

Ethernet IoT Starter Kit

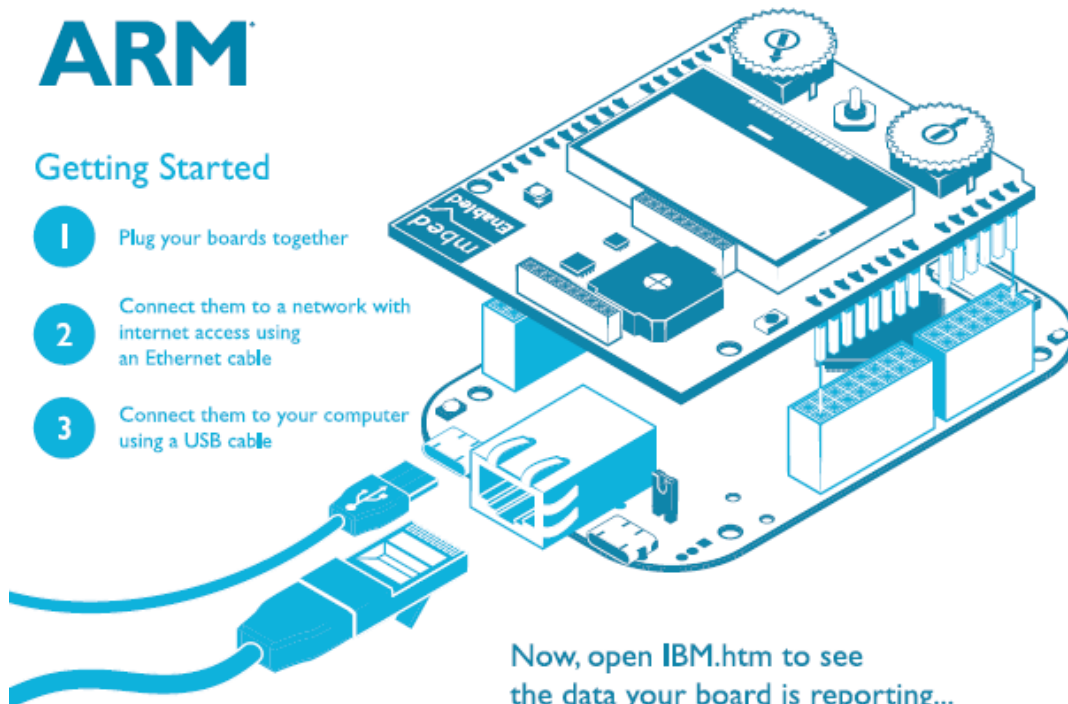
This starter Kit for IBM IoT Foundation provides the user with a slick experience, getting data from the on board sensors into the IBM cloud within minutes of opening the box. It is particularly suitable for developers with no specific experience in embedded or web development, as it provides a platform for learning new concepts and creating working prototypes. After the initial out of box experience, the infinite possibilities of cloud applications can be explored through IBM's production grade BlueMix platform, in which deployment and device management is as simple for one device as it is for one million. The starter kit hardware can be modified and extended to explore the device design space, and a finalised design can be taken to production using the mbed SDK and HDK.



Kit Contents

- **mbed Enabled Freescale K64F**
 - Freescale K64F Kinetis K64 MCU (MK64FN1M0VLL12)
 - High performance ARM[®] Cortex[™]-M4 Core with Floating point unit and DSP
 - 120MHz, 256KB RAM, 1MB FLASH
- **mbed Application shield**
 - 128x32 Graphics LCD
 - 5 way joystick
 - 2 x Potentiometers
 - Speaker, PWM Connected
 - 3 Axis +/- 1.5g Accelerometer
 - RGB LED, PWM connected
 - Temperature sensor

Getting Started



Now, open IBM.htm to see the data your board is reporting...
For help, visit mbed.org/IBMEthernetKit