EasyDisk

Transporting your data has never been this easy!

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EasyDisk User Guide

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EasyDisk Manual

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8.	Product Upgrading
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10.	EasyDisk Registration
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sales@easydiskusa.com

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EasyDisk Introduction

Thank you for using EasyDisk.

What is EasyDisk?

EasyDisk is basically a portable USB hard drive used for storage and transportion of data and applications. Lightweight and compact, the EasyDisk is incredibly small and can fit right into your pocket! Requires no cables, power supplies, or batteries.

EasyDisk acts as a removable hard drive when plugged into a USB port. EasyDisk is truly plug-n-play on Operating Systems that support USB 1.1, like Windows ME, 2000, and XP. The OS will detect the device and add it as a free drive letter. Windows 98 requires a driver to be installed and then it functions normally. The Windows 98 driver ships on a floppy disk with the product or can be easily downloaded from "downloads" section.

EasyDisk uses durable solid state storage, there are no moving parts making it shock resistant so it can withstand the bumps and grinds of everyday use. EasyDisk is much more convenient than bulky Zip drives or external hard drives and floppy drives.

Save your work, MP3 music, videos, pictures, applications, games, save anything on your computer and take them from home to work to school to your family, to your friends! Since your computer sees EasyDisk as a removable hard drive, you can save, delete, and move files endless numbers of times without worries.

EasyDisk comes with a 3 foot USB extension cable for convenient use on systems that are stored where the USB ports are not easily accessed. EasyDisk is also packaged with a holder that can be clipped to a bag or even your belt.

EasyDisk

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Includes:

1. EasyDisk Module
2. 3' USB Extension cable
3. Carrying Case
4. Driver Diskette / CD

What you get
USB
EasyDisk
Removable USB electronic hard disk
3' USB Cable
Driver Disk
Carrying Case with Clip
EasyDisk Storage Unit

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Specifications

Model:	ED1016/ED1032/ED1064/ED1128/ED1256/ED1512
Capacity:	16MB/32MB/64MB/128MB/256MB/512MB
Hardware:	IBM PC or Compatible PC or Notebook with USB interface
Operating System:	Windows 98/SE, Windows ME, Windows 2000, Windows XP
Drivers:	Only Windows 98/SE needs the EasyDisk driver.
Power Supply:	No external power supply, USB power supply (4.5V to 5.5V)
USB Host Interface:	Universal Serial Bus 1.0/1.1 (USB 1.0/1.1)
Operating current:	<50mA
Suspend current:	<300uA
Data retention:	Over 10 years
LED Indicator Light:	Light on: Connected and working
	Flashing: reading and writing data
Reading speed:	950KB/S (3MB/S with Windows cache)
Writing speed:	600KB/S (2MB/S with Windows cache)
Operating temp.	-40 degrees Celsius to +70 degrees Celsius
Storage temp.	-50 degrees Celsius to +85 degrees Celsius
Relative Humidity Under Operation	5% to 95%
Relative Humidity Under Storage	1% to 98%
Dimension	LxWxH: 81mm x 23mm x 12.5mm
Weight	15g approximate
EMI Compliance	FCC (Class B), CE
**Windows is a registered trademark of Microsoft Corp. Mac is a registered trademark of Apple Computer Inc. Linux is a registered trademark of Linux Torvalds	

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System Requirements

Hardware Requirements:

IBM PC or Compatible PC, PC, Notebook Computer, with Universal Serial Bus port (USB version 1.0/1.1)

Software Requirements:

