

Testing the BBB

Source: <https://github.com/nylander/BBB>

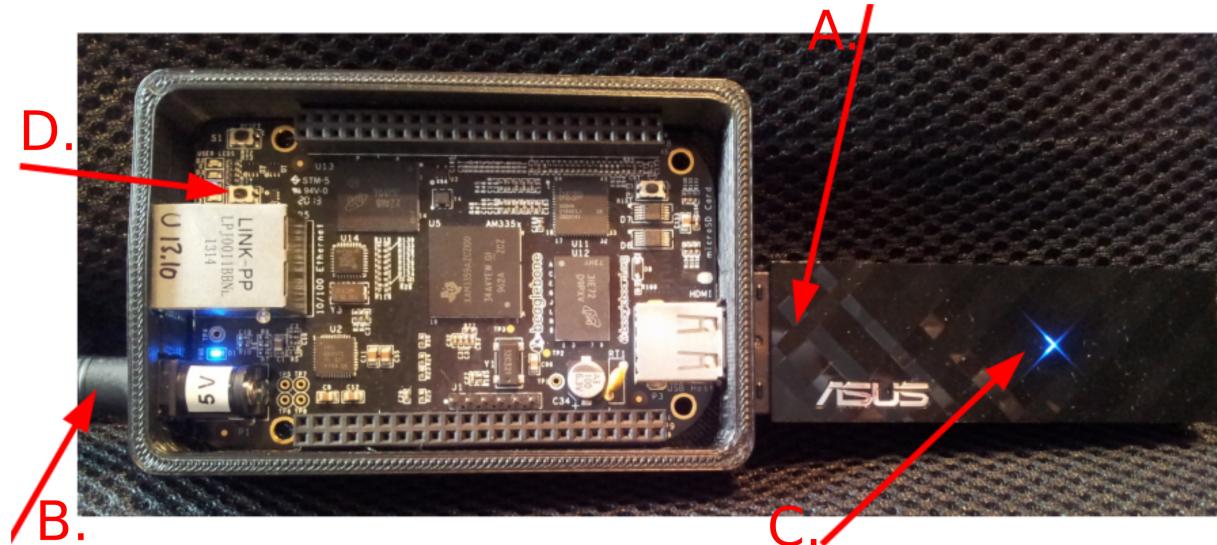


Figure 1: BBB

Parts

- BBB computer with case
- Power adapter (Output: 5V, max 3A)
- WiFi-adapter (Asus USB-N53)

Testing

1. Insert WiFi-adapter in the USB slot (**Fig. 1: A.**). It is important it's inserted as far as possible.
2. Plug in the power cord (**Fig. 1: B.**) and wait about 45 sec. The BBB should boot automatically, and the blue LED (**Fig. 1: C.**) on the WiFi dongle should blink every 5 secs.
3. Then use a laptop or mobile phone to look for a WiFi with SSID **Mr.Black**
4. If **Mr.Black** is visible, try to connect (DHCP, no “security”, no password needed). Any connected device should get an IP in the series 10.0.0.N, where N > 1.
5. Open a web browser and try to open URL <http://10.0.0.1>
6. If you see a web page on the BBB, then all is good.
7. If you cannot see a **Mr.Black**, try to shut down (see below), and try again.

Shut down

Shut down by pressing the tiny black “S3 Power” button (**Fig. 1: D.**) for 5-10 sec. All blue LEDs should switch off, then you can disassemble the BBB.