

Gumstix BBB Rover Cape Product datasheet

PKG900000000287

USD79.00

Gumstix BBB Rover Cape

Get your BeagleBone Black robotics project off its leash with the GUMSTIX BBB ROVER CAPE. Build your machine around its wireless connectivity, PWMs, motion sensor and GPS capabilities.

For instructions for installing the LXDE user interface on BeagleBone Black, follow this link.

Features include:

- TI WiLink8 with 802.11 b/g/n (2.4 GHz only) + Bluetooth 4.1
- 4 PWM headers
- 9-axis inertial measurement unit
- GPS Expandability

BeagleBone Black not included. Get yours here

Customize Your Board

Customize the BBB RoverCape to your project's specific needs in Geppetto D2O. Add functionality or remove unused components with the ease of a drag-and-drop interface.

- Clone and kickstart your customized BeagleBone Black cape design
- Explore and create a customized expansion board from scratch
- Learn more about Geppetto

Mating connector

1 × U.FL Connector

What's included

1 × WifiLink8 Cape

Key component

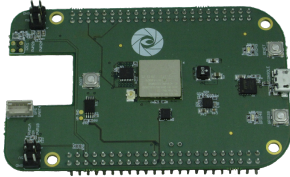
1 × FTDI FT232RQ USB UART Interface

1 × TI WiLink8 WL1831MOD

1 × Memory (256Kb I2C Serial Board EEPROM)

Product links

- [Customize in Geppetto](#)
- [Technical Specifications](#)
- [Disk Image](#)
- [Arrow Page](#)
- [WO52478a](#)
- [Geppetto@Workspace](#)



Product Features

Input/output	
4-Pin Header	2x2, 0.1" Male Pin Header.
6-Pin Header	2x3, 0.1" Male Pin Header.
General	
Access Point Mode	Yes
5-pin GPS Connector	
Manufacturer	Texas Instruments
Communications	
Bluetooth	4.1+BLE
WiFi	802.11b/g/n
Usb	
USB Device	Micro B USB Plug

