**Gumstix BBB Rover Cape**

**Product datasheet**

**Product Features**

<table>
<thead>
<tr>
<th>Input/output</th>
<th>4-Pin Header</th>
<th>2x2, 0.1&quot; Male Pin Header.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6-Pin Header</td>
<td>2x3, 0.1&quot; Male Pin Header.</td>
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<table>
<thead>
<tr>
<th>General</th>
<th>Access Point Mode</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5-pin GPS Connector</td>
<td>Texas Instruments</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Communications</th>
<th>Bluetooth</th>
<th>4.1+BLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WiFi</td>
<td>802.11b/g/n</td>
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</table>

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<thead>
<tr>
<th>Usb</th>
<th>USB Device</th>
<th>Micro B USB Plug</th>
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</thead>
</table>

**PKG9000000000287**

**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 x U.FL Connector

**What's included**

1 x WifiLink8 Cape

**Key component**

1 x FTDI FT232RQ USB UART Interface
1 x TI WiLink8 WL1831MOD
1 x Memory (256Kb I2C Serial Board EEPROM)

**Product links**

- Customize in Geppetto
- Technical Specifications
- Disk Image
- Arrow Page
- W052478a
- Geppetto® Workspace