

Quick Start Guide for 2.1" Legio™ Display Evaluation Kit

1. Overview

Congratulations for having purchased this evaluation kit. Legio™ is e-Paper Innovation's first flexible colour display range, offering four colours plus black and white.

You should have the following content in the package:



Feather nRF52840
Express



Feather Legio™/Lectum™
Shield



2.1" Legio EPD



Micro USB Cable
- A to Micro B

We do not supply a power supply –

2. Feather nRF52840 Express

We selected the *Adafruit Feather nRF52840 Express* as the basis for our Evaluation Kit, it is equipped with Bluetooth Low Energy and native USB support and utilises the nRF52840 V2. It is an Arduino-compatible and features built in USB plus battery charging. Learn more at:

[Adafruit Feather nRF52840 Express](#)

3. IDE Installation

We selected *PlatformIO* as the IDE because it is a cross-platform, cross-architecture, multiple framework, professional tool for embedded systems engineers and for software developers who write applications for embedded products.

Please download *PlatformIO IDE* and follow the instructions during installation. *PlatformIO* is built on top of Microsoft's free, open source and MIT-licensed editor *Visual Studio Code*.

[Link to PlatformIO IDE](#)

4. Download display driver

Please download the display driver library from e-Paper Innovation's Github repository.

[Link to e-Paper Innovation Github repo](#)