

CUWIN OS Flash Instructions

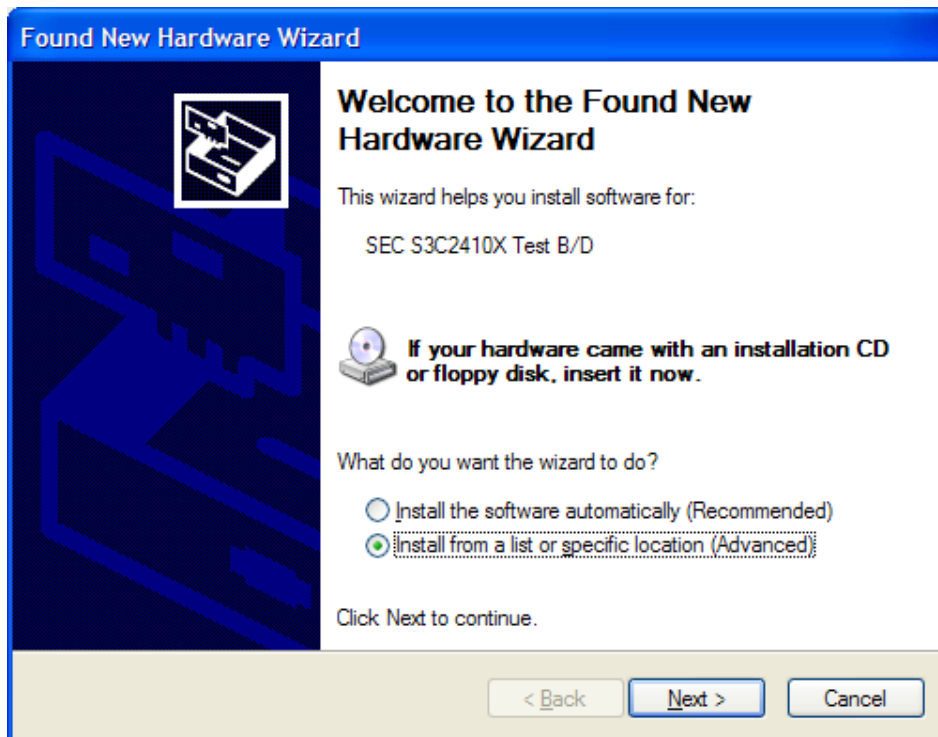
Follow the following instructions to upgrade the Operating System on a CUWIN 3200 or 4300.

1. Download CUWIN OS Image zip file
2. Unzip the downloaded zip file.
3. Set the CUWIN's operating mode as using the DIP switches on the CUWIN's right side.

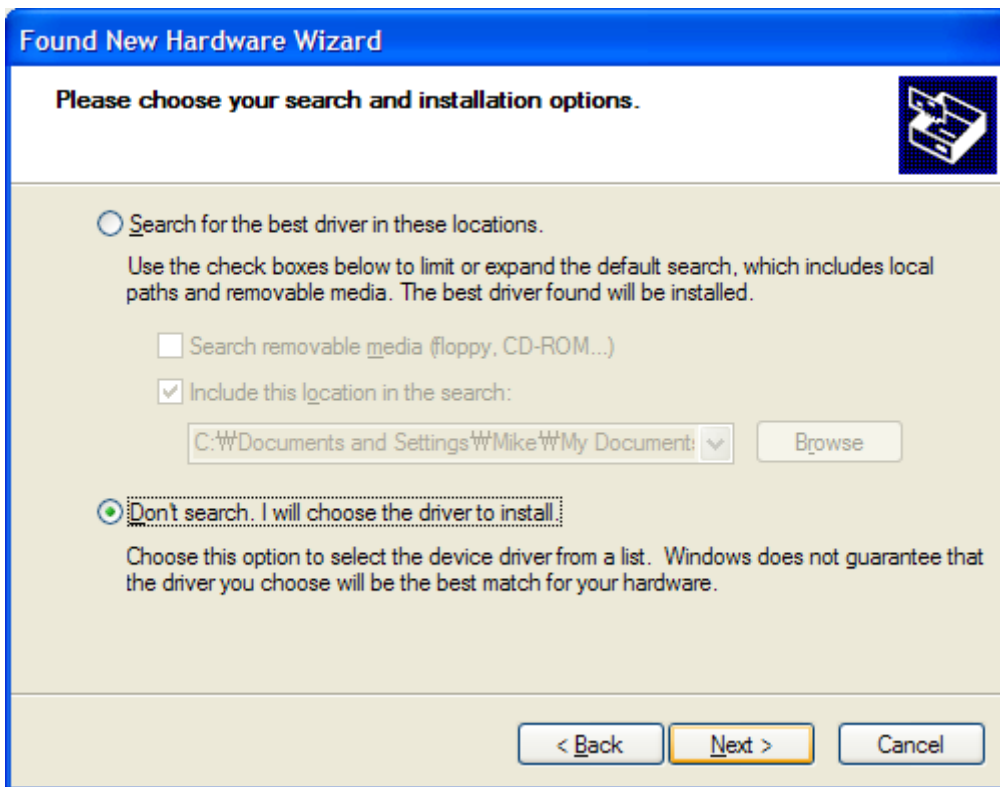
DIP Switch Position	State
1	Off
2	On
3	Off
4	Off
5	Off
6	Off

4. Plug a serial cable from the PC's COM port to the CUWIN's COM port 2
5. Connect a USB cable from the PC's USB port to the CUWIN's "USB Device" USB port.
6. Turn on the CUWIN.

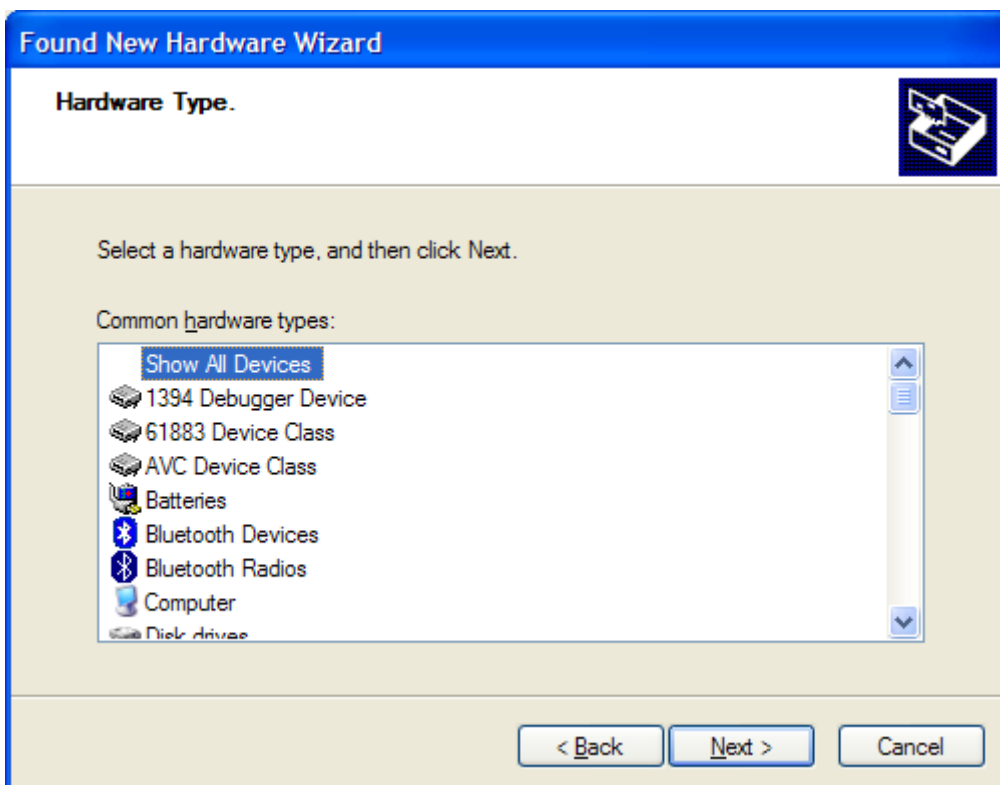
You will have to install a driver, so follow these instructions in the Windows "Add New Hardware" wizard.



