Updating the Nano firmware

Altimeter Cloud

You can update or restore the firmware on your Nano over a USB cable, using the web-based update tool here on the Altimeter Cloud.

You will need a PC or laptop running Google Chrome, Microsoft Edge or Opera. Your exact firmware version is shown in `device_information.html` on the Nano's drive.

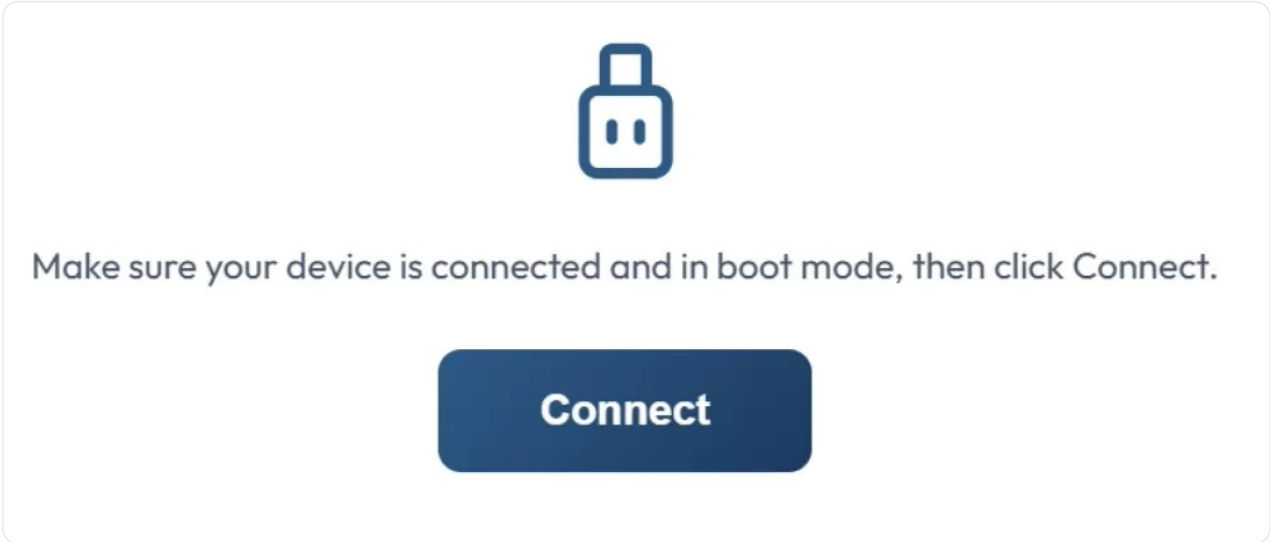
Open the firmware update tool ↗

Updating the Nano

1

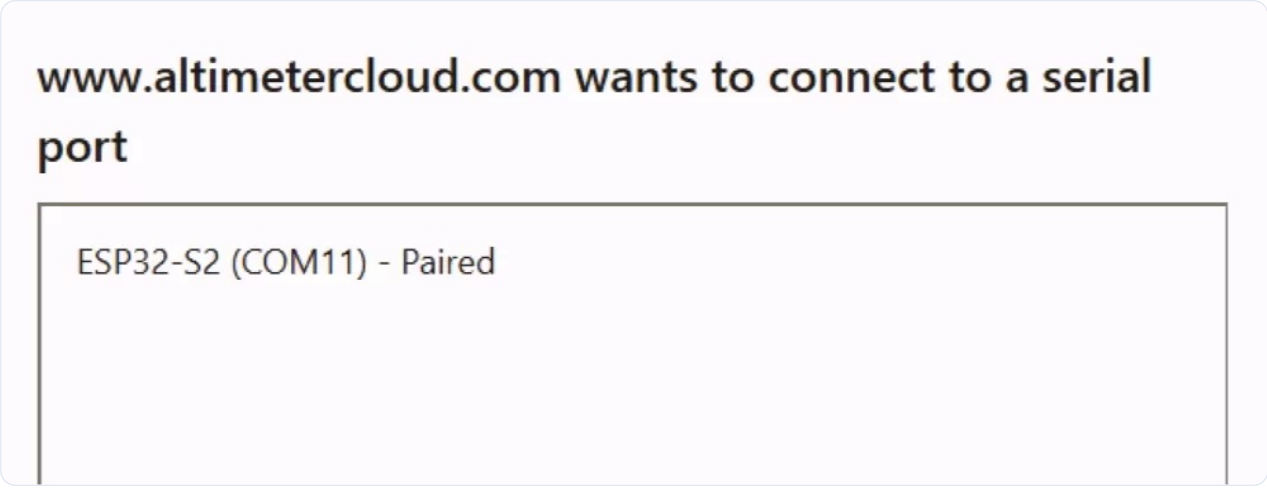
Set the Nano's power switch to OFF.

Hold down the tiny button, which sits next to the USB connector on the top side, while you plug the USB cable into the Nano. Then click **Connect Device** in the update tool.