Windows 98, Windows 98 Second Edition, Windows ME, Windows 2000, or Windows XP

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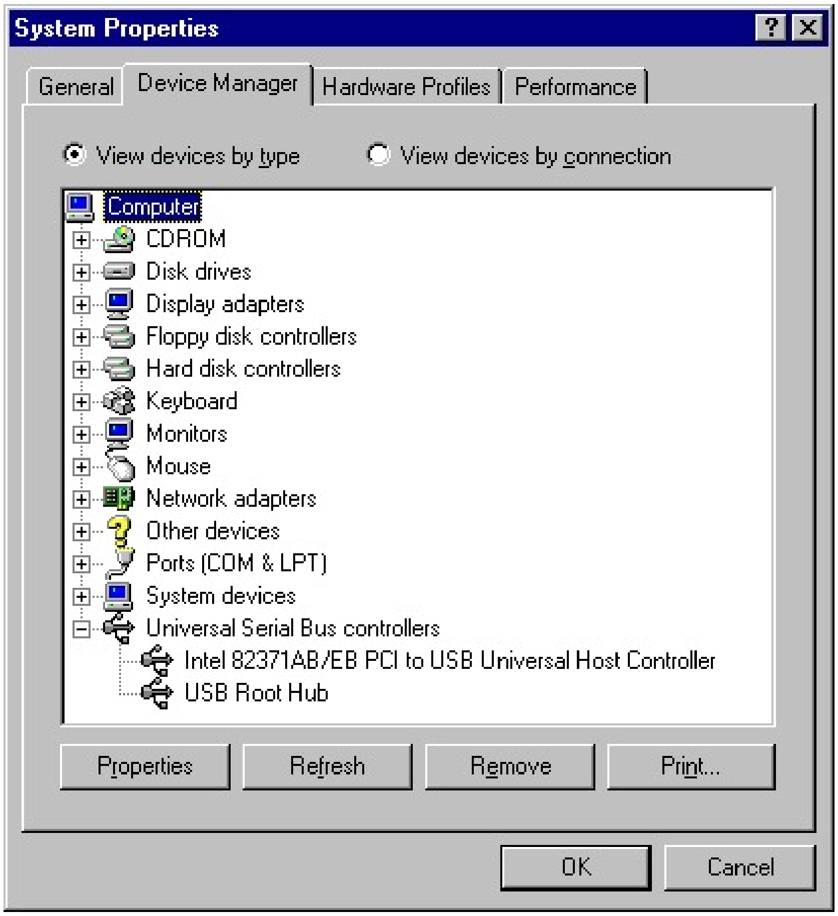
Installation

A. Windows 98 / SE

** Do not install the EasyDisk into the USB Port before installing the EasyDisk Driver

1. Verify that your computer has a USB interface.

2. Verify that the USB controller of computer is working
Ways to Check:
Open "My Computer" and find your "Control Panel". Open the "Control Panel" and click on the "Device Manager" tab. Here you will see a list of all the devices installed on your computer. Look for "Universal Serial Bus Controllers." Expand the USB controllers and verify that you have devices listed here. You will should see "USB Root Hub" and maybe another device name referring to Intel, VIA, or SIS. If you are missing these drivers, this means that your system is not recoginizing the USB ports on your computer. You should check you system BIOS to verify they are turned on. Please refer to you computer manufacturer for help.

