

USB Port (PCI)

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Users Guide



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A Letter from the President of ADS Technologies

“Making your Ordinary PC, Extraordinary”

At ADS Technologies we bring the best and latest multimedia technology to your PC. Whether you want to watch TV on your PC, give a great multimedia computer presentation on any TV, surf the web from your couch, receive data broadcast via TV/radio, or connect peripherals efficiently, ADS allows you to do it...Today. While others wait for these technologies, you can have them right now.

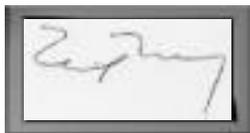
What's more, all this innovation is reasonably priced. This means that, finally, it makes sense to upgrade your ordinary PC into an Extraordinary, Multimedia PC.

ADS products are easy to use. Most of our products are Plug-and-Play and rarely require any software installation, you simply plug them in. And once they're plugged in, they're easy and simple to use. Now, you can look like a computer "guru" using the latest multimedia technology, without actually being one.

Finally, all ADS products are backed by a great customer support team and a 1-year warranty.

This combination of innovation, affordability, simplicity, and support have made our products award-winners in the press and at conventions, and best-sellers around the world. In closing, I wish to thank you for choosing ADS Technologies, and I hope you enjoy your new multimedia experience.

Sincerely,

A rectangular box containing a handwritten signature in dark ink, which appears to read "Michael McCoy".

Michael McCoy
President

Introduction

Add a USB device to your PC!

Instantly add USB peripherals to your PC. Never open your computer case again after you have your USB Port (PCI) installed. Say good-bye to confusing cables. The USB Port (Universal Serial Bus) allows you to instantly connect USB devices to your computer. The USB Port will allow you to attach 2 USB devices instantly. You never have to worry about running out of slots in your computer or those confusing IRQ's again. You can also "Hot Swap" your USB devices. What does this mean? You never have to power down your PC to install hardware again. Gamers can switch joysticks on the fly without interrupting their game. Users can switch their Mice on the fly. Welcome to the USB Revolution.

USB Port Features:

Connect 2 USB devices Instantly

Supports full 12 Mbps and 1.5 Mbps low speed devices

Auto detect speeds and connections of devices

Full compliance with USB Specifications

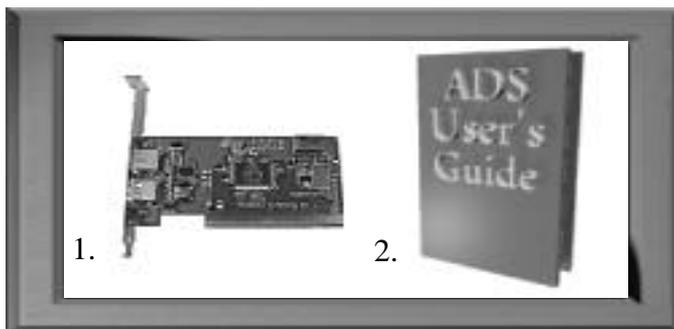
Plug and Play

Fully Compatible with USB OHCI specification

System Requirements

- **Windows 98 or MAC OS (8.6 or later)**
- **Windows 98 CD or Internet connection for MAC (for software installation)**
- **1 Available PCI Slot**

Package Contents



- 1. USB Port (PCI)
- 2. User's Manual

Note: If you did not receive one or more of the contents listed above inside the USB Port package, please contact the vendor you purchased it from or contact ADS directly.

USB Port (PCI)

Installation Guide

Installing the USB Port (PCI)

In this section we will explain how to install your USB Port (PCI) into your PC. Next to each step there is a check box for your convenience. After each step has been completed, simply mark the check box and move to the next step.

Step 1

- Power off the computer, then disconnect the power cord.



Step 2

- Remove each screw found on the back of the computer and remove the shell from the computer.



Step 3

- With the power cable disconnected from your computer, touch the metal part of the case to ground yourself. This will discharge any static electricity which can damage your computer.



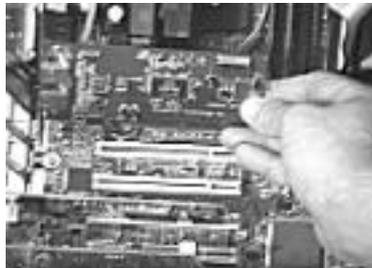
Step 4

- Locate an available PCI expansion slot. This will be in the area of your computer where other cards that look similar to the USB Port are installed.