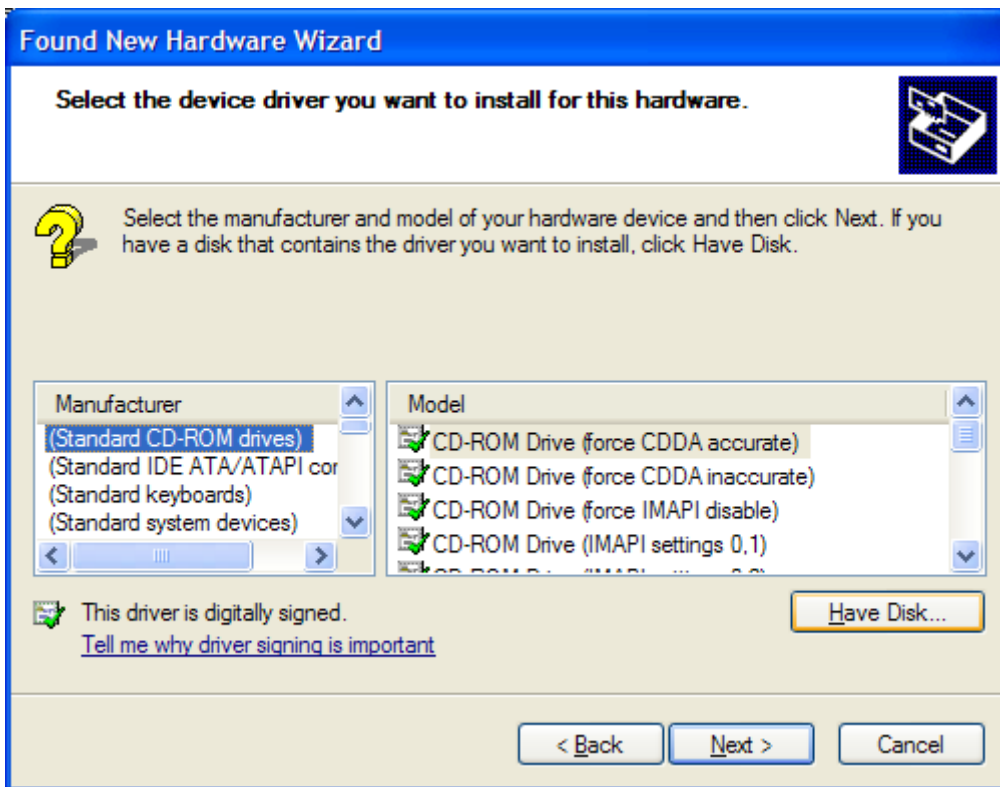
1. Choose the "Install from a list or specific location (Advanced)" option and click the "Next" button.



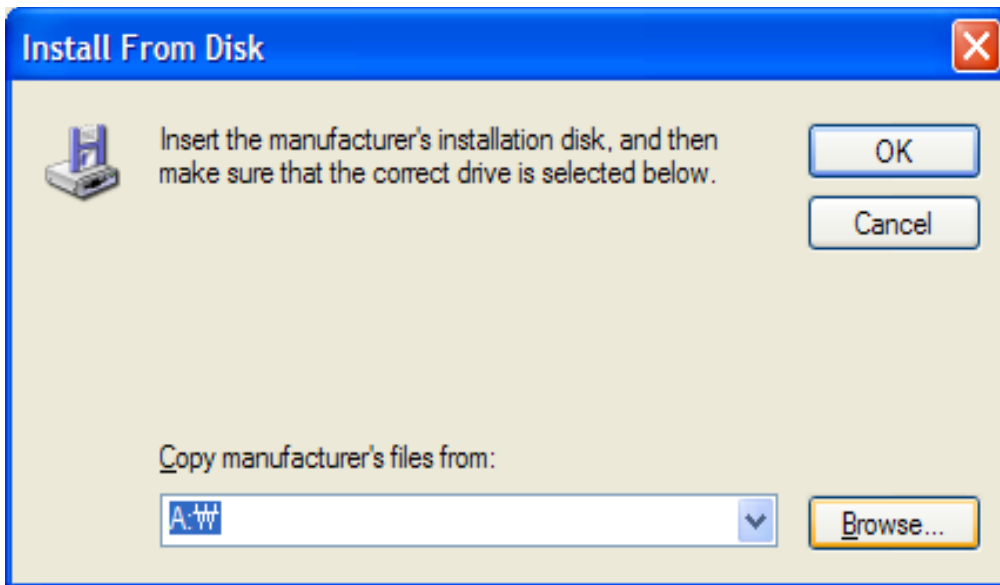
2. Choose the “Don't search. I will choose the driver to install” option, and click the “Next” button.



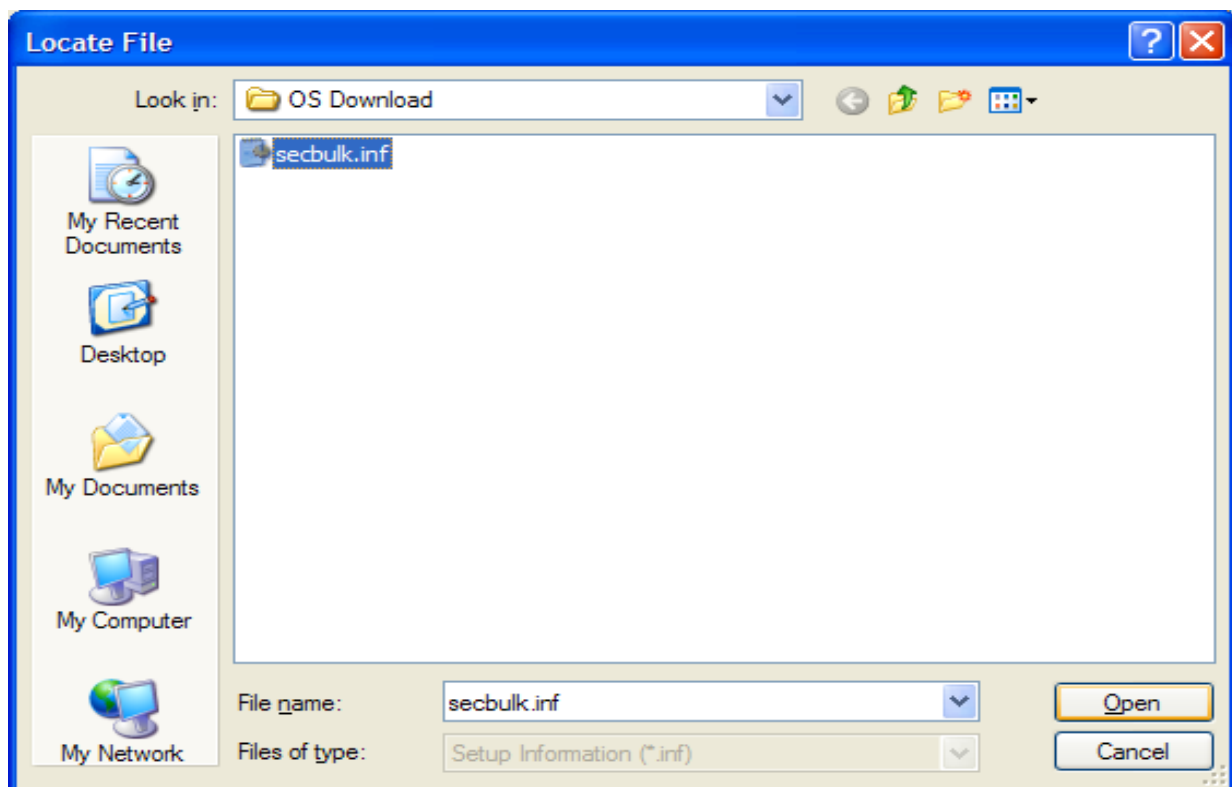
3. Choose the “Show All Devices” option and click the “Next” button.