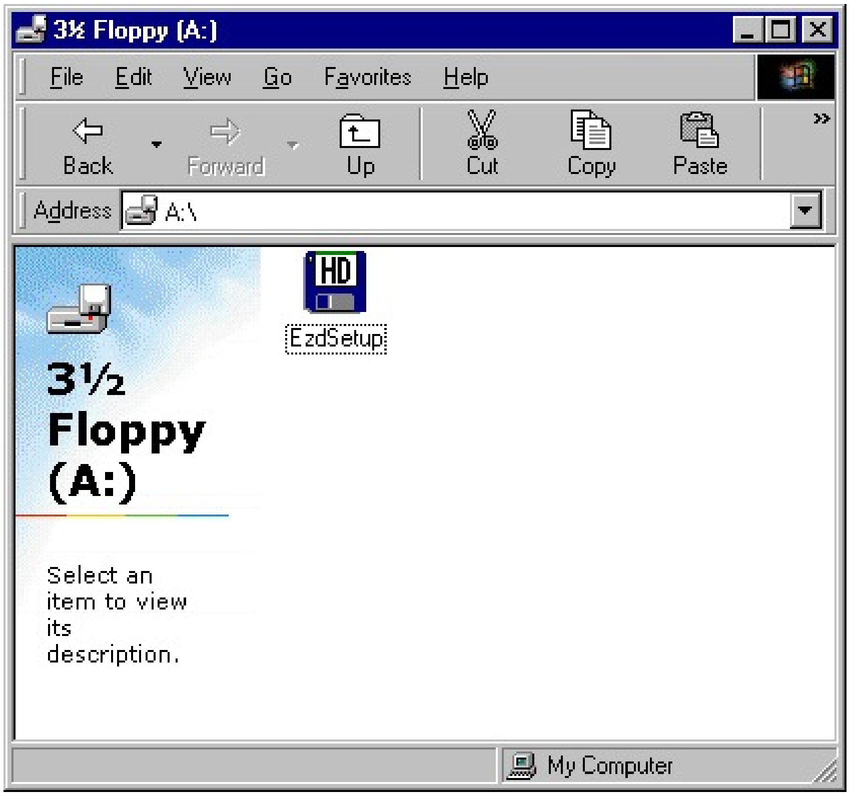


● View devices by type ○ View devices by connection

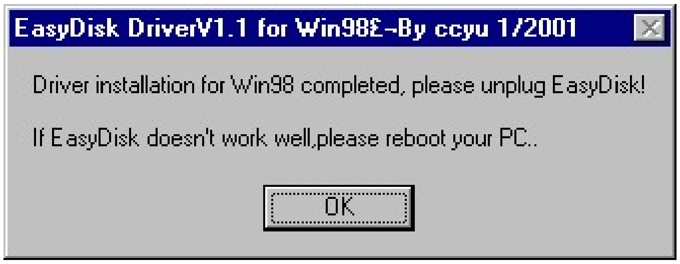
- Computer
  - CDROM
  - Disk drives
  - Display adapters
  - Floppy disk controllers
  - Hard disk controllers
  - Keyboard
  - Monitors
  - Mouse
  - Network adapters
  - Other devices
  - Ports (COM & LPT)
  - System devices
  - Universal Serial Bus controllers
    - Intel 82371AB/EB PCI to USB Universal Host Controller
    - USB Root Hub

3. Driver Installation: Exit out of "System Properties" and return to "My Computer" Insert your EasyDisk driver diskette or CD. You will find a file in the root directory called "EzdSetup" (If you do not have the driver diskette handy, you can visit our website at

www.easydiskusa.com and download this file from our "Downloads" section.)


3½ Floppy (A:)
File Edit View Go Favorites Help
Back Forward Up Cut Copy Paste
Address A:\
EzdSetup
3½ Floppy (A:)
Select an item to view its description.
My Computer

4. Run Driver File - Double Click on the "EzdSetup" file and click "OK"


EasyDisk DriverV1.1 for Win98£-By ccyu 1/2001
OK

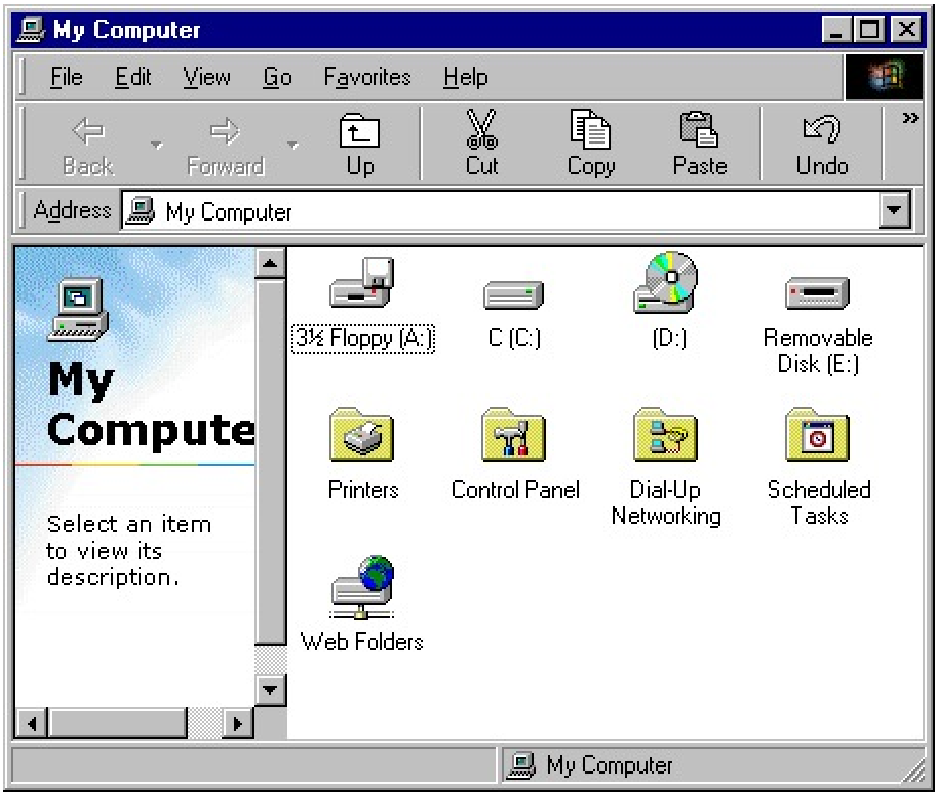
Driver installation for Win98 completed, please unplug EasyDisk!