Step 5

- Visually confirm that the USB Port will fit into the available slot you have chosen.



Step 6

- If necessary, remove the knockout on the back of the PC which corresponds to the PCI slot you have confirmed as your selection. If there is a screw, place it in a safe spot as you will be using it to attach the USB Port.



Step 7

- Push the USB Port card firmly into the PCI slot. Apply pressure as needed until the edge connector is completely sealed.



Step 8

- Once the USB Port is fully seated, the gold edge connectors are completely in the slot.



Step 9

- Mount the USB Port in place with a screw. Make sure the screw is firmly tightened so the USB Port does not slide out of its seated position.



Step 10

- Replace the computer's shell and screw it in place.



Step 11

- Now that your USB Port card is installed and the shell is in place, you can safely connect the power cable and move on to the next page for setting up the software for the USB Port.

Installing the Software Drivers (For Windows 98/ME/2000)

Note:

For Windows ME/2000, it may self install with out your intervention. You can verify if the card is installed properly by checking the Device Manager. The card will appear under the category “Universal Serial Bus Controller”. It should have an entry for a “USB Open Host Controller” and the “USB Root hub”

When you initially connect your USB Port, Windows will automatically detect you have a new device and thus request the Windows 98 CD. To follow are step by step instructions on how to install the software drivers.

Step 1

- Below is a picture of the dialog box that will notify you that Windows has detected your new hardware.



Step 2

- Windows will then ask you to insert the Windows 98 CD-ROM. Once you have inserted the CD-ROM into the CD drive, left mouse click one time on the button that says “OK.”



Step 3

- If the default path to the Windows 98 directory on your CD-ROM is incorrect, you will see a dialog box as shown in the picture below. Simply type in the correct path to your CD-ROM and the word “WIN98” (example *d:\win98*) drive and left mouse click one time on the button that says “OK.”



Installing the Extension Software (For MAC OS 8.6 or later)

For MAC OS users, please follow the steps below to enable the USB card. (Internet Connection is required to download the enabler)

1. Visit the website <http://www.apple.com>, then click on *Support*
2. When the support page is loaded, click on *Download*
3. On the right side of the page click on *Go to* for “USB Card Support”
4. Select the appropriate language for your MAC OS, this will take you to the appropriate download page. Click on *MAC Binary* to begin download.
5. After download, double on the new USB file on your desktop
6. Then double click on “USB Card Support” icon in your desktop to begin the installation.
7. When installation is completed, restart your MAC.

After restart the USB card is ready for use.

NOTES:

- MAC OS 8.6 or later is required
- Supports all Power MAC’s with PCI bus

Using Your USB Port (PCI)

Initializing USB Devices

When you first connect a USB device to your USB Port, Windows will automatically detect the presence of new hardware. It will request software drivers. The installation of these software drivers are very similar to the driver installation for your USB Port, so you can use the driver installation of this manual as a reference.

Adding Additional USB Port Cards

You can add additional USB Port cards to your PC as you may need them. When installing more than one in a session, be sure to completely install one card at a time. If you do not install one USB Port card at a time, you may run into installation problems.

General Troubleshooting

Windows

Q: *The USB card is not detected, how do I fix it?*

A: Reinstall the USB card to another PCI slot.

MAC

Q: *My USB device is not being detected, how do I fix it?*

A: Make sure that you installed the latest extension/software for your USB device. You can obtain the latest extension/software from the manufacturer's website.

For more support information, you can visit <http://www.adstech.com> and click on **SUPPORT**

Driver Notes:

USB Card is supported directly by built-in drivers in Windows 98, ME, and 2000 operating systems, as well as by the Apple MAC OS 8.6 or better. USB is not supported under Windows 95, and no drivers are available to add that support

Appendixes

Appendix A

How To Contact ADS

The ADS team has tried their hardest to make the USB Card as trouble free as possible. However we know problems may still arise or you may simply have questions. There are a couple of ways to contact ADS.