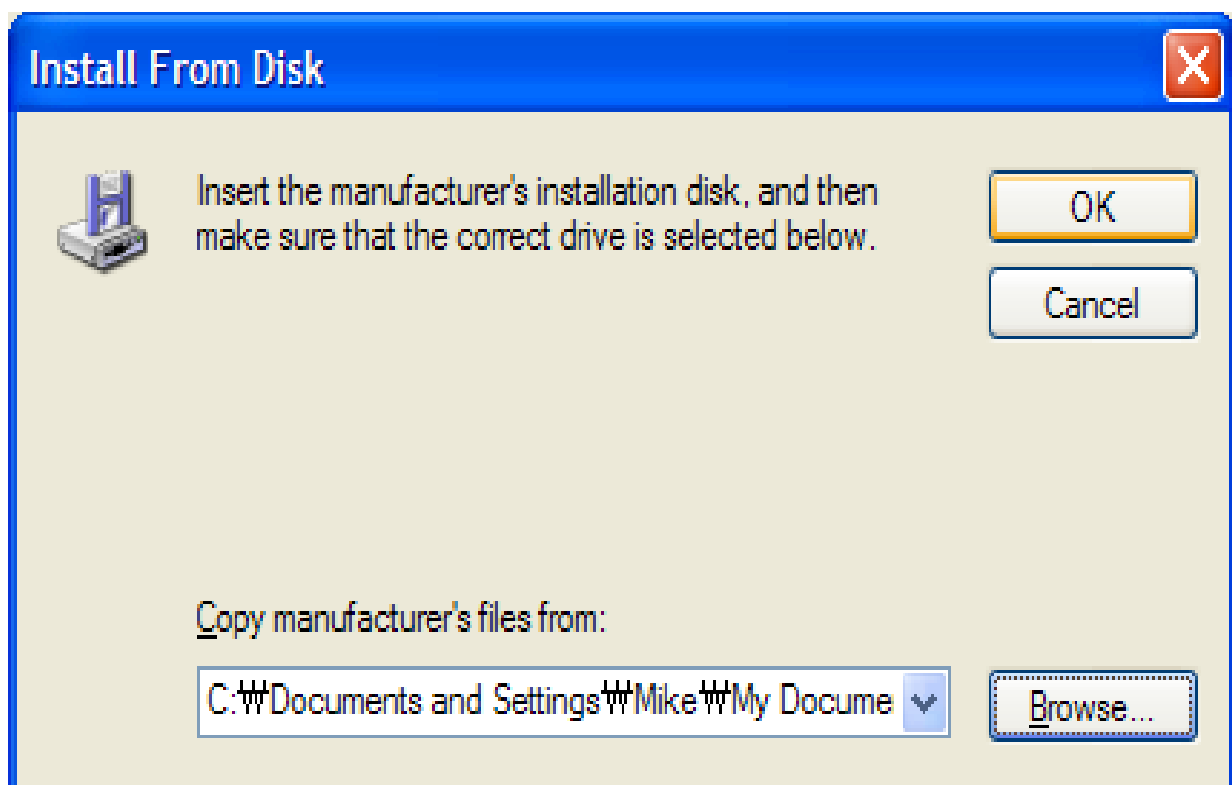
4. Click the “Have Disk...” button



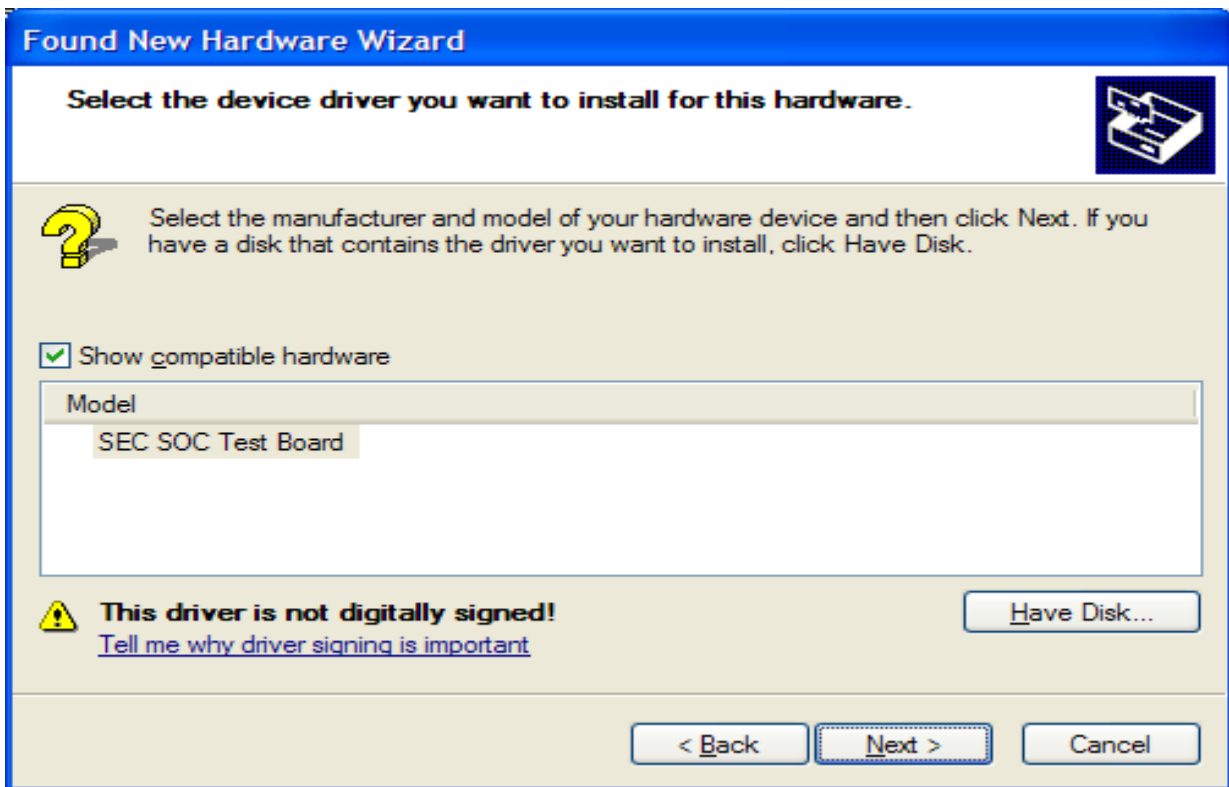
5. Click the “Browse...” button.