If EasyDisk doesn't work well,please reboot your PC..

The wizard will prompt you that the EasyDisk installation was successfully in Windows 98. Click "OK"

5. Plug the EasyDisk into the USB interface of the computer, the system will "find new hardware" and install the EasyDisk automatically. During the installation, system will find a series of new hardware. When the installation is completed, a new Drive will appear using the next available drive letter. It will be labeled "Removable Disc" and will appear in "My Computer." You can operate the EasyDisk the same as any other hard drives you may have. You may need to restart your PC if you have problems.

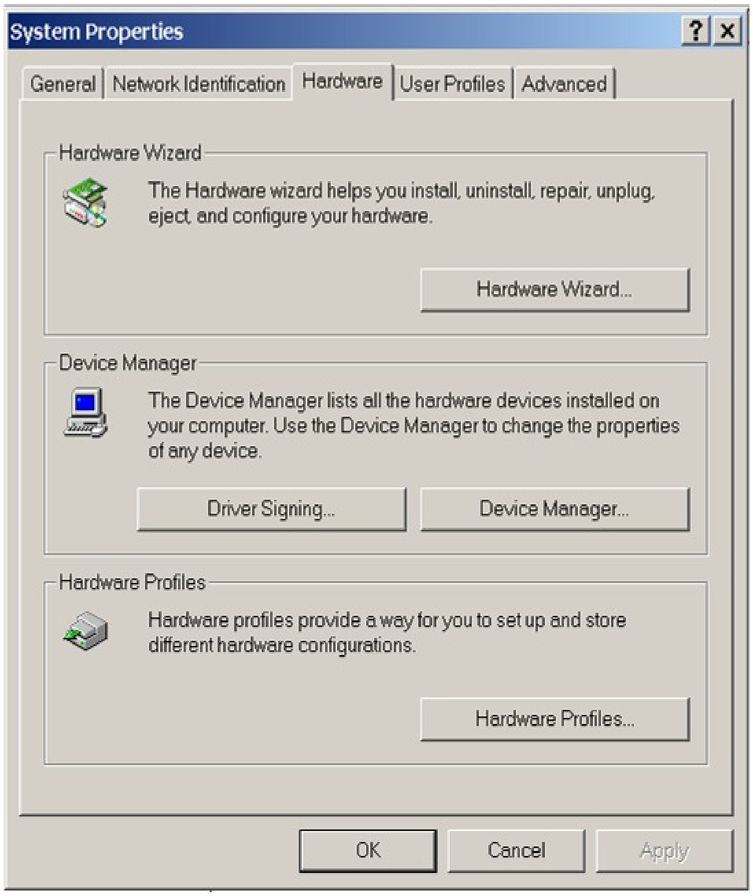
If your operating system cannot find the appropriate driver during installation, select the appropriate *.inf location. In most cases the *.inf files are saved in c:\windows\inf. If your operation system is setup differently with the OS installed in a different directory or drive other than c:\windows look in the sub-directories of your OS directory. (windows\system32\drivers or windows\system\iosubsys)