Sales:

Phone Number: 562-926-1928
Fax Number: 562-926-0518
E-Mail Address: sales@adstech.com
Internet Web Site: <http://www.adstech.com>

Technical Support:

Phone Number: 562-926-4338
Fax Number: 562-926-0518
Support Website: <http://www.adstech.com> and click on *SUPPORT*
Phone Support Hours: Monday - Friday (except major holidays)
8:00am - 5:00pm PST

Appendix B

Service and Warranty

Service:

If you require assistance with the installation, operation, or application of your ADS Technologies, Inc. product there are several options available to you as described in the technical support section of this manual. Your primary source for information and assistance is always your computer store or computer parts dealer. If your ADS product needs repair or replacement, contact your dealer for on-site repair service.

The ADS Technologies technical support and customer service staff can aid in solving many problems. Our technical support department is available to repair any ADS Technologies product. Products must be returned by you or your dealer to our factory for repair or warranty replacement.

Return/Replacement:

If you need to return your ADS Technologies product you should return the product directly to the dealer or store where you purchased the product. Product return policies are set by each individual computer store or dealer. ADS Technologies, Inc. cannot be responsible for the actions or policies set by our dealers. If your desire to return the product for a refund, you must get the refund from the dealer or store you purchased the product from. If you purchased the product directly from ADS please see the "Terms and Conditions of Sale" on the reverse side of your sales invoice.

Returns to ADS Technologies, Inc. are for repair or warranty replacement only. If you need to return product to ADS Technologies, Inc. for repair or replacement you must follow these steps:

1. Call our Technical Support department at (562) 926-4338 to obtain a Return Merchandise Authorization (RMA) number.
2. The RMA number is valid for 30 days.
3. Ship the product to the ADS factory with the RMA number marked on the inside and outside of the package. If there is no RMA number on the package or the RMA number has expired, the shipment will be refused. ADS will not be liable for lost or mis-shipped products.
4. Replacement product cannot be shipped to you until the defective product has been received by ADS.

5. Once the product is received at the factory it will be tested and then repaired or replaced.
6. Turn around time is approximately one week. A repaired or replacement product will be shipped back to you.

Warranty:

This ADS Technologies, Inc. product comes with a One (1) year hardware warranty. ADS Technologies, Inc. (ADS) warrants this product against defects in material and workmanship for a period of One (1) year from the date of original purchase from ADS or an authorized ADS dealer. This warranty applies only to the original purchase of the product and is not transferable. This warranty does not cover any incompatibilities due to the user's computer, hardware, software or other related system configuration in which the product interfaces. Proof of purchase will be required before any warranty consideration by ADS occurs.

This warranty does not cover any damage caused by negligence, non-authorized modifications, or parts installed without prior written permission from ADS.

This warranty does not apply if the product has been damaged by accident, abuse, or misapplication, nor as a result of service to the product by anyone other than ADS.

If your ADS product is not in working order, your only recourse is repair or warranty replacement, as described above. UNDER NO CIRCUMSTANCES will ADS Technologies, Inc. be liable for consequential damages, including but not limited to any lost savings, lost profits, or any other damages, caused by the use of any ADS Technologies, Inc. product or inability to use the product, even if the dealer or ADS Technologies, Inc. has been advised of such liability or other claims. This includes damage to property and, to the extent permitted by law, damages for personal injury. This warranty is in lieu of all other warranties including implied warranties of merchantability and fitness for a particular purpose.

FCC Information

Federal communications Commission Radio Frequency Interference Statement

Note: 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 when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual 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.

Notice:

- (1) The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- (2) Shielded interface cables and AC power cord, if any, must be used in order comply with the emission limits.

USB Port™

For Notebooks!

Add 2 USB Ports to your Notebook

- Upgrade to Universal Serial Bus
- Connect USB printers, modems, speakers, and more

- The Easiest Way to Add Peripherals
- Card Bus PC Card, Type II

* Requires Windows 95
* Requires Card Bus PC
Card Slot, Type II



USB
UNIVERSAL SERIAL BUS

USB Hub™

Add 4 More USB Ports to your PC!

- **Connect 4 USB Peripherals Instantly**
- **Connect USB printers, modems, speakers, scanners, and more**
- **Adding Peripherals is easier than ever using USB**
- **"Powered" Hub ensures all peripherals get adequate power**



ADS
TECHNOLOGIES
With Service & Support to Inspire!

USB
UNIVERSAL SERIAL BUS

* Requires Windows 98

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