**Product Features**

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**PKG30019 USD99.00**

This standalone LPC1769 Microcontroller board for robotics applications has onboard sensors, buttons, and LEDs. Interfacing with an Overo-series COM, RoboVero supports Caspa-series cameras and high-level software applications.

It also features numerous header pins for GPIO/CAN/I2C/SPI/UART/PWM and analog signals, being well-suited to motor control applications.

Manage the Cortex-M3 from the onboard Overo COM or from an external USB interface using our very own HUBCOMMANDER™ interface.

**Mating connector**

2 × 70-Pin AVX Connectors (Female Overo Expansion)

**What’s included**

1 × RoboVero (board)

**Key component**

1 × Texas Instruments SN65HVD232 CAN Transceiver
1 × Texas Instruments TPS62111 Step-Down Converter
1 × ST LSM303DLH 3-Axis Accelerometer & Magnetometer
1 × ST L3G4200D 3-Axis Gyroscope
1 × NXP LPC1769 Microcontroller

**Product links**

- Schematics and Board Layout
- 2015-02-25/overo/master/LO
- 2015-02-25/overo/master/u-boot.img
- 2015-02-25/overo/master/README
- 2015-02-25/overo/master/gumstix-xfce-image-overo.tar.bz2
- 2015-02-25/overo/master/gumstix-console-image-overo.ubi
- 2015-02-25/overo/master/gumstix-xfce-image-overo.ubi
- Geppetto® Workspace

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**Product series**

**Product Family**

Overo

**Power**

**RTC Battery Holder**

Holder for 6mm rechargeable coin cell RTC battery

**Processor**

**Temperature**

Built with components rated 0°C to 70°C