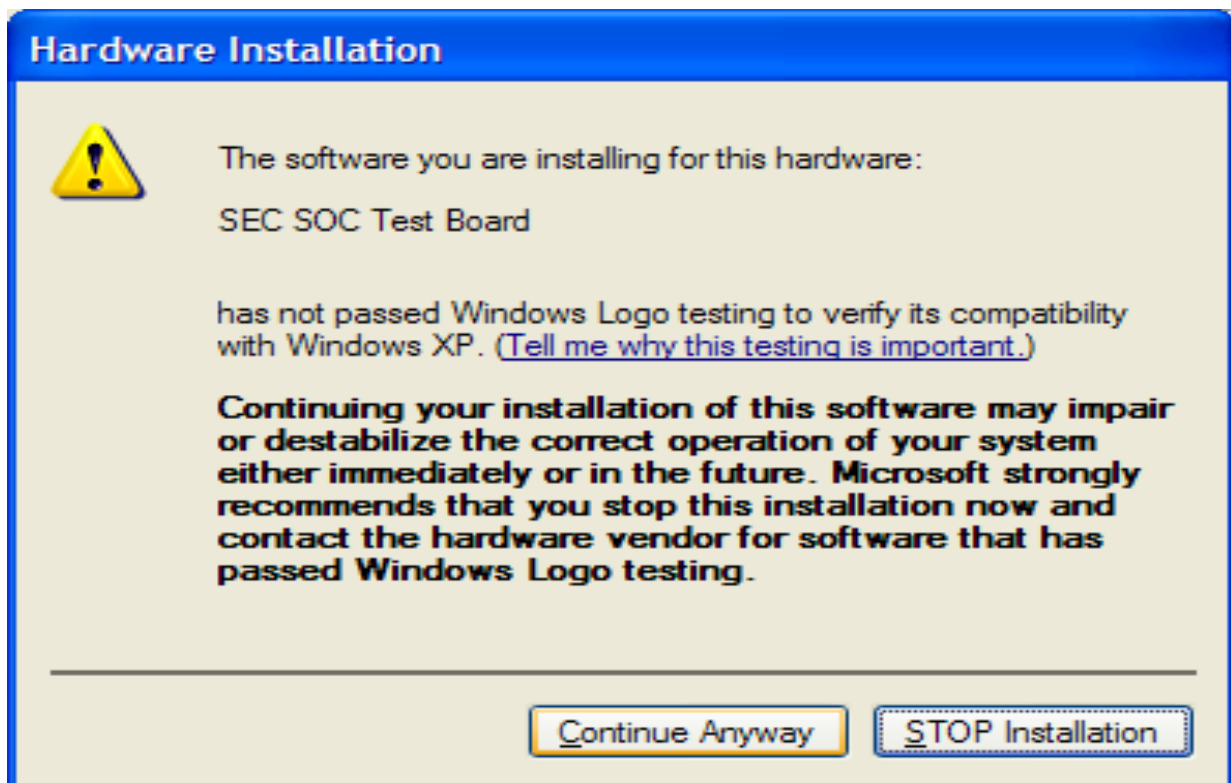
6. Browse the “OS Download” folder that you downloaded and unzipped, and choose the “secbulk.inf” file. Then click the “Open” button



