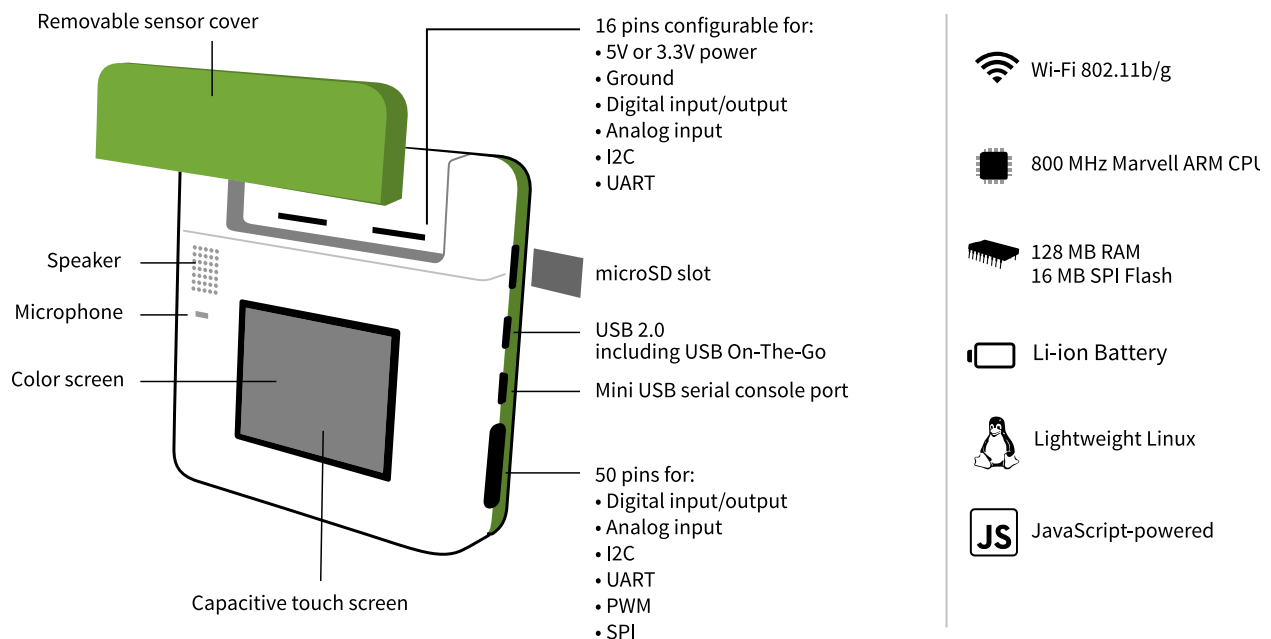


Kinoma Create

Operational Description

Kinoma Create is a prototyping device for developing internet connected embedded devices. It is powered by an efficient ARM CPU with Wi-Fi connectivity, a capacitive color touch screen, and 66 I/O pins.



Start Kinoma Create by pressing the white power button on the back. The Kinoma logo appears immediately indicating the device is booting. The logo will display for approximately 45 seconds (*please check*). After boot up completes the screen displays the on-board applications for configuring the Kinoma Create.

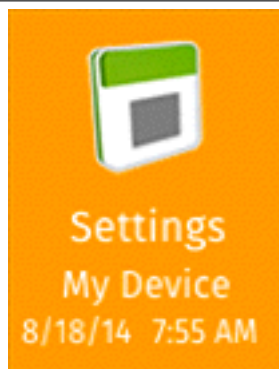


Wi-Fi

Tile displays the currently connected Wi-Fi network, if any, and device's IP address.



Clicking the "Select network" button displays a list of available networks. Select a network and enter password if necessary. Kinoma Create remembers the last configured Wi-Fi network.






Settings

Tile shows Kinoma Create name, along with the time and date. The time and date are only displayed after Kinoma Create successfully connected to the Internet.

Name: Set Device name if needed. This is the name that this Kinoma Create will use for network connections, including debugging in the Kinoma Studio IDE.

Timezone: It is important to set the local timezone for apps that use time and date based API's. The optional day light savings check box needs to be manually update to match local conditions.

Startup App: For testing Kinoma Create can be set to launch into a specific app. The default is the Kinoma Create Launcher app.

	<p>Delete Apps: Allows removal of apps that have been installed on Kinoma Create. Note: built-in apps, such as Wi-Fi and Settings cannot be deleted.</p>
	<p>Debugging: Kinoma Create can be set to Allow debugging over W-Fi and require a password to debug.</p>
	<p>Version: Shows the current version number and Updates if available.</p>
	<p>Clear Caches: Allows clearing of Kinoma Studio App, Cookie and HTTP caches</p>
	<p>Reset SD card: Format and partition an SD to become a bootable file system</p>
	<p>MAC Address: Shows the MAC Address of this Kinoma Create. The MAC address is the unique id of the device.</p>
	<p>Battery</p> <p>Tile shows current battery charging status and percentage of charge</p>
	<p>Graph shows battery percentage over the last 120 minutes</p>
	<p>Front Pin Muxing</p> <p>Allows user to select either right or left front headers and assign pin functionality to the individual pins.</p>
	<p>Each header can have separate voltages. Mux settings are saved across device restarts</p>
	<p>Logs</p> <p>Logs contains information about the operation of Kinoma Create.</p>

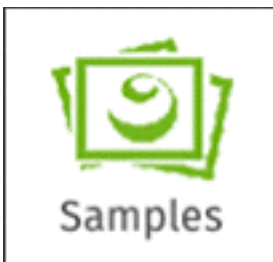
Logs		
pinmux.log	1.5 KB	8/11/14 12:26 PM
settings.log	315 bytes	8/14/14 8:18 AM
system.log	152.9 KB	Now
wifi.log	3.4 KB	22 hours ago

Kinoma Create logs PinMux settings, Settings, System events, Wi-Fi configurations. Developers can add new logs or data to existing logs.



Files

Files app provides simple view and management functionality for files on Kinoma Create. It can display PNG and JPEG images, MPEG-4 files, and the first 8KB of text based files. Individual files can be deleted.



Samples

Samples app shows current contents from the Kinoma GitHub Samples repository. Select samples to download and view on the device. Select View Source to view the JavaScript source and other project assets.