



Gumstix Raspberry Pi CM Robo Product datasheet



Product Features

| Camera | |
|-------------------------|---|
| Camera Connector | Vertical cable orientation connector for Raspberry Pi Camera. |
| General | |
| HDMI | micro HDMI |
| Led | |
| RGB LED | Individually-addressable RGB colour pixel. |
| Usb | |
| USB Type-C | Reversible USB connector. |
| USB Device | USB Type-C Connector |

PKG900000001506

USD75.00

THE GUMSTIX RASPBERRY PI CM ROBO carrier board is a slim, computer vision-capable multimedia platform designed with miniature autonomous vehicles in mind. The dual Raspberry Pi Camera connectors can provide either stereoscopic depth mapping for object avoidance or front- and back-facing cameras for feature identification or manual control.

I2C and UART serial connections, exposed via JST GH-style headers, can be used to connect either to PWM motor controller boards, or to a control MCU.

Instantly upgrade your project with the Gumstix Raspberry Pi CM4 Uprev board and take advantage of the CM4's increased horsepower. Or go even further with the UprevAI and add a Google Coral TPU for lightning-fast TensorFlow processing.

FEATURES INCLUDE: * Power via USB TYPE-C POWER DELIVERY * Mini-HDMI-out * DSI touch display connector * Dual CSI2 camera connectors * USB Type-A host connection * 2x WS2812B-MINI RGB LEDs

What's included

1 × Gumstix Coral Camera Dev Board

Key component

1 × Micro HDMI (Type D)

1 × USB Type-C Port

1 × FTDI FT232RQ USB UART Interface

Product links

- [Customize in Geppetto](#)
- [Technical Specifications](#)
- [Geppetto®Workspace](#)