7. On the next screen, click the “OK” button



8. Click the “Next” button

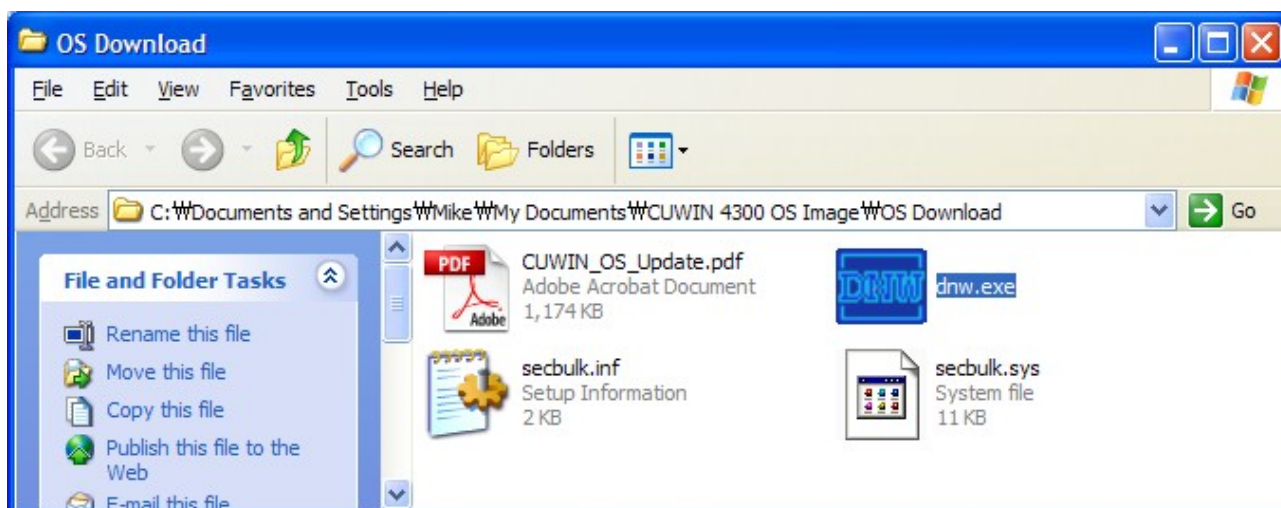


9. Click the “Continue Anyway” button.

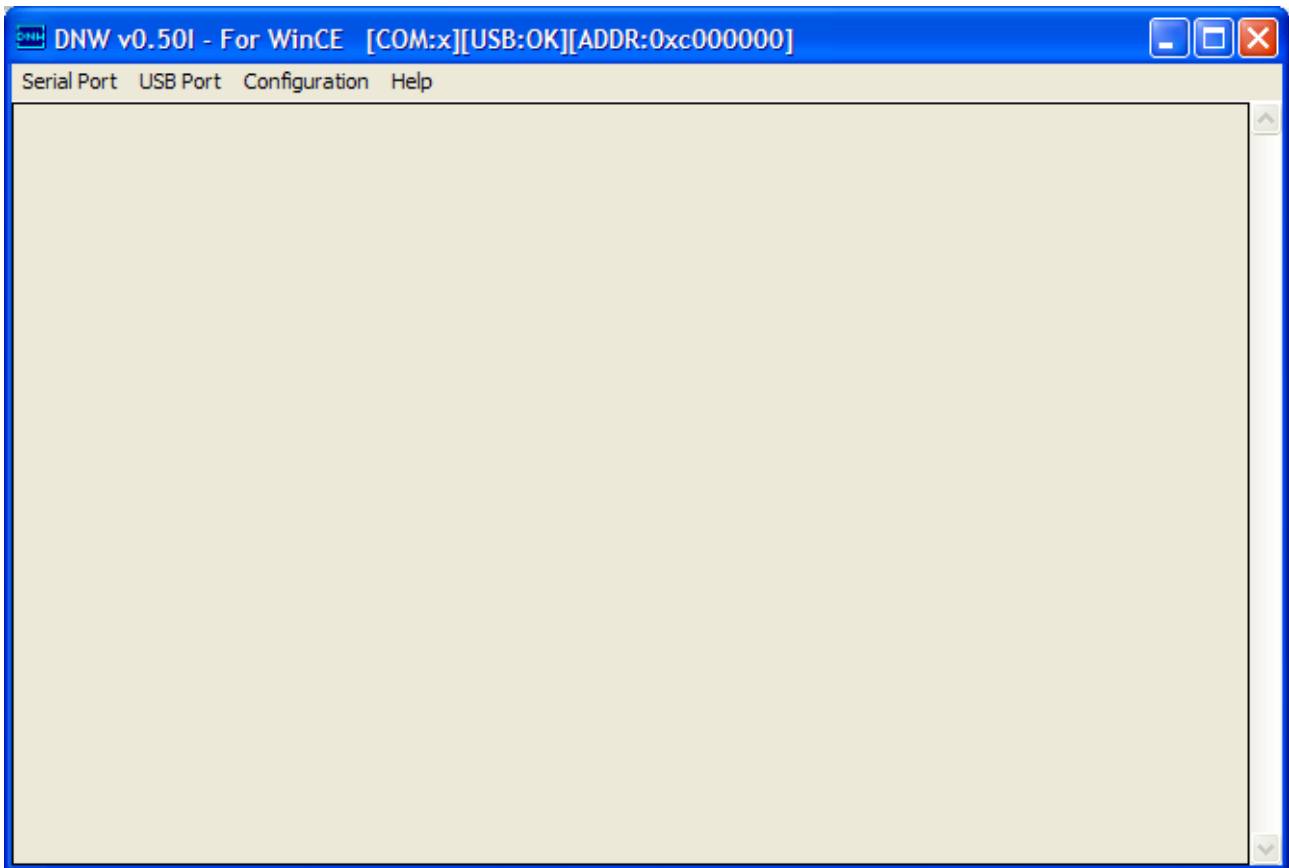


10. Click the “Finish” button

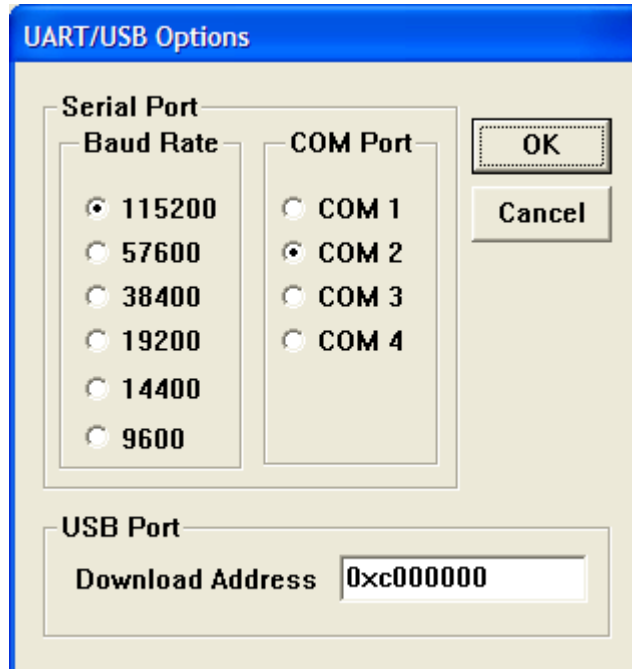
You are now finished installing the necessary hardware drivers. Now we will Flash the CUWIN's OS with the OS download utility.



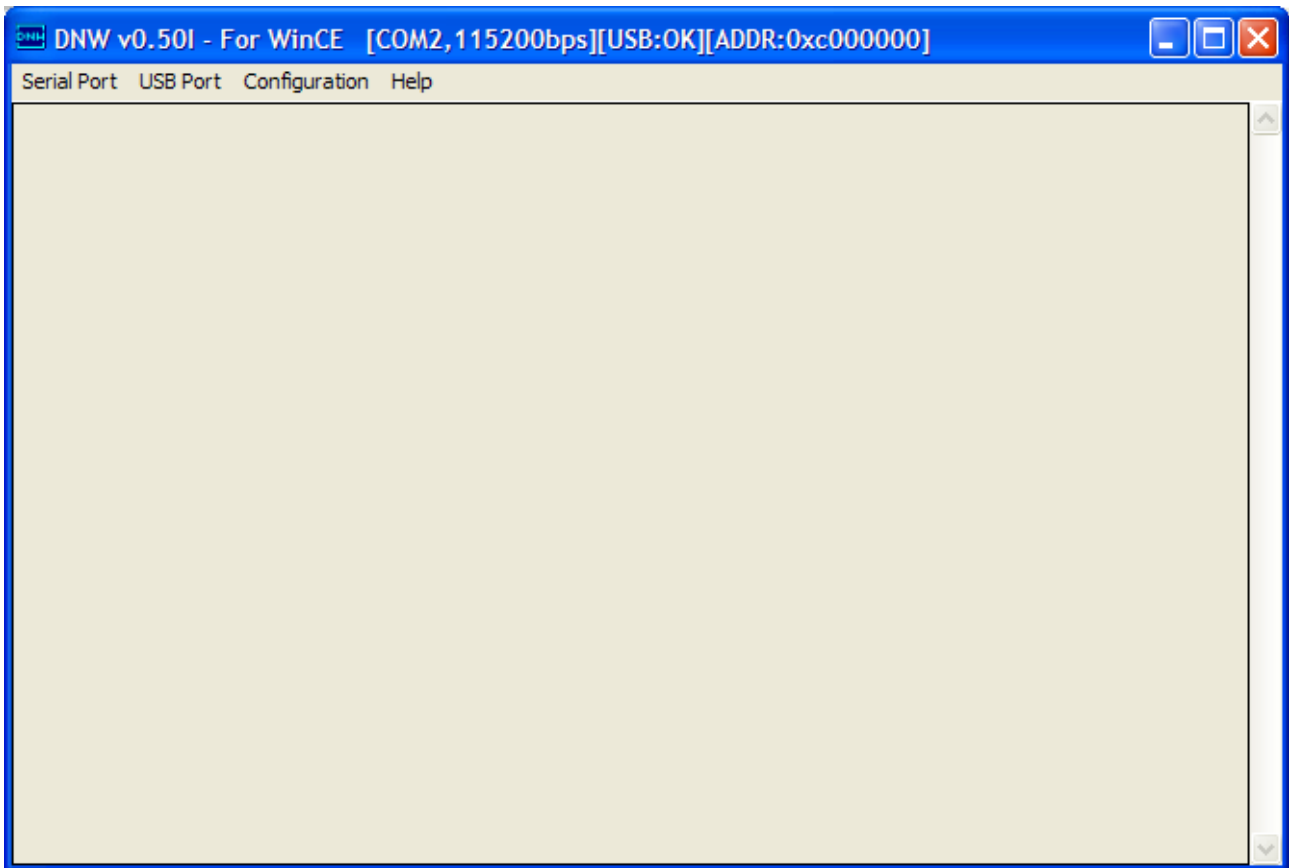
1. Browse to the “OS Download” folder that you previously downloaded and unzipped and run the “dnw.exe” file.



