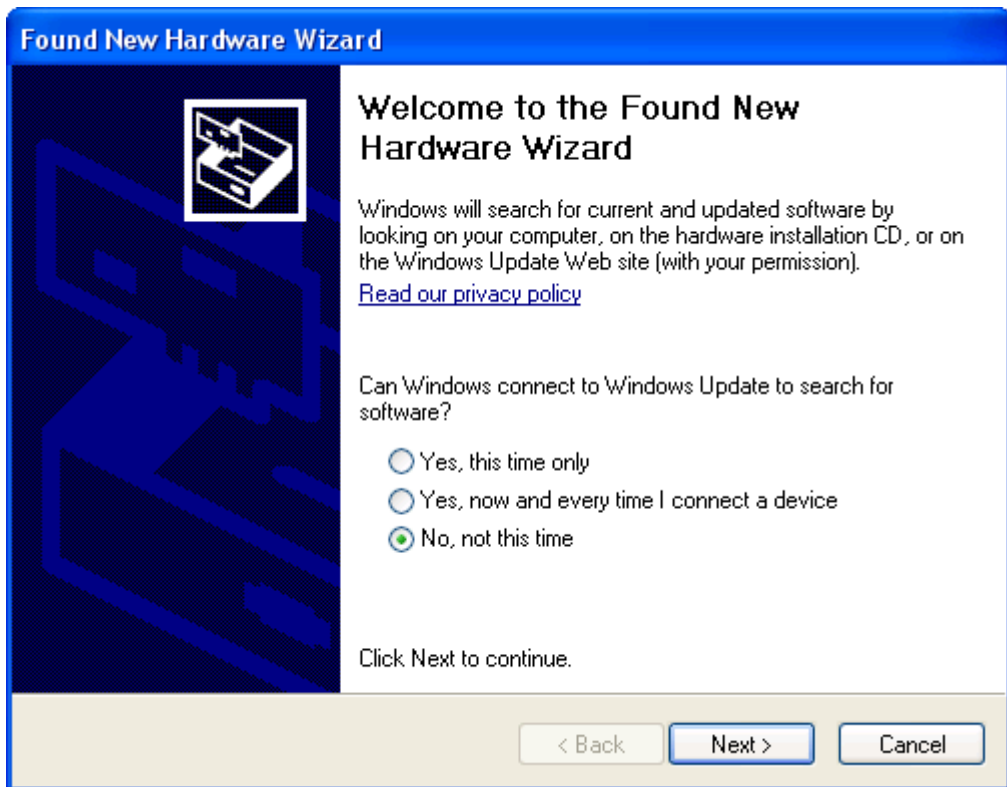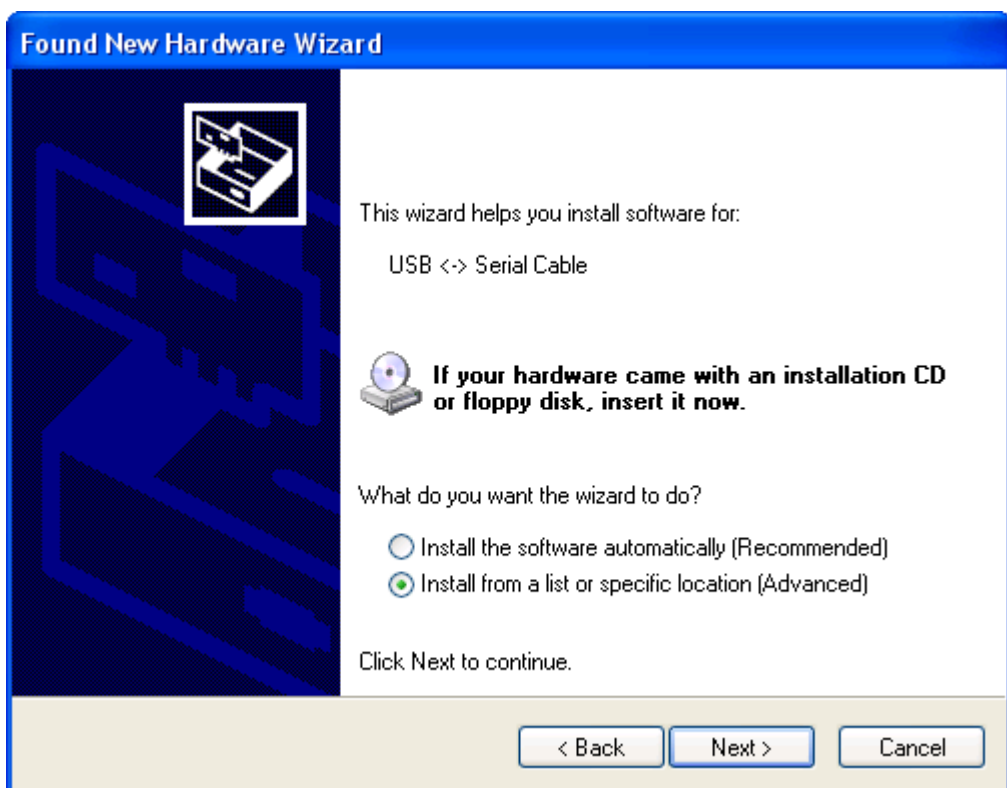## 2.2   Installing VCP Drivers

