

Gumstix BBB Astro Cape Product datasheet

PKG900000000327

USD89.00

Gumstix BBB Astro Cape

Let your BeagleBone Black mobile application take off with a 4.3" Newhaven capacitive touch screen, 9-axis inertial measurement unit, and WiFi b/g/n (2.4 GHz only) and Bluetooth 4.1 connectivity via TI's WiLink8 chip.

The 4.3 Newhaven Resistive Touch Screen connector used with this board is ideal for providing a user interface for all types of products. They are usually used in devices like personal DVD players and handheld devices but are well suited for industrial applications as well.

BeagleBone Black is not included. Purchase yours here.

Yocto Linux Disk Images

If you are using an LCD display, use this disk image. Otherwise, use this disk image.

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

Customize Your Board

The GUMSTIX BBB ASTRO CAPE can be redesigned in Geppetto D2O in order to add the components and functionality your project demands.

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

Mating connector

- 1 × U.FL Connector
- 1 × Hirose 40Pos FPC/FFC Connector

What's included

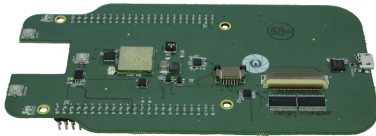
- 1 × BBB WiLink8 43C

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](#)
- [Geppetto®Workspace](#)



Product Features

Robotics	
Accelerometer	6-axis internal measurement unit (IMU)
Gyroscope	3-axis gyroscope
General	
Access Point Mode	Yes
LCD Manufacturer	Compatible with Newhaven Displays
Communications	
Bluetooth	4.1+BLE
WiFi	802.11b/g/n
Display	
LCD	LCD Capable
LCD Size	4.3 inch
LCD Touchscreen	Capacitive Touch Ready
Usb	
USB Device	Micro B USB Plug