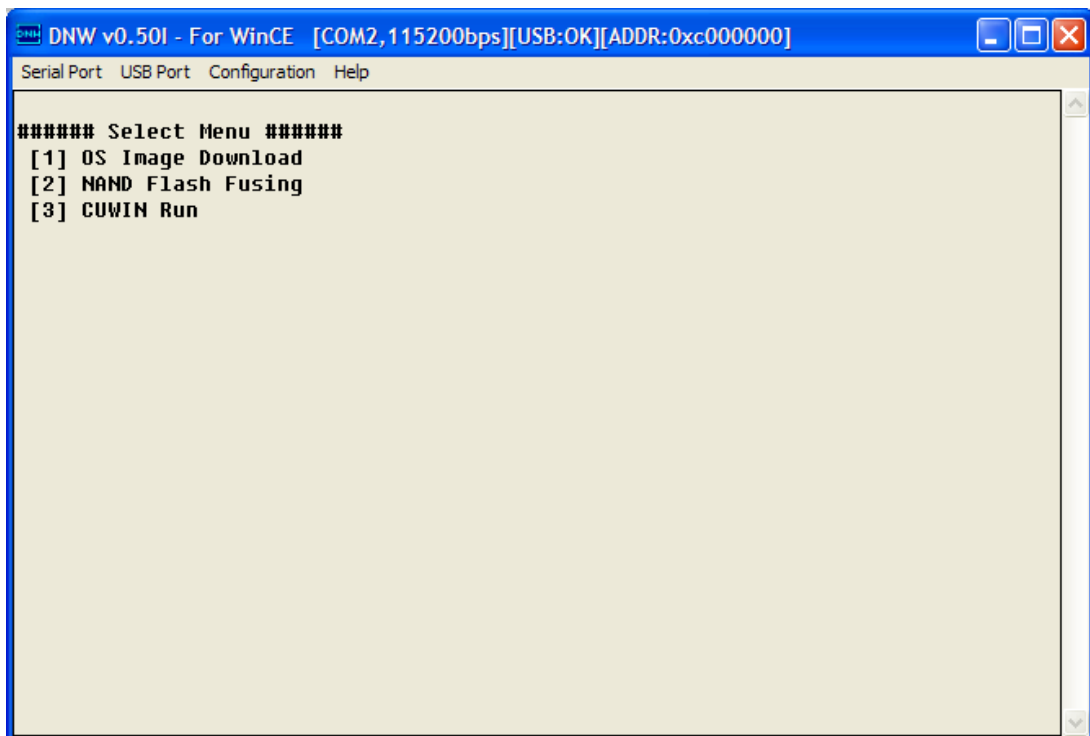
2. In the screen that appears, be sure the window's title bar reads “USB:OK”



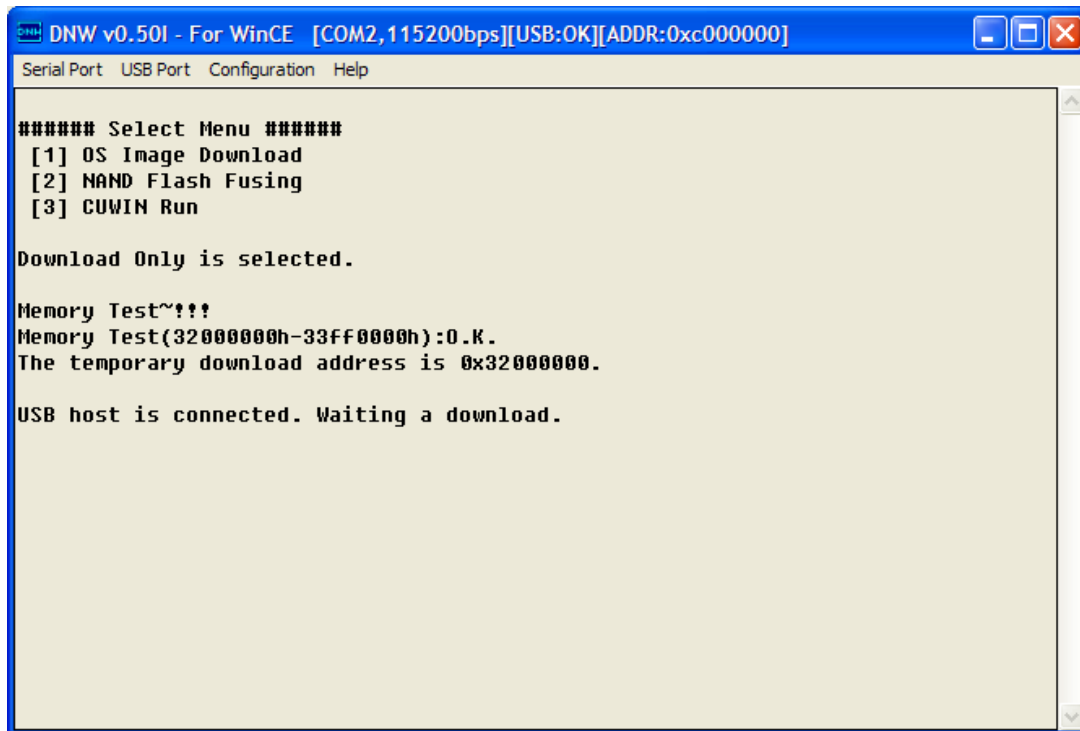
3. Choose the “Configuration”--> “Options” from the menu to configure the serial port. Choose your PC's serial port, and a baud rate of 115200, then click “OK”. The download address should read “0xc000000”



