

BeagleBone Green Wireless

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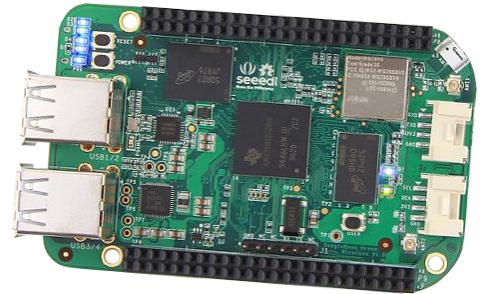
Product Overview

08/17/2022

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Description

BeagleBoard BeagleBone Green Wireless (BBGW) by Seeed Studio is based on the open-source hardware design of BeagleBone Black and developed into a differentiated version. This device includes a high-performance flexible Wi-Fi/Bluetooth interface and two Grove connectors, making it easier to connect to the large family of Grove sensors.



The BeagleBone Green Wireless features an AM335x ARM® Cortex-A8 processor, 512MB DDR3 RAM, 3D graphics accelerator, and NEON floating-point accelerator. This device also features 4GB 8-bit eMMC on-board flash storage and 2x PRU 32-bit microcontrollers. The BeagleBone Green Wireless is compatible with Debian, Android, Ubuntu, and Cloud9 IDE on Node.js w/ BoneScript library.

Features

- AM335x ARM Cortex-A8 processor
- 4GB 8-bit eMMC on-board flash storage
- 3D graphics accelerator
- NEON floating-point accelerator
- 2x PRU 32-bit microcontrollers
- USB client for power and communications
- USB host with 4-port hub
- Wi-Fi 802. 11b/g/n 2.4GHz
- Bluetooth 4.1 with BLE
- 2x 46-pin headers
- 2x Grove connectors (I²C and UART)

Software Compatibility

- Debian
- Android
- Ubuntu
- Cloud9 IDE on Node.js w/ BoneScript library

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/beagleboardorg/seeed-studio-beaglebone-green-wireless/>