My Computer
File Edit View Go Favorites Help
Back Forward Up Cut Copy Paste Undo
Address My Computer
My Computer
Select an item to view its description.
3½ Floppy (A:)
C (C:)
(D:)
Removable Disk (E:)
Printers
Control Panel
Dial-Up Networking
Scheduled Tasks
Web Folders
My Computer

B. Windows Me, Windows 2000 and Windows XP OS

1. Verify that your computer has a USB interface.

2. Verify that the USB controller of computer is working
Ways to Check:
Open "My Computer" and find your "Control Panel". Open the "Control Panel" and click on the "System" icon. From the system properties box, select the "Hardware Tab" (See below) and open up the "Device Manager"

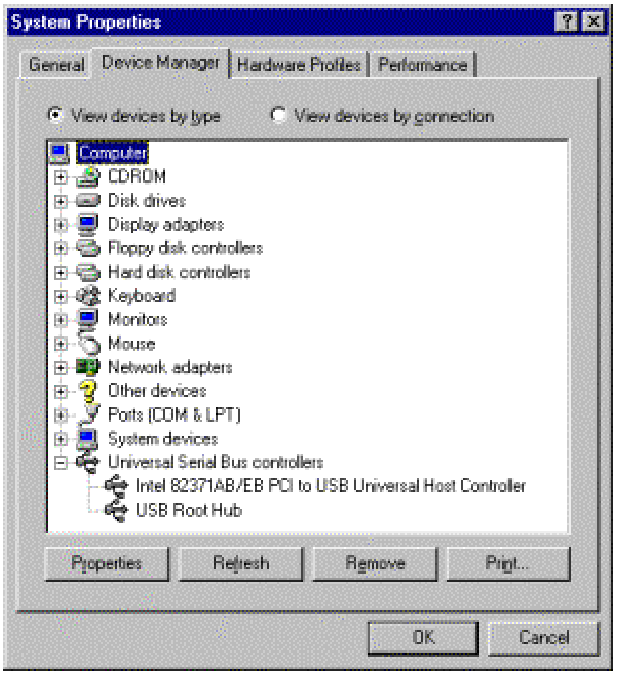

System Properties
General
Network Identification
Hardware
User Profiles
Advanced
Hardware Wizard
Hardware Wizard...
Device Manager
Driver Signing...
Device Manager...
Hardware Profiles
Hardware Profiles...
OK
Cancel
Apply

The Hardware wizard helps you install, uninstall, repair, unplug, eject, and configure your hardware.

The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.

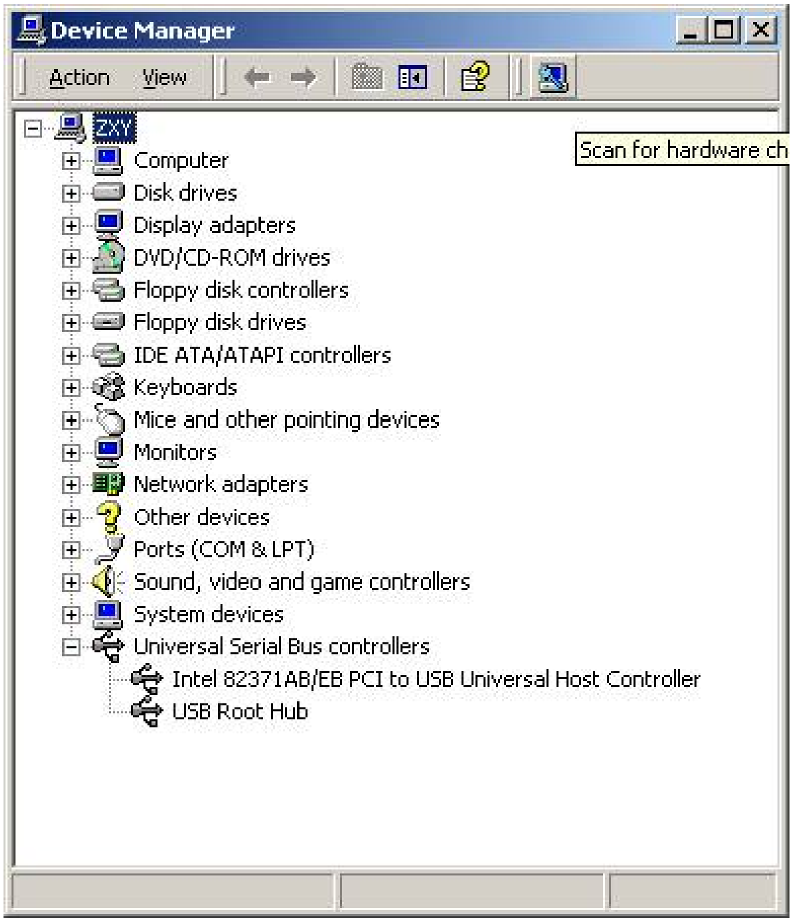
Hardware profiles provide a way for you to set up and store different hardware configurations.

