

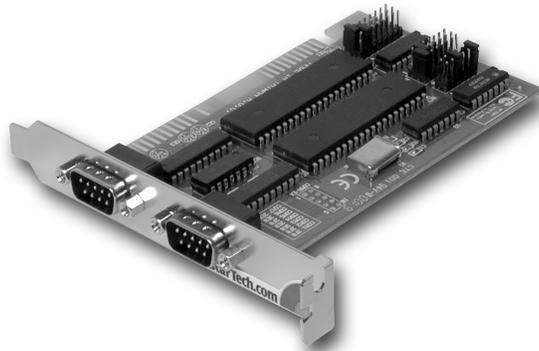
ISA Serial Card

1 Port RS-232 Serial ISA Card

2 Port RS-232 Serial ISA Card

ISA1S550
ISA2S550

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.

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Introduction

Thank you for purchasing a StarTech.com RS-232 ISA serial card. This product allows you to add between one or two serial ports to your computer (varies by model), using an easy jumper-driven configuration. An excellent choice to maximize your investment in existing serial-based technology or integrated custom solutions.

Features

- Fast data transfer rates: up to 460 Kbits/sec.
- Easy installation using a fully Plug and Play configuration
- Backed by StarTech.com's lifetime warranty and free technical support

Before You Begin

To ensure a quick and easy card installation, please read through this section carefully before attempting to install the card.

WARNING! ISA cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your ISA card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the ISA card by its edges and not the gold connectors.

System Requirements

- An IBM compatible computer with an available ISA slot

Contents

This package should contain:

- 1 x ISA serial card
- 1 x Instruction Manual

Installation

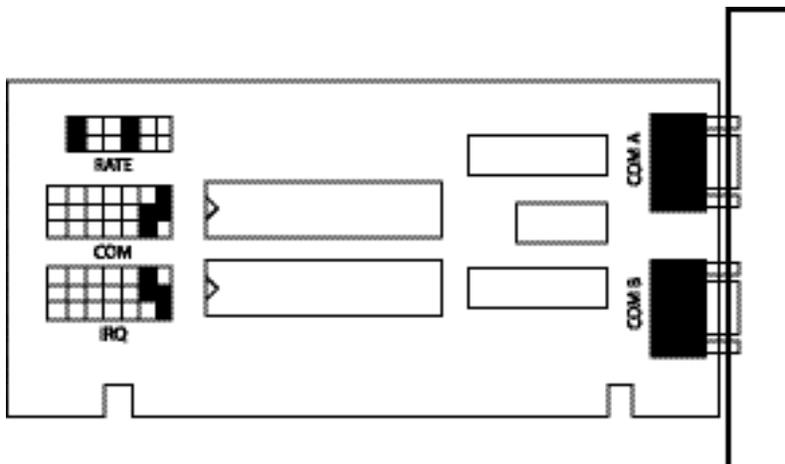
This section will guide you through the installation of your ISA card and the related software. Please read through the instructions carefully and complete each step in the order listed.

Installing the Card

1. Make sure that your system is unplugged and you are grounded.
2. Remove the cover of your system (see your computer's user manual for details, if necessary) and gently turn your computer onto its side.
3. Locate an empty ISA slot and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step. **Retain the screw!** You will need it to secure the card later.
4. Gently insert the card into the empty slot, making sure it is firmly seated.
5. Secure the card in place using the screw you removed in Step 3.
6. Put the computer case back on.

Setting the Jumpers

There are three sets of jumpers that can be configured on your card: reference transfer rate, COM address, and IRQ address.

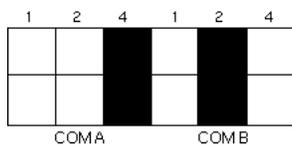


Reference Transfer Rate

There are three possible transfer rate settings (labeled 1, 2, and 4) for the COM port(s). The phrase "reference" refers to the maximum possible transfer rate between the port and your device, and may not be the actual transfer speed under operational conditions. Each pin corresponds to the following transfer rate:

Pin	Rate
1	115.2 Kbits/sec (default)
2	230.4 Kbits/sec
4	460.8 Kbits/sec

Set the transfer rate for each port by setting the jumpers according to the following example:

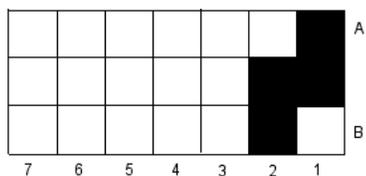


In the example above, Port A has been set to 460.8 Kbits/sec and Port B has been set to 230.4 Kbits/sec. **For the single port model, you will only have the pins and jumpers to configure Port A.**

COM Address

There are seven possible COM address settings (labeled 1 through 7). **For the single port model, you will have a jumper to configure port A only.**

1. Find an available COM Address on your system. Consult the user manual that came with your OS for instructions, if necessary. This card supports COM Addresses 1 through 7.
2. Set the COM Address for each port by placing the jumpers according to the following example:



In the example above, Port A is set to COM 1 and Port B is set to COM 2.

The base addresses are as follows:

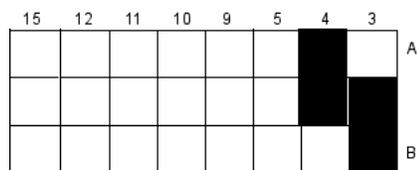
Instruction Manual

COM 1	3F8-3FF Hex
COM 2	2F8-2FF Hex
COM 3	3E8-3EF Hex
COM 4	2E8-2EF Hex
COM 5	2F0 Hex
COM 6	3E0 Hex
COM 7	2E0 Hex

IRQ Address

There are eight possible IRQ address settings (labeled 3, 4, 5, 9, 10, 11, 12, 15) for each port (2 port version). **For the single port model, you will have a jumper to configure port A only.**

1. Find an available IRQ on your system. Consult the user manual that came with your OS for instructions, if necessary.
2. Set the IRQ line for each port by placing the jumpers according to the following example:



In the example above, Port A is set to IRQ 4 and Port B is set to IRQ 3.

Specifications

Interface	ISA, 8-bit
Ports	1 x DB-9 male (ISA1S550) 2 x DB-9 male (ISA2S550)
Maximum Data Transfer Rate	460 Kbits/sec.
Configurable IRQs	3/4/5/9/10/11/12/15
Configurable COM Port Number Settings	1 through 7
Chipset	Hynix GM16C550

Accessory Products from StarTech.com

Contact your local StarTech.com dealer or visit www.startech.com for cables or other accessories that will help you get the best performance out of your new product.

6 ft. Straight Through Serial/Parallel Cable DB25 M/F
SC6MF

6 ft. Straight Through Serial/Parallel Cable DB25 M/M
SC6MM

10 ft. Straight Through Serial/Parallel Cable DB25 M/F
SC10MF

10 ft. Straight Through Serial/Parallel Cable DB25 F/F
SC10FF

10 ft. Straight Through Serial/Parallel Cable DB25 M/F
SC10MF

20 ft. Straight Through Serial/Parallel Cable DB25 M/F
SC20MF

20 ft. Straight Through Serial/Parallel Cable DB25 M/M
SC20MM

50 ft. Straight Through Serial/Parallel Cable DB25 M/M
SC50MM

6 ft. Parallel Printer Cable
PB6_

10 ft. Parallel Printer Cable
PB10

20 ft. Parallel Printer Cable
PC20

30 ft. Parallel Printer Cable
PC30

50 ft. Parallel Printer Cable
PC50

6 ft. Parallel File Transfer Cable
PTXFER6

15 ft. Parallel File Transfer Cable
PTXFER15



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.

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