To install VCP drivers for an FT232BM, FT245BM, FT8U232AM or FT8U245AM device under Windows XP and XP SP1, follow the instructions below:
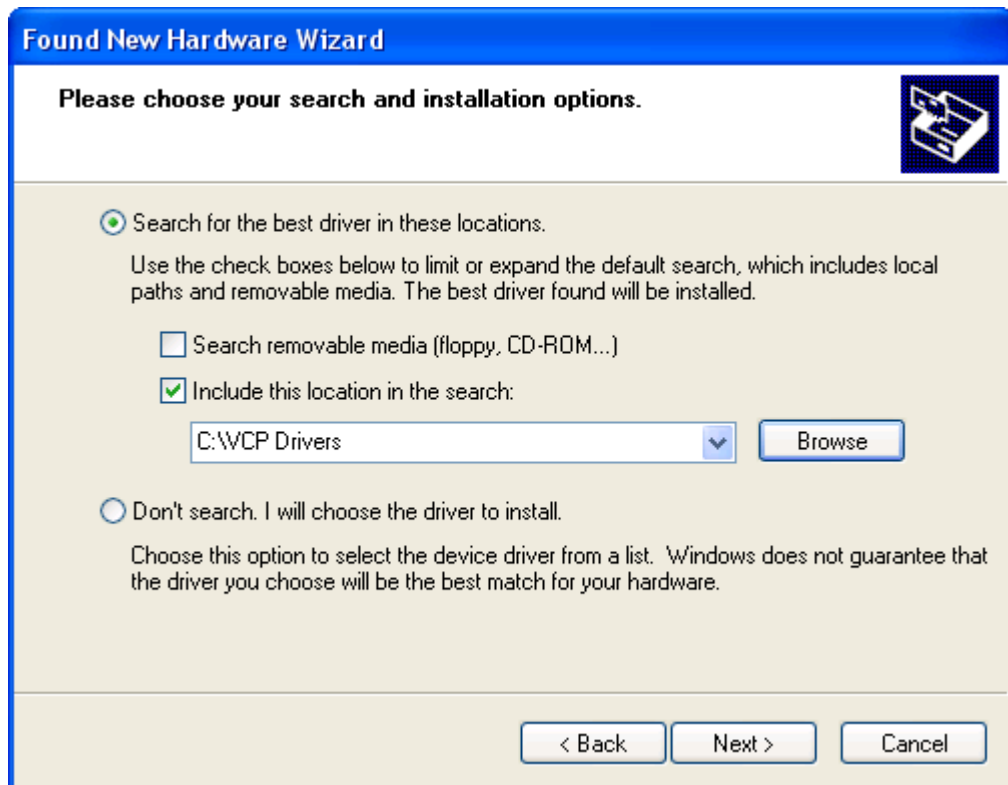
- If a device of the same type has been installed on your machine before and the drivers that are about to be installed are different from those installed already, the original drivers need to be uninstalled. Please refer to the Uninstalling FT232BM, FT245BM, FT8U232AM and FT8U245AM [10] Devices section of this document for further details of this procedure.