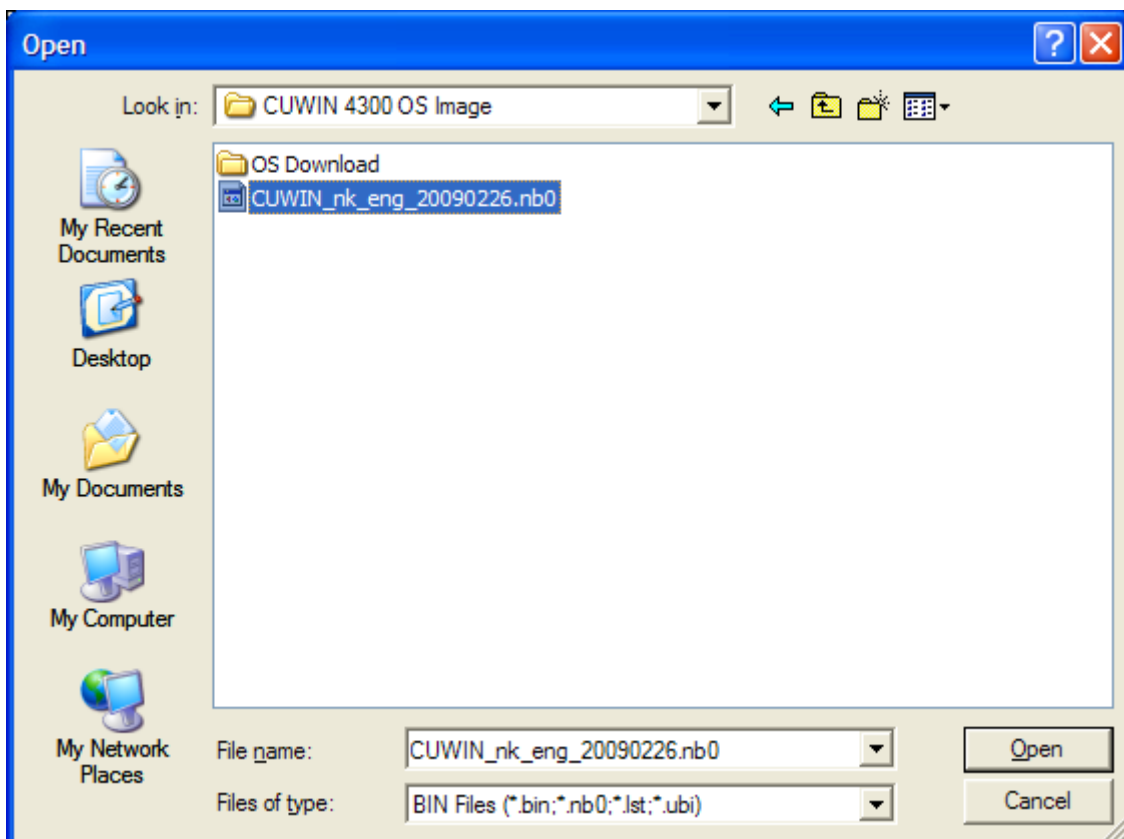
4. Choose "Serial Port" → "Connect" from the menu, and you should see the window's title bar change to read the Com port and baud rate selected earlier.



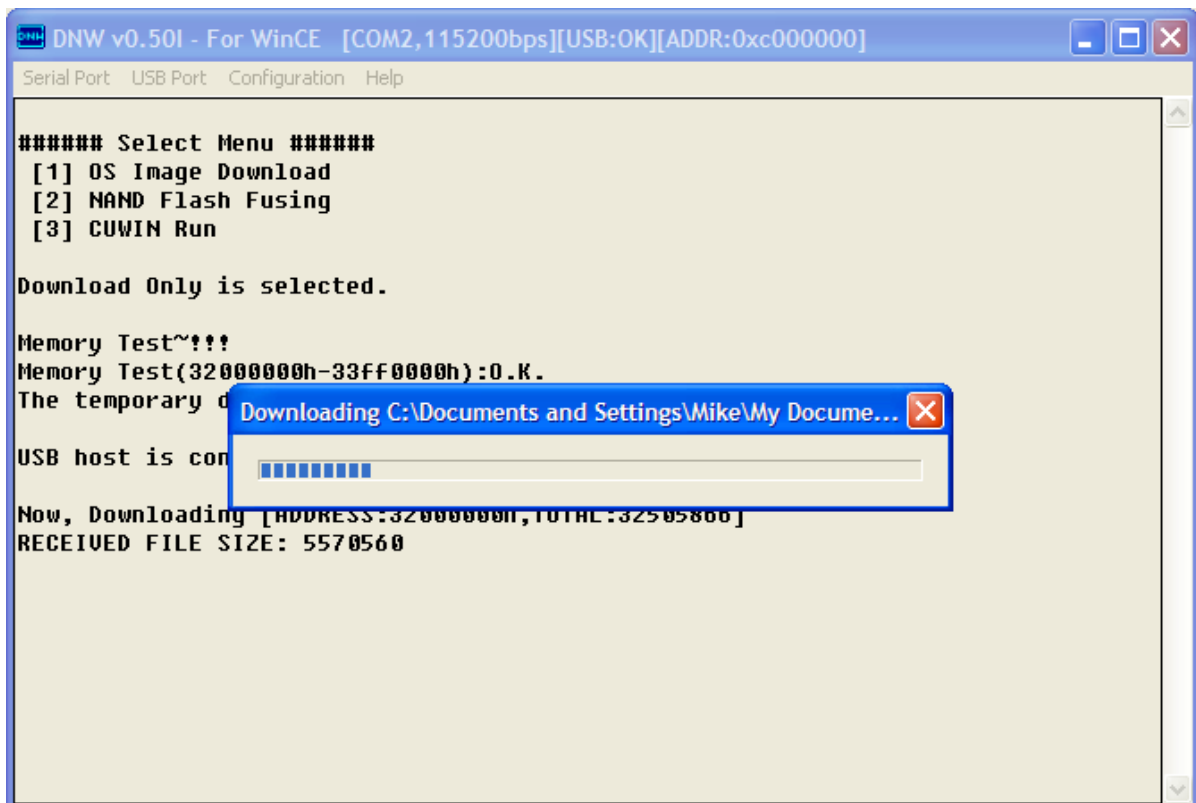
5. Press the "Enter" key and you should see menu appear.



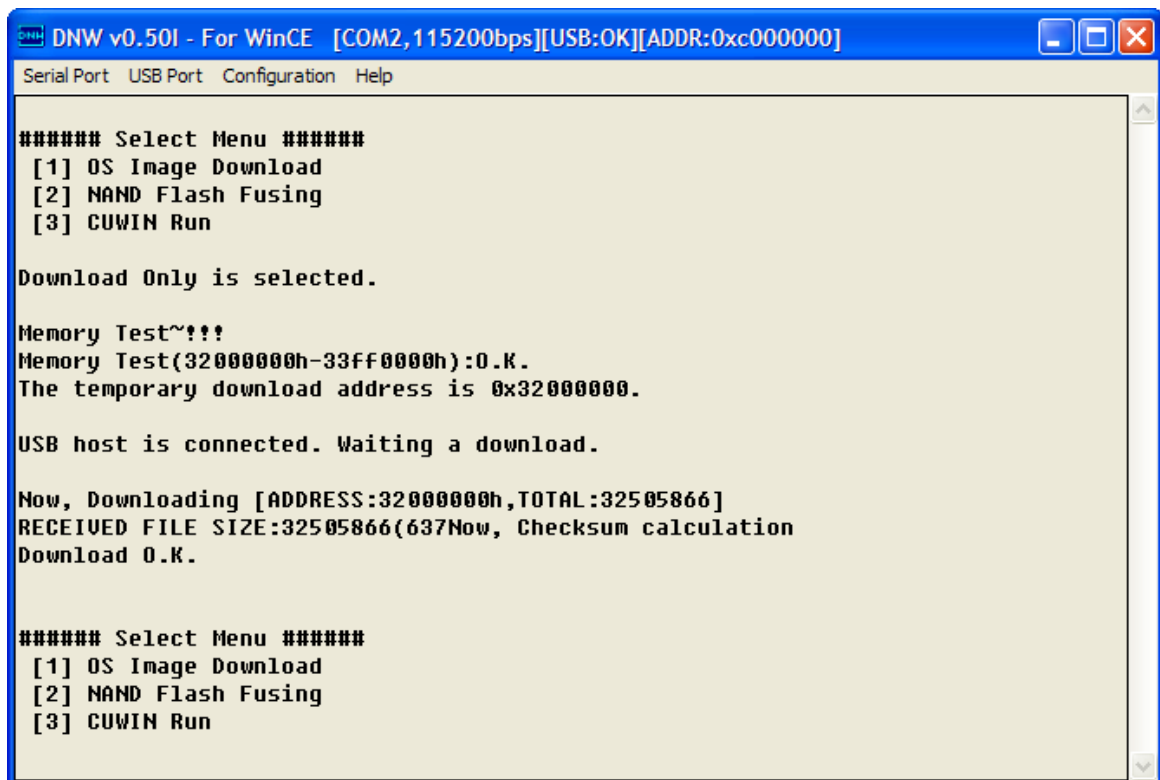
6. Press "1" to select the "OS Image Download" option and the screen above should appear.



