

installation is finished. If it is other frequency (e.g. 1.8432MHz), click "Detect Crystal Frequency"

6. The "Crystal Frequency" settings will be set to "14.7456MHZ", then click "OK", repeat above steps for the other COM ports if your Express Card has multi serial ports.
7. The settings will be saved by Windows. You don't need to configure it again whenever you restart the system



5. Safe-Removing the Express Card

In Windows 2000 and XP, if you insert the Express Card, you will get a "green arrow" icon at the bottom of the screen, after clicked this icon, you will be allowed to safe-remove the Express Card afterward



Click this icon before removing the Express Card

High Speed 4S RS232 Express Card Installation Guide

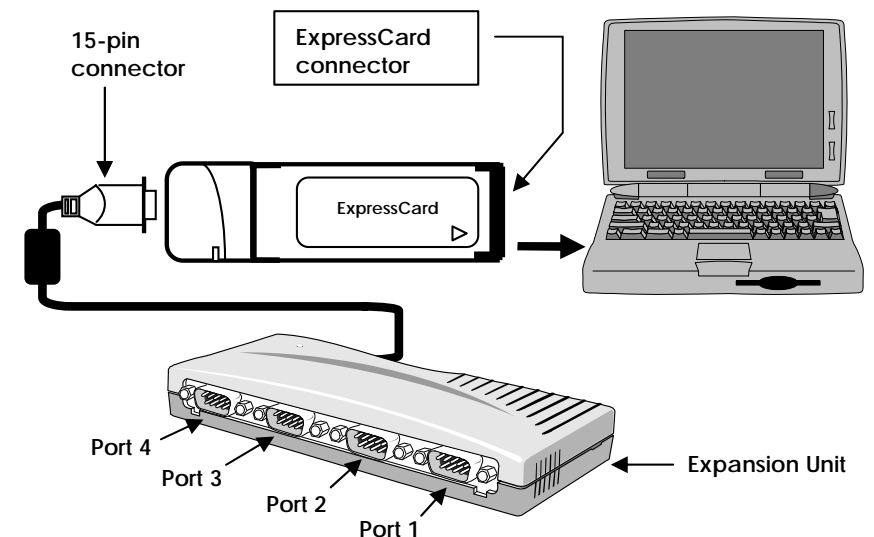
1. Introduction

Thank you for purchasing this multi serial Express Card. It is a high performance RS232 adapter that is specially designed to connect standard serial devices to any Notebook computer with Express Card slots (2 types, 54mm and 34mm). It supports all serial port features that defined by RS232 specifications.

Features:

- ✓ Supports 4S over Express Card Slot of Notebooks
- ✓ Full ExpressCard/34mm Compliant, up to 250MB/sec rate
- ✓ Built-in High Speed 128-byte deep FIFO16C950 UART
- ✓ Up to 921.6Kbps Baud Rate
- ✓ Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#
- ✓ Supports Windows XP, Win2000

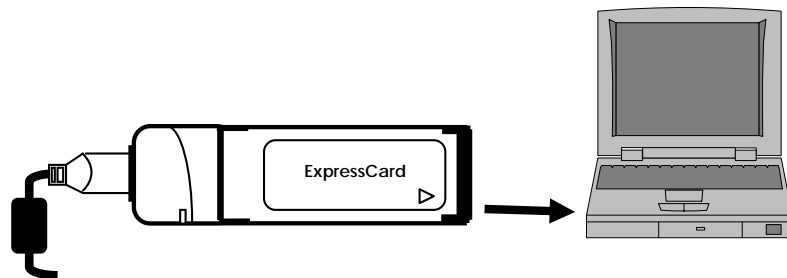
2.1 Layout: 4-Port RS232 Express Card



3. Installing the Express Card

Due to the hot-plug feature of the Express Card, the installation of the Express Card is quite straightforward. Please copy the drivers from the supplied driver CD and unzip it before you installing the Express Card into your Notebook PC.

1. **Use static electricity discharge precautions.**
Remove possible static discharge potential from any objects that the Express Card may come in contact with before installation. This can be accomplished by touching a bare metal chassis rail after you have turned off the power.
2. Connect the 15-pin cable of the Expansion Unit to the ExpressCard, please note that the cable is hardwired to the Expansion Unit from the factory so you only need to connect the other end to the ExpressCard.
3. Locate an unused Express Card slot, insert the Express Card into Notebook PC (please note the direction of the Express Card should match the direction of the Express Card slot)

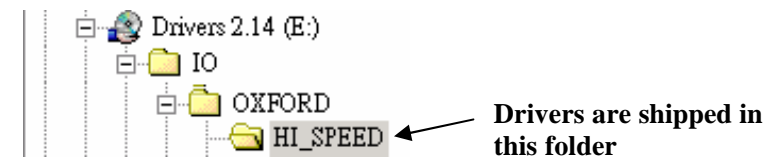


Note: Please do NOT remove the 15-pin cable when the ExpressCard is inserted in the Notebook's ExpressCard slot. It because the 15-pin connector is not designed to support hot-plug feature so you can NOT disconnect it while the system is running. The hot-plug feature only supported by the ExpressCard connector and the Notebook's ExpressCard's slot instead.

4. The "Add New Hardware Wizard" in the Operating Systems will be invoked, and will guide you to complete the whole driver installations.
5. **Installing DB9 Serial Adapter cable**
Connect the 15-pin-to-DB9 serial adapter cable to the Expansion Unit. It has 4 DB9 connectors, please note the port number before you connect them. The DB9 connectors have the standard RS232 pin assignment so you can connect the serial device on it.

4. Driver Installation for Win2000/XP

Note: The drivers for Windows are shipped in the following folder of the driver CD. The files are in ZIP format (e.g. V409HS.ZIP). Please copy the file to your hard drive C: or other folders you want, unzip it before proceeding with your installations. We assumed you copy the file to your hard drive C: root directory. And the unzipped folder is V409HS.



1. When the Express Card was inserted, it will invoke Windows' New Hardware Wizard. Click "Next" to continue, select "Install from a list or specific location (Advanced)" and click "Next".
2. Select "Include this location in the search" then click "Browse" to specify the driver's location (C:\V409HS) and click "Next" to continue.
3. Click "Next" to continue, and click "Finish" to complete the installation.
4. To check the Installation, right click on "My Computer" and choose "Manage". Choose "Device Manager" and double click "Ports".
5. Choose the COM port properties as the following figure, select "Data rate", if the Crystal Frequency is 14.7456MHZ, then your