- Download the latest available VCP drivers from the FTDI website and unzip them to a location on your PC.

- If you are running Windows XP or Windows XP SP 1, temporarily disconnect your PC from the Internet. This can be done by either removing the network cable from your PC or by disabling your network card by going to the "Control Panel\Network and Dial-Up Connections", right-clicking on the appropriate connection and selecting "Disable" from the menu. The connection can be re-enabled after the installation is complete. This is not necessary under Windows XP SP 2 if configured to ask before connecting to Windows Update. Windows XP SP 2 can have the settings for Windows Update changed through "Control Panel\System" then select the "Hardware" tab and click "Windows Update".

- Connect the device to a spare USB port on your PC. This will launch the Windows Found New Hardware Wizard. If there is no available Internet connection or Windows XP SP 2 is configured to ask before connecting to Windows Update, the screen below is shown. Select "No, not this time" from the options available and then click "Next" to proceed with the installation. If there is an available Internet connection, Windows XP will silently connect to the Windows Update website and install any suitable driver it finds for the device in preference to the driver manually selected.

- Select "Install from a list or specific location (Advanced)" as shown below and then click "Next".
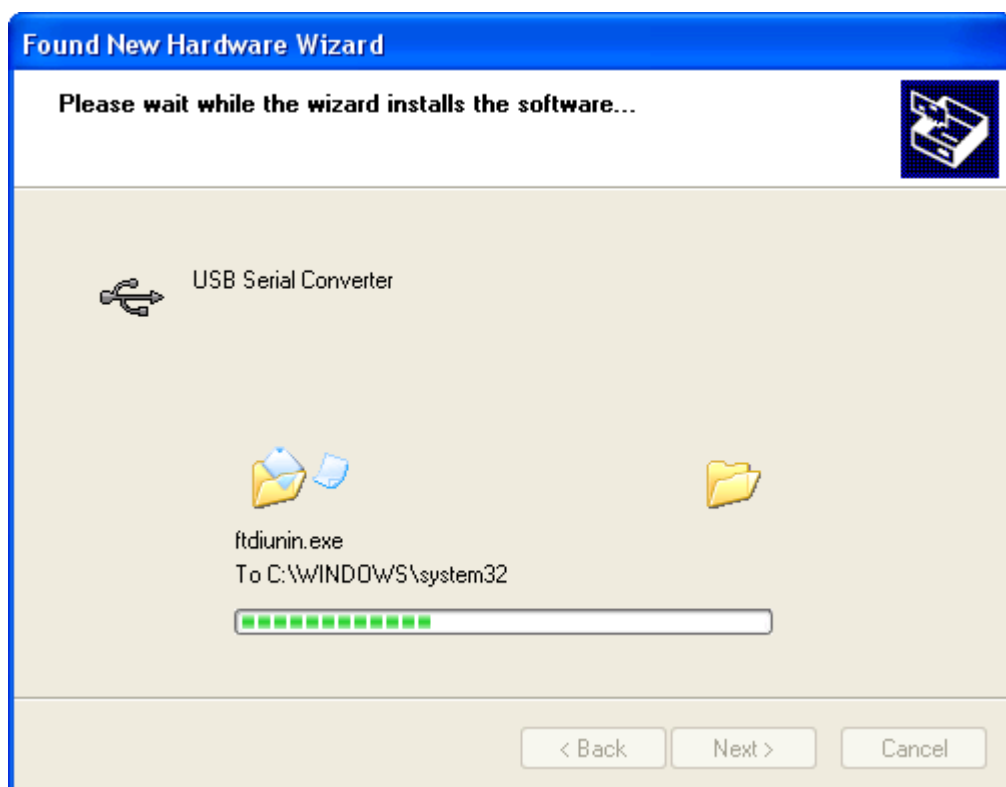
- Select "Search for the best driver in these locations" and enter the file path in the combo-box ("C:\VCP Drivers" in the example below) or browse to it by clicking the browse button. Once the file path has been entered in the box, click next to proceed.
