEATURES

- Processors
 - RKPX30 Quad-core ARM A35
 - 64 bit
 - Up to 1.5 GHz
 - GPU - ARM Mali 450MP4
- Memory
 - RAM – 1 GB LPDDR3
 - Internal storage – 8 GB eMMC 4.51
 - Expandable storage – microSD Card
- Wireless
 - 802.11 ac/b/g/n/w Wi-Fi
 - Dual-band 2.4 & 5 GHz
 - Bluetooth 4.1
- Ethernet
 - 10/100 base-T
 - 12V DC passive POE
- USB Connections
 - 3 x USB 2.0 host type A
 - 1 x USB 2.0 device type C
 - Charging and device updating
- Display
 - 5.0" LCD
 - 800 x 480 resolution
- Indicators and Interfaces
 - Capacitive touchscreen
 - Charging and power status LEDs
 - Power button
- Audio
 - 1.5W mono speaker
- Battery
 - User replaceable
 - 5040 mAH Li-ion
 - Charging options
 - USB C
 - Passive POE
- Physical Attributes
 - Threaded inserts for mounting
 - 2 x M3 on 16mm pitch
 - Size – 5.25" x 3.375" x 1.0"
 - Weight - 9.8 oz (278 g)
- Included Accessories
 - USB A Charger 15W
 - USB A to C cable