From the "Device Manager" you will see a list of all the devices installed on your computer. Look for "Universal Serial Bus Controllers." Expand the USB controllers and verify that you have devices listed here. You should see "USB Root Hub" and maybe another device name referring to Intel, VIA, or SIS. If you are missing these drivers, this means that your system is not recognizing the USB ports on your computer. You should check you system BIOS to verify they are turned on. Please refer to you computer manufacturer for help.

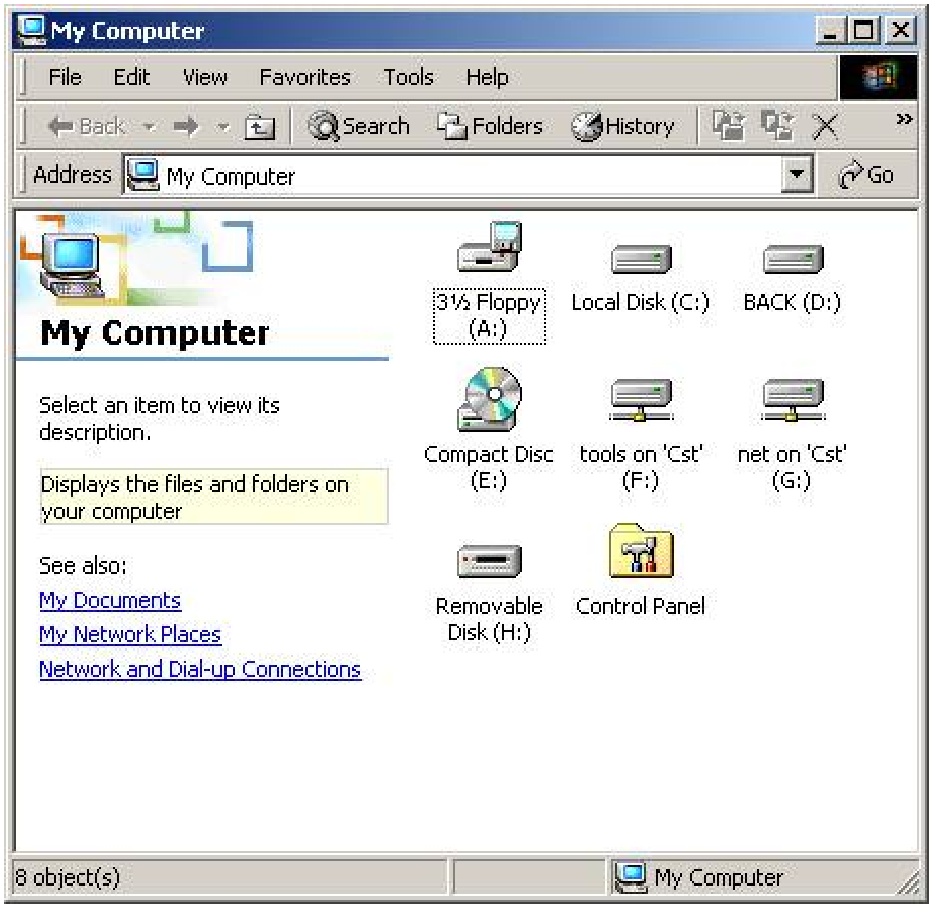

System Properties
General
Device Manager
Hardware Profiles
Performance
Properties
Refresh
Remove
Print...
OK
Cancel