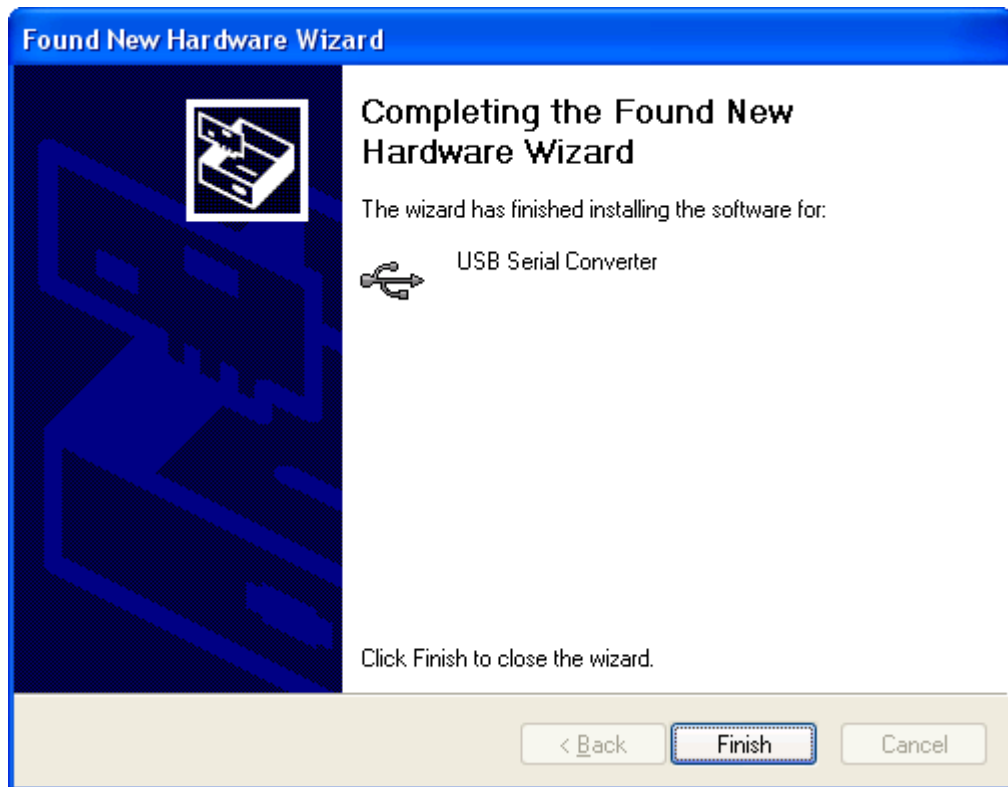

- If Windows XP is configured to warn when unsigned (non-WHQL certified) drivers are about to be installed, the following screen will be displayed. Click on "Continue Anyway" to continue with the installation. If Windows XP is configured to ignore file signature warnings, no message will appear.

Hardware Installation

⚠ The software you are installing for this hardware:

USB High Speed Serial Converter

has not passed Windows Logo testing to verify its compatibility with Windows XP. ([Tell me why this testing is important.])

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

[Continue Anyway] [STOP Installation]

- The following screen will be displayed as Windows XP copies the required driver files.

Found New Hardware Wizard

Please wait while the wizard installs the software...

USB Serial Converter

ftdiunin.exe
To C:\WINDOWS\system32

[< Back] [Next >] [Cancel]

- Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation. This has installed the serial converter. The COM port emulation driver must be installed after this has completed.

- After clicking "Finish", the Found New Hardware Wizard will continue by installing the COM port emulation driver. The procedure is the same as that above for installing the serial converter driver.

- Open the Device Manager (located in "Control Panel\System" then select the "Hardware" tab and click "Device Manger") and select "View > Devices by Type". The device appears as an additional COM port with the label "USB Serial Port".