

Converting an Emax Nano Tx to a Rx

The below was tested on V3.3.0

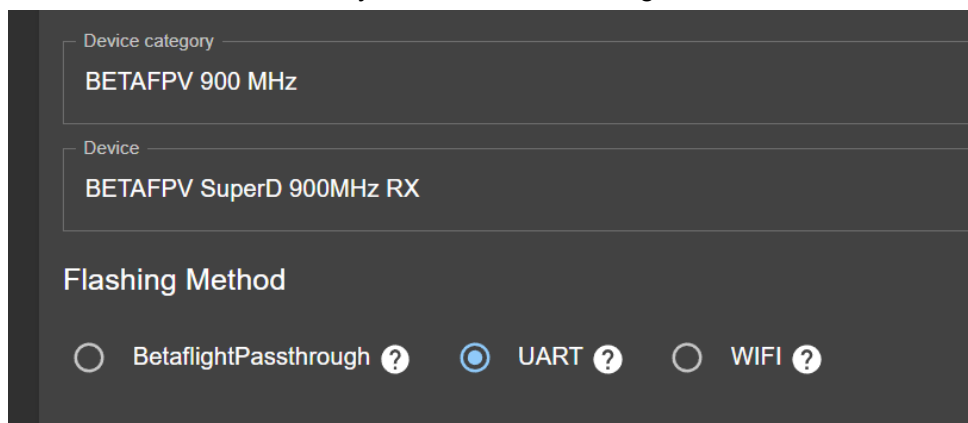
The fan is currently not enabled for Rx targets. Make sure the PCB and heatsink has adequate airflow and cooling.

1. With a default Emax Nano Tx, start WiFi and go to http://elrs_tx.local/hardware.html

2. Upload the below target JSON

```
{
  "serial_rx": 13,
  "serial_tx": 17,
  "radio_dio0": 4,
  "radio_miso": 19,
  "radio_mosi": 23,
  "radio_nss": 5,
  "radio_rst": 14,
  "radio_sck": 18,
  "power_rxen": 12,
  "power_min": 0,
  "power_high": 7,
  "power_max": 7,
  "power_default": 2,
  "power_control": 3,
  "power_values": [10,20,30,40,60,110,150,225],
  "power_apc2": 26,
  "led_rgb": 27,
  "led_rgb_isgrb": true,
  "button": 0
}
```

3. From the ExpressLRS Configurator flash the BETAFPV 900M SuperD target. It should work with any ESP32 900M Rx target.



The screenshot shows the ExpressLRS Configurator interface. It has a dark background with light-colored text. Under the 'Device category' section, 'BETAFPV 900 MHz' is selected. Under the 'Device' section, 'BETAFPV SuperD 900MHz RX' is selected. The 'Flashing Method' section is at the bottom, showing three radio button options: 'BetaflightPassthrough' (unselected), 'UART' (selected, indicated by a blue dot), and 'WIFI' (unselected). Each option has a question mark icon next to it.

4. The firmware setup is now finished.

5. Wire the UART as below.