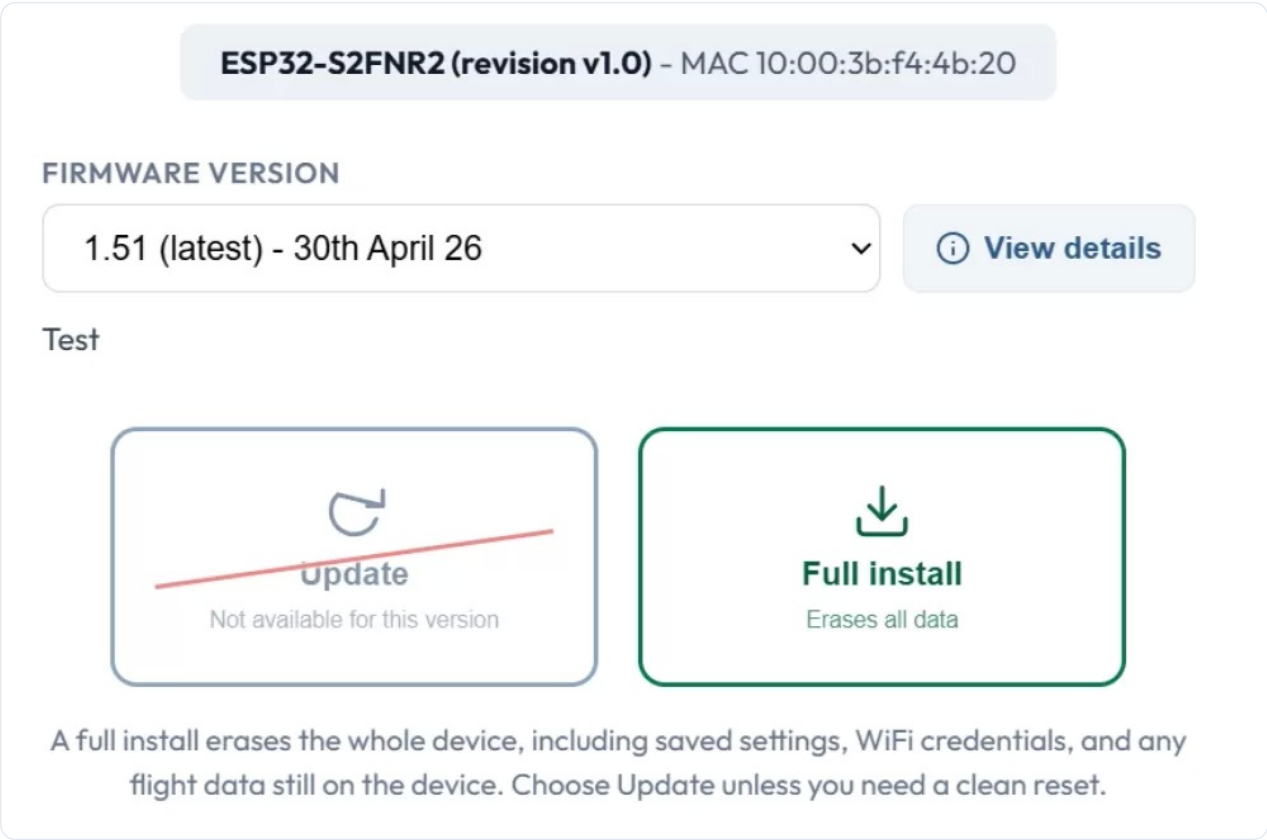
2

A connection box pops up. The Nano appears in the list as an ESP32-S2 device. Select it and connect.



3

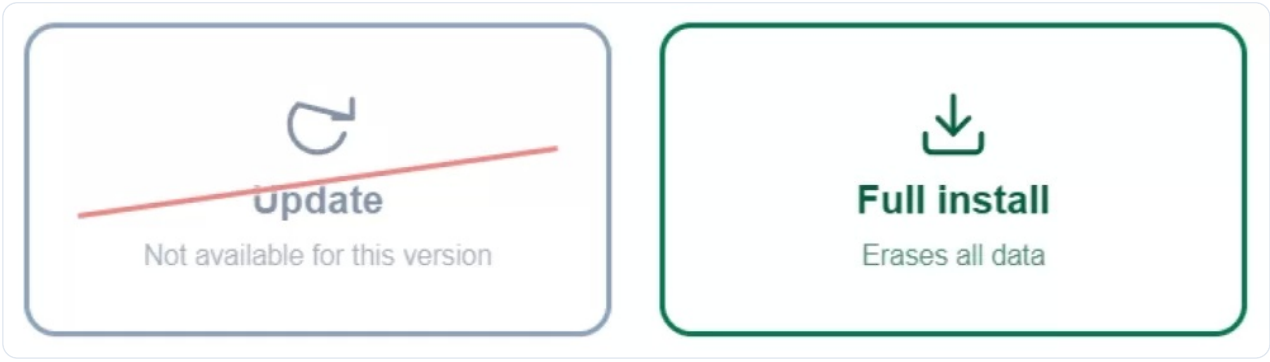
The tool shows the firmware that matches your Nano's processor, which should usually be the only one listed. Click the button to install it.



Update or Full install

Update replaces only the program on the altimeter, and leaves the settings and flight data alone. This is the one to use normally.

Full replaces the entire flash memory. Use it if you've erased the Nano (for example after using it as a development board), or want a fresh factory install. The install button turns orange when Full is selected, as a reminder.


Update
Not available for this version
Full install
Erases all data