

# EX-1390 / EX-1392

## High Speed 1S or 2S RS-232 ExpressCard

### 1. Introduction

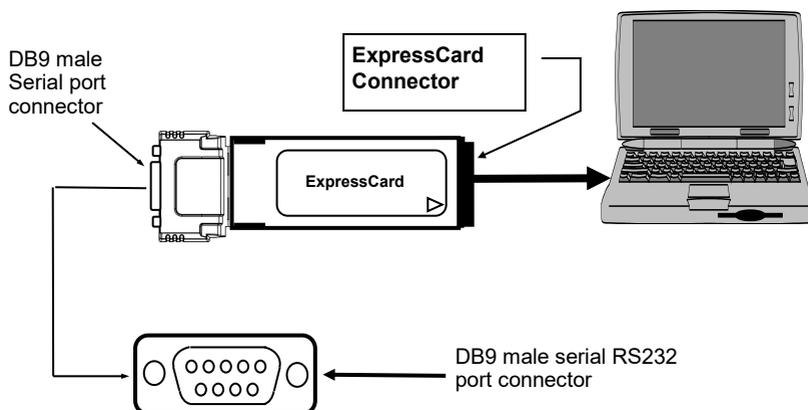
Thank you for purchasing this serial Express Card. It is a high performance RS232 adapter that is specially designed to connect standard serial devices to any Notebook computer with Express Card slots (2 types, 54mm and 34mm). It supports all serial port features that defined by RS232 specifications.

#### Features:

- ✓ Supports 2S (or 1S) over Express Card Slot of Notebooks
- ✓ Full ExpressCard/34mm Compliant, up to 250MB/sec rate
- ✓ Built-in High Speed 256-byte deep FIFO UARTs
- ✓ Up to 921.6Kbps Baud Rate
- ✓ Supports 5, 6, 7, 8 Data Bit Frame
- ✓ Supports Windows 2000, XP, Vista, Win7 and Linux

### 2. Layout

#### 1S: 1-Port RS-232

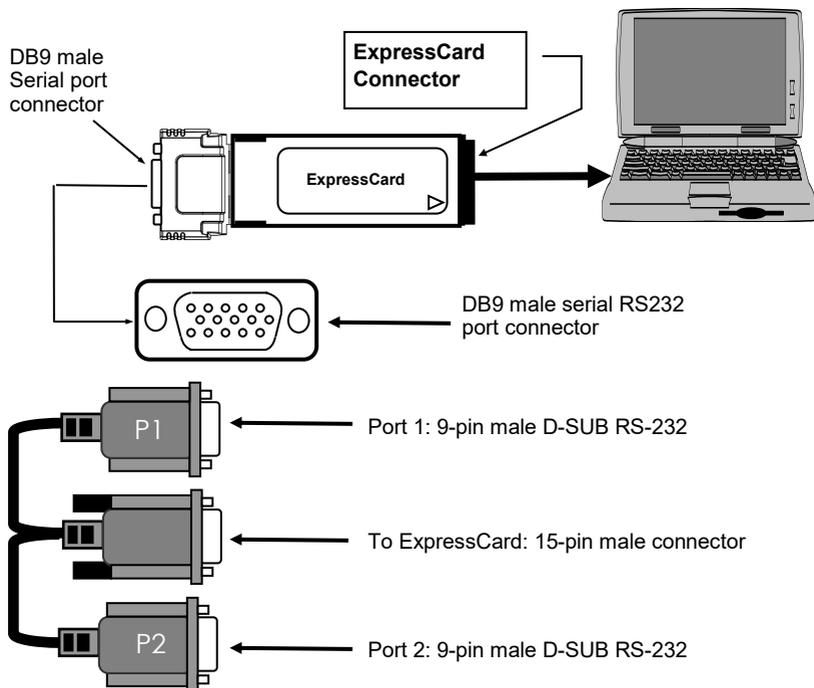


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### 2S: 1-Port RS-232



### 3. Installing the USB 3.0 ExpressCard

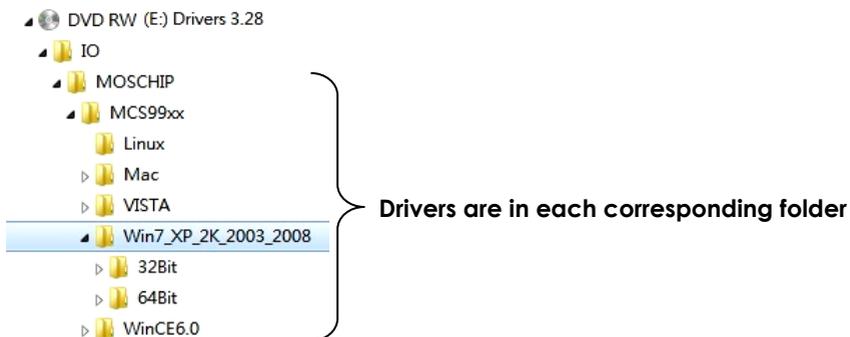
Due to the hot-plug feature of the Express Card, the installation of the Express Card is quite straightforward.

- **Use static electricity discharge precautions.**
- **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)**
- **The “Add New Hardware Wizard” in the Operating Systems will be invoked, and will guide you to complete the whole driver installations.**
- **Installing DB9 Serial Adapter cable (2S model only)**

The 1S model equipped a standard DB9 RS232 connector, however, the 2S model needs to connect the 15-pin-to-DB9X2 adapter cable to the Express Card. The DB9 connectors have the standard RS232 pin assignment so you can connect the serial device directly on it.

### 4. Software Installation

1. To install the Windows drivers, there are two methods, one is to run the setup utility (**StnSetup.exe** or **StnSetup64.exe** depends the OS) in each folder. The other one is to go through the Windows' driver installation Wizard. We recommend you run the setup utility. It will be simpler. The drivers are shipped in the following folders on the driver CD:



2. If you are installing the drivers by Windows Wizard, please browse to the correct driver folder when Windows is asking for the driver path.

### 5. Uninstalling the Software Drivers

In some cases, you may want to uninstall the drivers. To remove the drivers that are already installed for Windows, there are two methods:

1. Run (double click) the **uninstall program** (for example **MOSCHIP\_StnUninst.exe**) in each Windows' folder on the supplied driver CD.
2. Go to Windows' **Control Panel's Add/Remove Program** to remove the drivers.

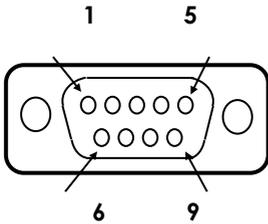
### 6. Safe-Removing the ExpressCard

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 clicking this icon, you will be allowed to



Click this icon before removing the Express Card

## 7. Male DB9 Pin Assignments



<u>9 Pins</u>	<u>Signal</u>
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	(No Connection)