Technical Note NVT-0038

Release date: 09/2025

Technical Note Description;

Powering up a FireVu FV3

Product Models Covered;

FV3/01

Steps;

Very occasionally the FireVu FV3 BIOS can get corrupted due to an unexpected power outage or similar. If the unit detects the corruption it will load a set of fail safe defaults. Unfortunately the fail safe values include enabling the power button on the main PCB. If this becomes enabled then the unit will not boot automatically when the +5v power supply is connected. It will wait for the power button to be pressed before booting.

Booting the Device.

Once you have everything ready, please follow these simple instructions below to get started.

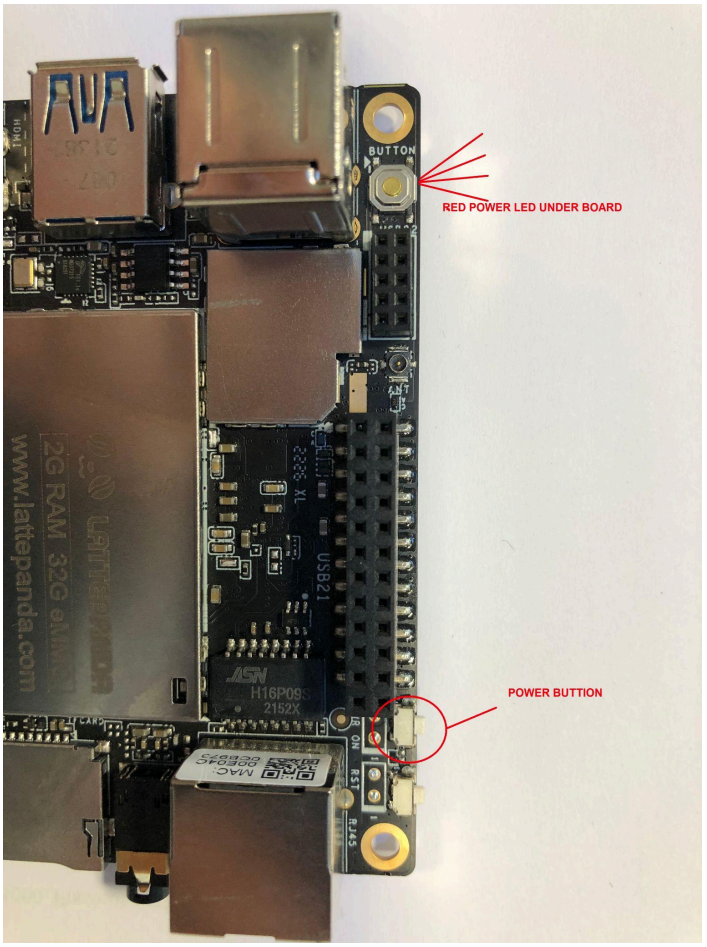
1. Remove the case from the unit

2. Plug a USB keyboard in to any of the USB ports.

3.Connect the +5v to the FireVu FV3/01

4.When plugged in, you should see the red LED indicator light up on the underside of the board. This means that the LattePanda is initializing. Wait patiently for a few seconds until the LED light goes out.

5.When the LED indicator turns off, press and hold the power button for one second to turn on the FV3. You should see the LED indicator light up again.



Disabling the power button;

6. Press escape on the keyboard when the screen shows the “American Megatrends” logo to access the BIOS (Sometimes you may need to re power the device and try again).

7. Once in the BIOS, move the cursor to ‘Boot >Machine Status AC/Battery In and set to ‘Power On’ and then set Quiet Boot to ‘Disabled’. Navigate to Save&Exit > and press Enter.

8. Wait for the screen to go black before powering down/disconnecting the power supply so the FV3 saves the new Power settings correctly.

9. Ensure the unit powers up when the +5v DC power is connected and the power button does not need to be pushed.

10. Refit the case.