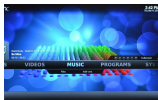- RTI8192cu Chipset
- Dimensions: 59mm x 18mm x 8mm
- Sticks out 48mm (1.9") beyond USB port
- Weight: 6g

- Wireless Standards: IEEE 802.11n (draft), IEEE 802.11g, IEEE 802.11b
- Host Interface: High speed USB2.0/1.1 interface
- Data Rate: 802.11n: up to 150Mbps (downlink) and up to 150Mbps (uplink) , 802.11g: 54 / 48 / 36 / 24 / 18 / 12 / 9 / 6 Mbps auto fallback, 802.11b: 11 / 5.5 / 2 / 1 Mbps auto fallback
- Frequency Band: 2.4GHz ISM (Industrial Scientific Medical) Band/li>
- Chipset: Realtek
- RF Frequency: 2412 ~ 2462 MHz (North America), 2412 ~ 2472 MHz (Europe), 2412 ~ 2484 MHz (Japan)
- Radio Channel: 1 ~ 14 channels (Universal Domain Selection)
- Antenna Type: Integrated Antenna
- Roaming: Full mobility and seamless roaming from cell to cell
- RF Output Power: 13 ~17 dBm (Typical)
- Modulation: 11n: BPSK, QPSK, 16QAM, 64QAM with OFDM, 11g: BPSK, QPSK, 16QAM, 64QAM, OFDM, 11b: DQPSK, DBPSK, DSSS, CCK
- Data Security: 64/128-bit WEP Encryption
- WPA, WPA-PSK, WPA2, WPA2-PSK. TKIP/AES
- Network: Auto-switch to use 802.11n or 802.11g or 802.11b mode
- Supports Ad-Hoc, Infrastructure WLAN network, Wireless roaming, Data rate auto fall-back under noisy environment or longer range distance, Site Survey with Profile function
- Configuration & Management: Plug-and-Play setup and installation, Management Utility supports 2000 / XP/ Vista
- Media Access Control CSMA/CA with ACK
- LED Indicator Link/Active (Green)
- Operating Temperature 0°C to 40°C
- Storage Temperature -20°C to 75°C
- Operating Humidity 10% ~ 90% (Non Condensing)
- Storage Humidity 5% ~ 95% (Non Condensing)
- Regulatory Compliance FCC (USA), CE Mark (Europe), RoHS Compliant, Wi-Fi Compliant
- Requirements Available USB 2.0 port

LEARN

Adafruit's Raspberry Pi Lesson 3. Network Setup
Learn how to connect to the Internet wirelessly or with Ethernet

Raspberry Pi as a Media Center
Turn your Raspberry Pi into a media center

Setting up a Raspberry Pi as a WiFi access point
Make the most adorable little WiFi router

Onion Pi
Make a Raspberry Pi into a Anonymizing Tor Proxy!

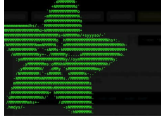Raspberry Pi as an Ad Blocking Access Point
Ads? What Ads?

OctoPrint - Open Source Host Software
Put your printer on the network with open source host software on a Raspberry Pi Model B+

Setting up WiFi with BeagleBone Black
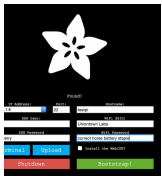Use a USB WiFi adapter to get your BeagleBone Black on the Internet!

apt.adafruit.com
The Adafruit Raspberry Pi Package Repository

Adafruit IO Connected Animated GIF Display
Push Animated GIFs to your Adafruit IO Connected Raspberry Pi
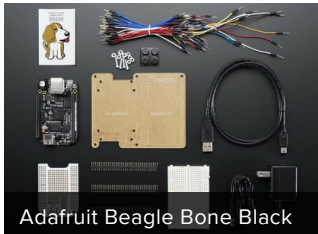
The Adafruit Raspberry Pi Finder
How to use the Adafruit Pi Finder to connect to your Raspberry Pi on your network.
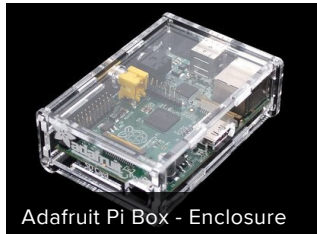
Kali Linux on the Raspberry Pi with the PiTFT
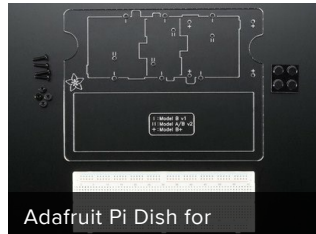Install Kali Linux on your Pi, and add a kernel that supports Adafruit's PiTFT display.

MAY WE ALSO SUGGEST...

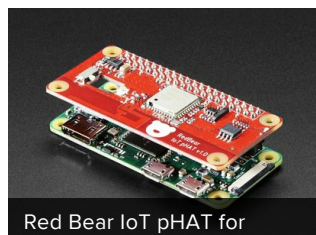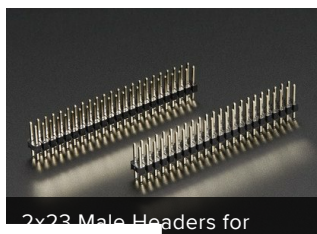|		
Adafruit Beagle Bone Black	Adafruit Pi Box - Enclosure	Adafruit Pi Dish for
Miniature WiFi (802.11b/g/n)	USB 2.0 Powered Hub - 7	USB Mini Hub with Power
Mini USB WiFi Module -	USB WiFi (802.11b/g/n)	Red Bear IoT pHAT for
USB 2.0 WiFi Hub with 3	2x23 Male Headers for	Red Bear IoT pHAT for

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