● View devices by type ○ View devices by connection

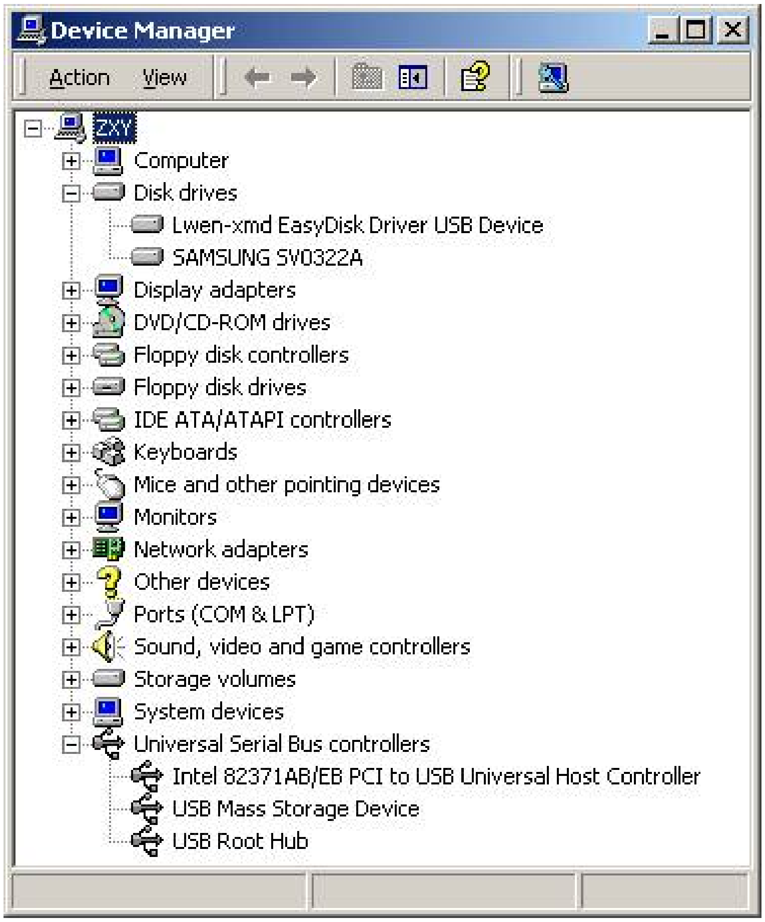
Computer
- CDROM
- Disk drives
- Display adapters
- Floppy disk controllers
- Hard disk controllers
- Keyboard
- Monitors
- Mouse
- Network adapters
- Other devices
- Ports (COM & LPT)
- System devices
- Universal Serial Bus controllers
  - Intel 82371AB/EB PCI to USB Universal Host Controller
  - USB Root Hub


Device Manager
Action
View
Scan for hardware ch
ZXY
Computer
Disk drives
Display adapters
DVD/CD-ROM drives
Floppy disk controllers
Floppy disk drives
IDE ATA/ATAPI controllers
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Other devices
Ports (COM & LPT)
Sound, video and game controllers
System devices
Universal Serial Bus controllers
Intel 82371AB/EB PCI to USB Universal Host Controller
USB Root Hub

3. Plug in your EasyDisk The system operating system will discover EasyDisk by itself and the install the necessary drivers. A new icon and driver letter, "Removable Disc" will appear in "My Computer" automatically.