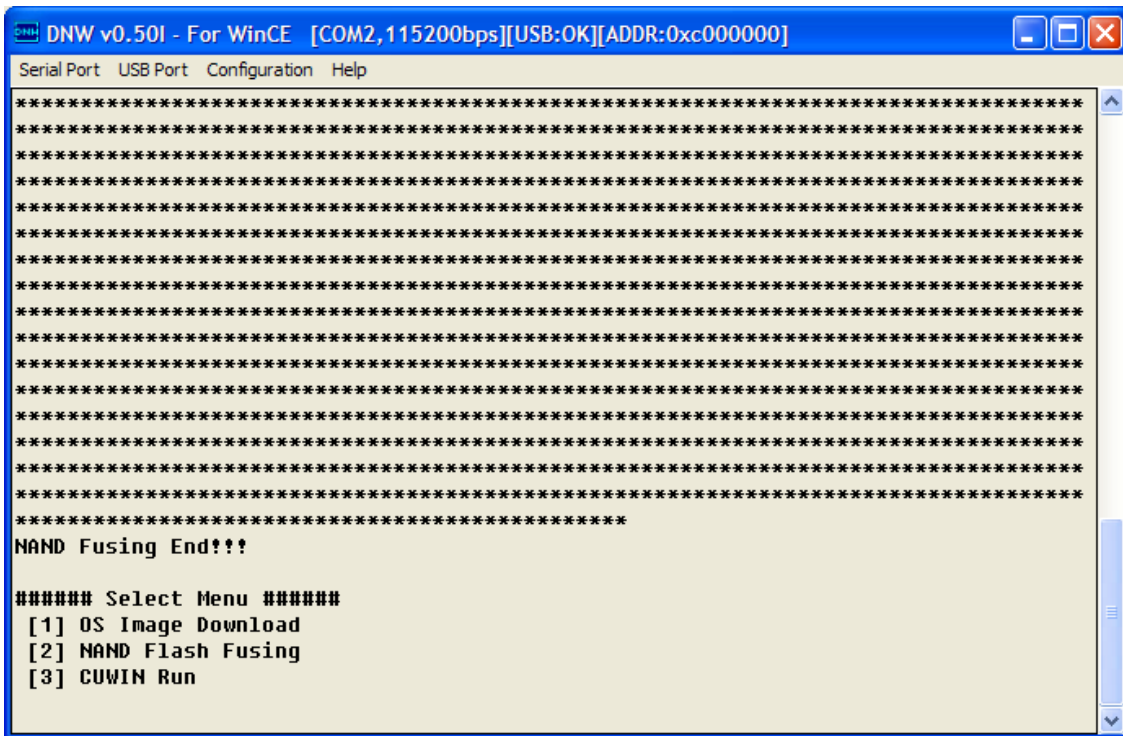
7. Choose "USB Port" → "Transmit" → "Transmit" from the window menu, and browse to the *.nb0 file from the "CUWIN OS Image" folder you downloaded and unzipped earlier. Then click the "Open" button.



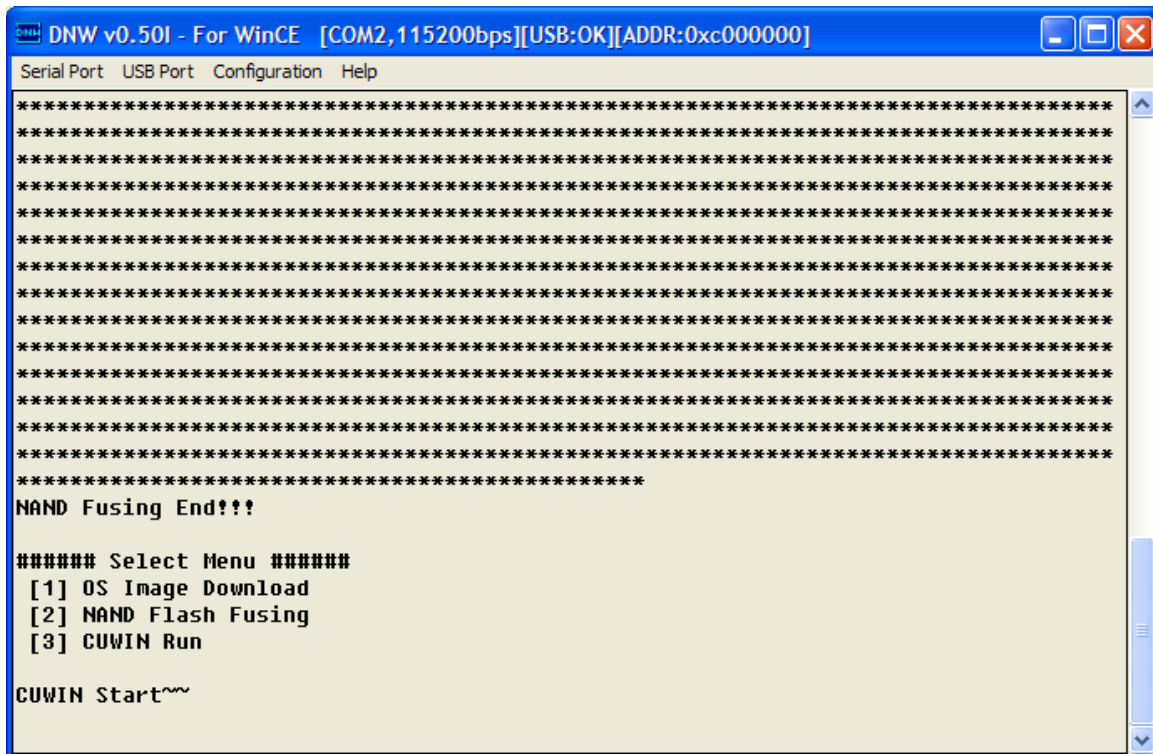
8. The utility will begin copying the OS Image to the CUWIN.



9. When finished, the screen above should appear. Press "2" to choose the "NAND Flash Fusing" option.



10. When the process is finished, the screen above should appear. Press “3” to choose the “CUWIN Run” option.



11. The CUWIN will reboot. Wait until it boots to the Windows CE desktop.

The OS has image has been successfully copied to the CUWIN. Power Off the CUWIN, reset it's operating mode with the DIP switches on the right, and, power the CUWIN back on.