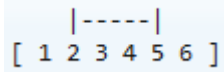# HowTo connect your Vu+ Zero via RS232 Serial connection.

First of all you will need an RJ12 connector (if you do not have 1 already you can get 1 from eBay or local hardware store should be able to help).
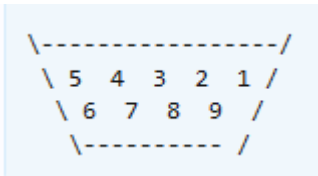
The RS232 connection on the back of the Vu+ Zero has the following pinout.

```
      |-----|
[ 1 2 3 4 5 6 ]
```

You need to wire as follows.

```
       RJ12              DB9F
GND     5      <-->      5  GND
 TX     2      <-->      3  RX
 RX     1      <-->      2  TX
```

The pinout of a conventional RS232 connector looks like this:

```
 \-----------------/
  \ 5  4  3  2  1 /
   \ 6  7  8  9  /
    \---------- /
```

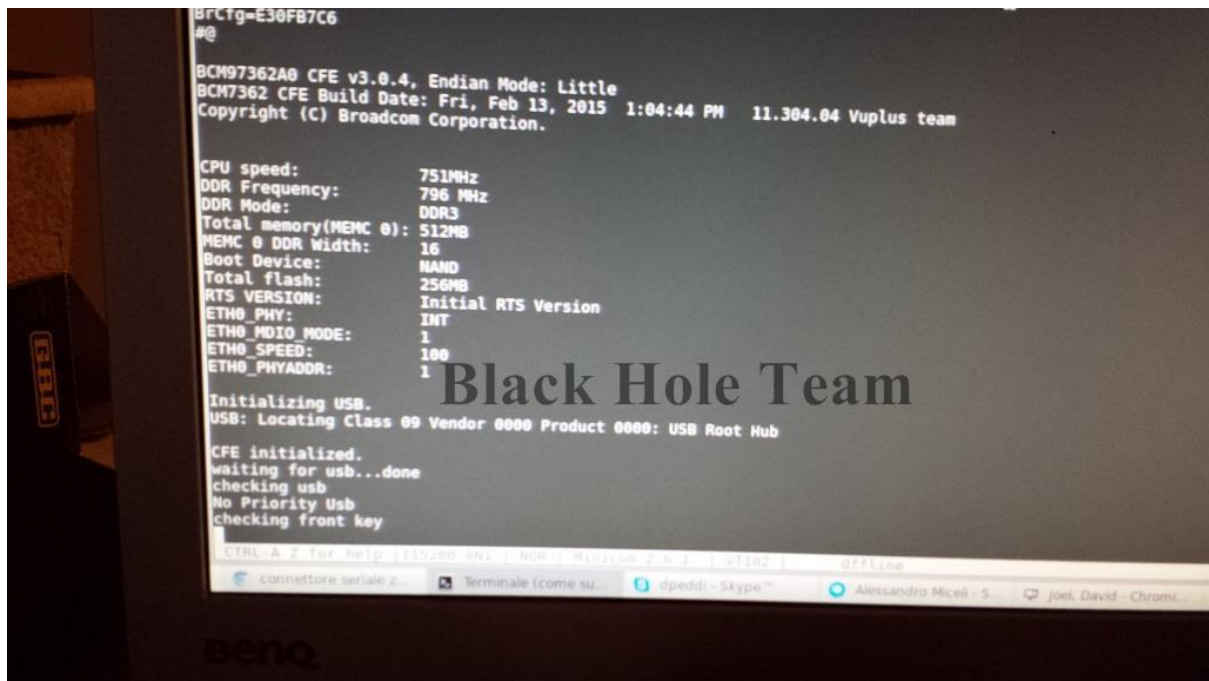Your RJ12 connector should look something like this:

Connect the 3 wires into the RS232 serial connector like this:
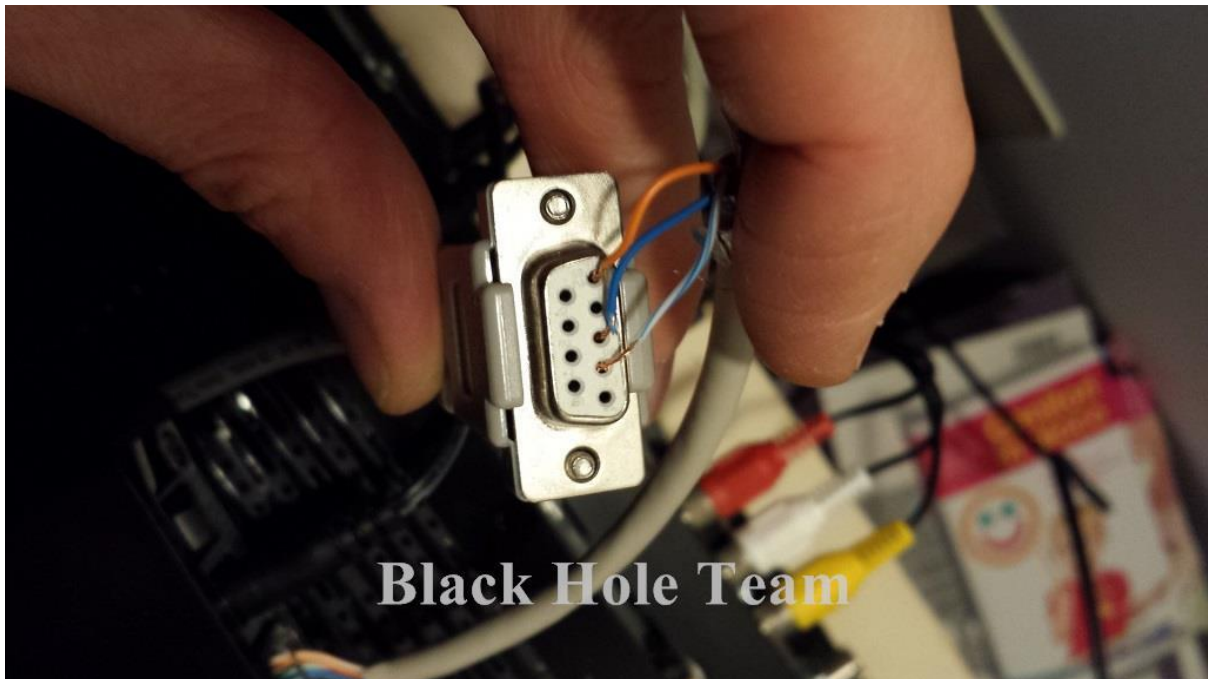
Connected to Zero:

Then once connected to your terminal program (such as putty), you should see something similar to this:

If you see an output similar to the above picture, that it all done and working.

Thanks to dpeddi from the Black Hole Team for the information and pictures.

Guide written by Ev0 from the Black Hole Team.