

Prerequisites

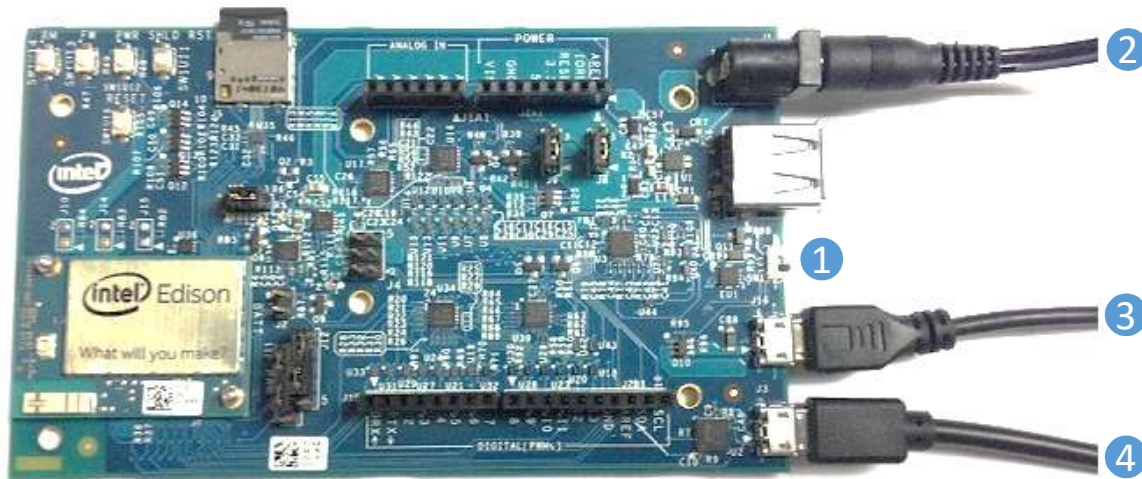
- *A set of Intel Edison with Arduino* expansion board.*
- *DC (7-15V) power adapter for Edison.*
- *2 sets of Micro USB.*

Activity 1:

Setup Edison & connect to PC

We already pre-installed all necessary software and drivers on the PC. Kindly setup Edison compute module with Arduino* expansion board and then connect to PC.

Step 1: Setup Edison



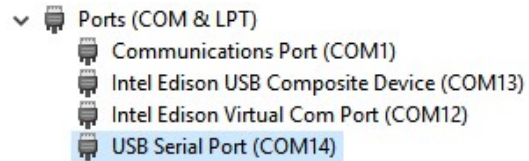
The slider microswitch is used to configure Edison into:

- Device mode (toggled down) – uploading Arduino sketches, power over USB, Ethernet over USB.
- Host mode (toggled up) – connect peripherals such as keyboards, mouse, webcam, etc.

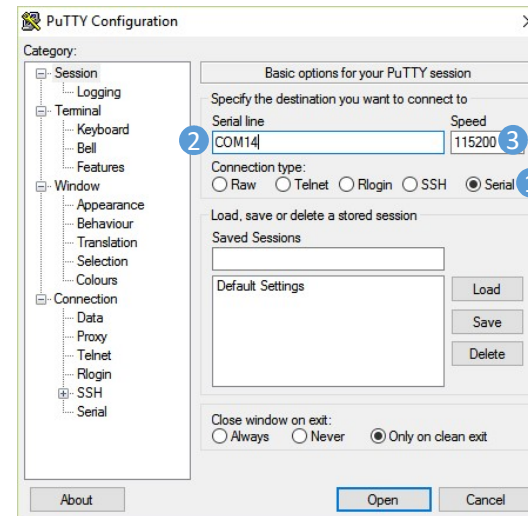
- 1 Make sure the slider microswitch is toggled down in order to configure Edison for USB device mode.
- 2 Connect DC adapter to Edison.
- 3 Connect middle port with Micro-TypeA USB cable to PC for Arduino programming.
- 4 Connect the edge port with Micro TypeA USB cable to PC for accessing Edison terminal.

Step 2: Access Edison terminal

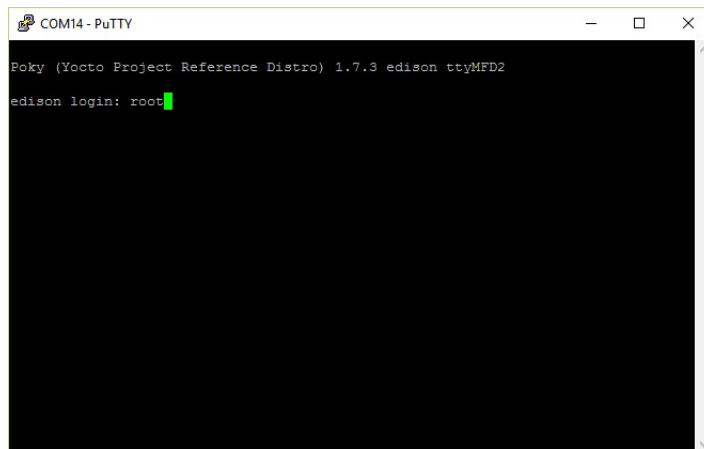
1. Use device manager to find COM Port.



2. Use PuTTY to access terminal.



3. Enter terminal by using 'root' as default user



Step 3: Configure Edison

Type the command below and press enter.

```
$ configure_edison --setup
```

A. Set password

```
Configure Edison: Device Password
Enter a new password (leave empty to abort)
This will be used to connect to the access point and login to the device.
Password: *****
```



B. Naming your board

```
Configure Edison: Device Name
Give this Edison a unique name.
This will be used for the access point SSID and mDNS address.
Make it at least five characters long (leave empty to skip): myedison
```



C. Connect to WiFi "EdisonIoT"

```
Configure Edison: WiFi Connection
Scanning: 1 seconds left

0 : Rescan for networks
1 : Exit WiFi Setup
2 : Manually input a hidden SSID
3 : Majid
4 : cs-mtg-room
5 : Nav6-A

Enter 0 to rescan for networks.
Enter 1 to exit.
Enter 2 to input a hidden network SSID.
Enter a number between 3 to 5 to choose one of the listed network SSIDs: 3
Is Majid correct? [Y or N]: y
Password must be either 5 or 13 characters.
What is the network password?: *****
```