

# Beaglebone recover RS232 serial port J1 FTDI

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To connect to the Beaglebone Black via SSH, use a USB to FTDI converter to J1. Be sure not to connect the Vdd, 5V, 3.3V or any pin providing voltage to J1!

## Beaglebone Black J1 pinout

pin	purpose
1	ground
4	RX data (connect to TX data of FTDI adapter)
5	TX data (connect to RX data of FTDI adapter)

There is no standard pinout for the USB to FTDI adapters, but the pins are normally labeled on the USB to FTDI adapter board.

1. connect the USB to FTDI adapter to your Beaglebone Black (you might use a USB extension cable—I've had good luck over the years with the Keyspan USA-19HS)
2. open up PuTTY and set the baud rate to 115200 8-N-1 and your COM port to the one you see in Device Manager in Windows or [Linux](#).
3. Hit Enter a couple times on your laptop and you should see the login prompt.

linux

beaglebone serial-port