Intelligent Serial Interface

Server Cards

ISI5634UPCI & ISI9234PCIe

Quick Start Guide



Quick Start Guide Models ISI5634UPCI-4 & ISI5634UPCI-8 Models ISI9234PCIe-4 & ISI9234PCIe-8

P/N 82010754L, Revision E

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Record of Revision

Revision	Date	Description
Α	01/15/04	Manual released.
в	10/24/07	Add PCI Express-bus architecture.
С	04/14/08	Remove ISI Management Software procedures.
D	06/06/08	Remove ISI4604/8 Serial Cards, and add procedures for Windows Server 2008 Operating System support.
Е	05/19/10	Windows installer replaces old procedure. Add portal.

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Safety Warnings

- This product must be installed by a qualified service person.
- When installing or servicing this product, the phone lines must be disconnected to remove the risk of hazardous voltages.
- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- This product is to be used with UL and CUL listed computers.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- To reduce the risk of fire, use only 26 AWG or larger telecommunication line cord.
- This product must be disconnected from its power source and telephone network interface when servicing.

Windows Installer

Your product CD contains an installer program for current Windows operating systems (Windows XP and newer only) that should be used **before** installing your ISI card. Should you happen to install your ISI card before using the installer program, please follow the directions in the User Guide on the product CD for your particular version of Windows.

- 1. Insert the product CD into a compatible drive. Do not install your ISI card yet.
- 2. Click on the **Preinstall Windows Drivers** button from the main splash screen of the CD.



- Click the button that matches your operating system [32-bit or 64-bit]. You can see what type of system you are using from the *Control Panel* | *System* screen.
 - a. Windows may pop-up a User Account Control window. Select the YES button to continue with the driver installation.

4. Click on the next button to start the driver pre-installation.

	Welcome to the Device Installer!				
	This wizard will walk you through updating the drivers for your modem.				
To continue, click Next.					
	< Back Next > Cancel				

- 5. You will be prompted 3 times to confirm the installation of the three necessary drivers. Click the **Install** button to continue each time.
- 6. There will be a transitory screen, then the process will complete. Click on the **Finish** button.

Congratulations! \ installing drivers.	/ou are finished
The drivers were successfully in	nstalled on this computer.
You can now connect your de came with instructions, please r	rice to this computer. If your device ead them first.
Driver Name	Status
 ✓ MultiTech Systems ✓ MultiTech Systems ✓ MultiTech Systems 	Ready to use Ready to use Ready to use
< Back	Finish Cancel

- 7. Your driver installation is complete.
- 8. You can now power down your system and follow the physical installation instructions in the next section.

You can now shut down the PC, unplug the power cord and physically install your ISI card by following the instructions on the next page.

Hardware Installation Procedures

Before inserting your ISI card into a PCI slot, please run the Windows Installer program from your product CD. This makes all Windows operating systems installations faster than the manual methods described Chapter 3 of the User Guide.

To install the ISI card into your PCI-bus computer, follow the steps presented below.

1. Turn off your computer, remove the power cord and any peripheral equipment connected to it.



2. Remove the cover of your computer as instructed in your computer's documentation.

Before handling the ISI Card, discharge any static in your body by touching a piece of grounded metal such as the computer chassis. Electrostatic discharge (ESD) is the release of stored static electricity that can <u>damage electrical circuitry or</u> <u>components</u>. Static electricity is often stored in your body, and discharged when you come in contact with an object of a different potential.



Perform the procedure below described in this section only at an ESD workstation using an antistatic wrist strap. If such a station is not available, you can provide some ESD protection by wearing an antistatic wrist strap and attaching it to a metal ground screw (lug).

 Carefully remove the ISI Card from its antistatic bag, handling it only by the mounting bracket and edges. Do not touch the gold-plated connectors along the bottom edge. (You may want to save packaging for possible future use.)



- 4. Locate the unused PCI slot you will be using for your ISI Card and remove the slot cover according to instructions in your computer's manual.
- 5. Install the ISI Card into the selected expansion slot in the same manner as any other add-on card, as instructed in your computer's documentation.
- 6. Fasten the retaining bracket to the computer chassis and replace cover on the computer.
- 7. Cabling. The -4 ISI Server card has one RJ-45 receptacle and one fan-out cable; the -8 ISI Server card has two RJ-45 receptacles and two fan-out cables. Each fan-out cable extends connections for four modems from the RJ-45 plug to four RJ-11 plugs. Each RJ-11 plug should then be attached to a phone line receptacle. Attach the RJ-45 connector into the appropriate RJ45 receptacle on the ISI Server card.

To view a pin out diagram of the ISI Server Card Fan-Out Cables, see Appendix A of the User Guide. A setup graphic is shown on the next page.



Fan-Out Cable for ISI Server Card

Configuring your Modems for your Country

Different countries have different requirements for how modems must function. Therefore, before you use the modems in your ISI card, you must configure them to match the defaults of the country in which you are using them. Use the Global Wizard to configure each modem as described below. The Global Wizard configuration utility works with computers running Windows 2000 or newer.

- 1. Insert the ISI product CD into the CD-ROM drive. The main splash screen appears.
- 2. Click Initial Setup & Country Sel.
- The Global Wizard page appears. You can select to run the Global Wizard from the CD or install it on your hard drive. Click on the Install or Run button.
- 4. The Global Wizard dialog box appears. Click Next.
- The Global Wizard searches for your modems and identifies them. Click Next. Select a modem to configure. Click Next.
- 6. Select the country in which the modem will be used and then click Next.
- 7. Review your choice of country. If it is correct, click **Next** to configure the modem.
- 8. When Global Wizard announces that the parameters have been set, click **Finish** to exit.
- 9. Repeat steps 4 through 8 for each modem on the ISI card.

