

ExpressCard 16950 Serial Card

1 Port ExpressCard 16950 Serial Card

2 Port ExpressCard 16950 Serial Card

EC1S950

EC2S950

Instruction Manual



Actual product may vary from photo

StarTech.com

The Professionals' Source for Hard-to-Find Computer Parts

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. Regardless of any direct acknowledgement elsewhere in the body of this document, StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

Table of Contents

Introduction	1
Features	1
Before you begin	1
Contents	1
System Requirements	1
Installation	2
Specifications	3
Technical Support	4
Warranty information	4

Introduction

Thank you for purchasing a StarTech.com Serial Express Card. This high performance RS232 adapter is specifically designed to connect standard serial devices to any notebook computer with available Express Card slots, and supports all serial port features as defined by RS232 specifications.

Features

- 128-byte deep FIFO per transmitter and receiver
- High Performance 16C950 UART with maximum data transfer rate up to 921.6 kbps
- Up to 921.6Kbps Baud Rate
- Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#
- Supports Windows XP, Windows 2000, Windows Vista

Before you Begin

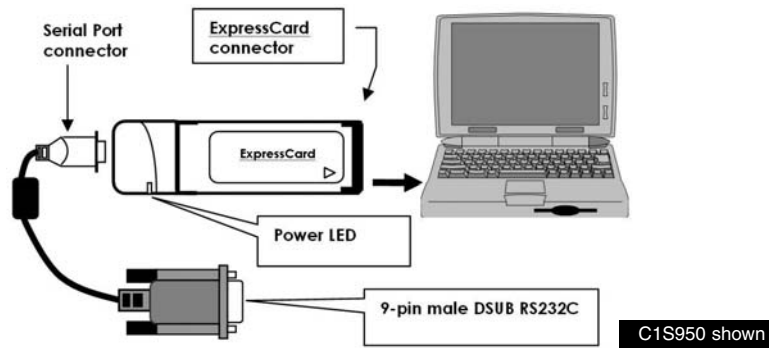
Contents

- 1 x ExpressCard 16950 Serial Card
- 1 x Driver CD
- 1 x Instruction Manual

System Requirements

- A notebook computer with an available CardBus port (34mm or 54mm)
- Operating system requirement: Windows 2000/XP/Vista

Installation



1. To ensure proper installation, please copy the drivers and unzip them from the supplied driver CD, before installing the Express Card into your Notebook PC. The drivers are located in the following path: d:\IO\OXFORD\HI_SPEED, where d:\ designates the CD/DVD-ROM drive. To simplify installation, please unzip the drivers to an easily accessible location, (such as the C: root directory), prior to connecting the Express Card.
2. With the notebook PC powered on and fully booted, insert the Express Card into an available 34mm or 54mm Express Card slot on your notebook PC.
3. This will launch the Add New Hardware Wizard which will guide you through the installation process. On the first screen, click **Next** to continue. On the screen that follows, select **Install from a list or specific location (Advanced)** and click **Next** to proceed.
4. Select Include this location in the search, then click **Browse** to specify the driver location (C:\V409HS, see step #1) and click **Next** to continue.
5. Click **Next** to continue, and click **Finish** to complete the installation.
6. To verify that installation has completed successfully, right-click on **My Computer** and choose **Manage**. Select Device Manager and double click **Ports**.
7. Right-click on the added COM port and select **Properties**. Select **Data Rate** - if the Crystal Frequency is 14.7456MHz, then your installation is complete. If the frequency is anything other than 14.7456MHz, click **Detect Crystal Frequency** to automatically switch to 14.7456MHz. Click **OK** to save this setting.
8. (EC2S950) Repeat step 7 with the second added port.

Card Removal

1. Upon inserting the Express Card, a **Safely Remove Hardware** wizard icon will appear in the taskbar. If you need to remove the card, please click on this icon prior to extraction.

Specifications

Bus Type	ExpressCard
Form Factor	34
Connectors	1 x DB9 Male Connectors 2 x DB9 Male Connectors
Maximum Data Transfer Rate	921 Kbps
OS Support	Windows 2000/XP/Vista

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **www.startech.com/support** and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a lifetime warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Revised: 8 March 2007 (Rev. A)