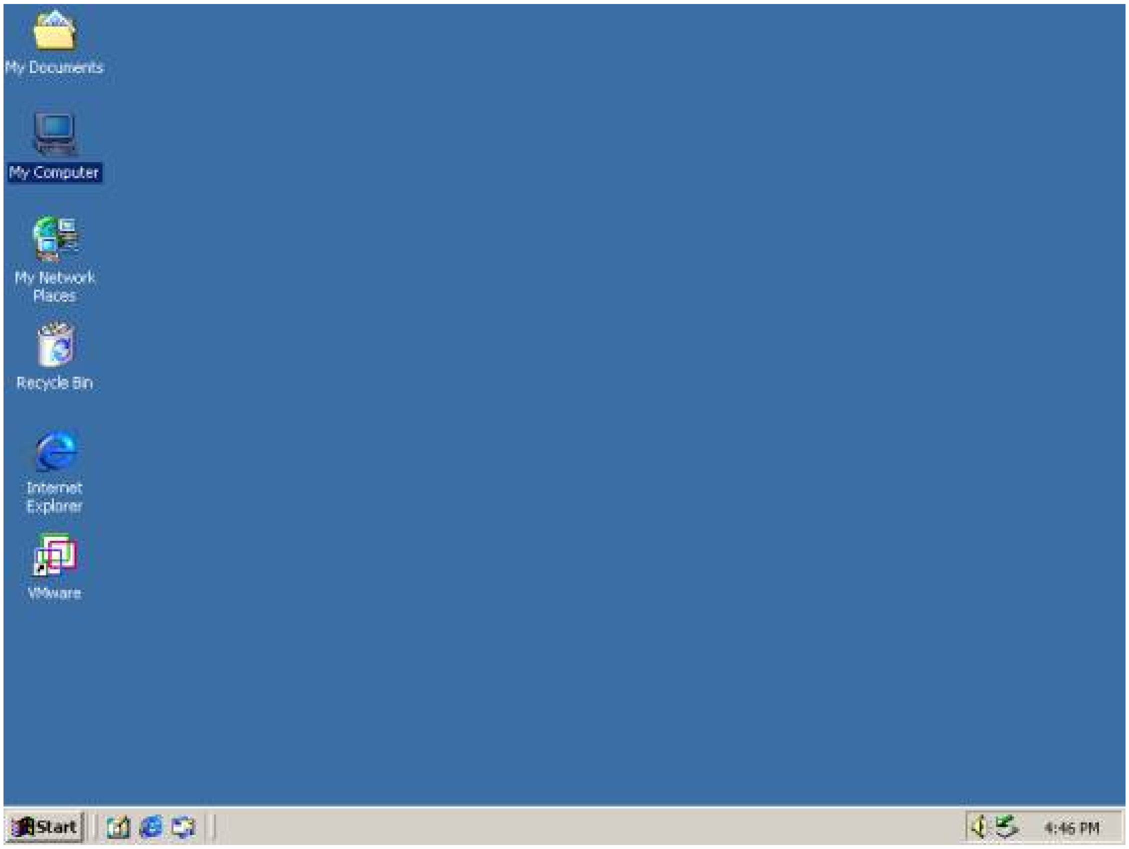

My Computer
File
Edit
View
Favorites
Tools
Help
Back
Search
Folders
History
Address
My Computer
Go
My Computer
Select an item to view its description.
Displays the files and folders on your computer
See also:
My Documents
My Network Places
Network and Dial-up Connections
3½ Floppy (A:)
Local Disk (C:)
BACK (D:)
Compact Disc (E:)
tools on 'Cst' (F:)
net on 'Cst' (G:)
Removable Disk (H:)
Control Panel
8 object(s)
My Computer

4. Verify EasyDisk is working - open "Control Panel" again and check the "System Properties", in which you'll find EasyDisk listed under "Disk drives".



- ZXY
  - Computer
  - Disk drives
    - Lwen-xmd EasyDisk Driver USB Device
    - SAMSUNG SV0322A
  - Display adapters
  - DVD/CD-ROM drives
  - Floppy disk controllers
  - Floppy disk drives
  - IDE ATA/ATAPI controllers
  - Keyboards
  - Mice and other pointing devices
  - Monitors
  - Network adapters
  - Other devices
  - Ports (COM & LPT)
  - Sound, video and game controllers
  - Storage volumes
  - System devices
  - Universal Serial Bus controllers
    - Intel 82371AB/EB PCI to USB Universal Host Controller
    - USB Mass Storage Device
    - USB Root Hub

5. Verify and us the "Unplug or Eject Hardware" icon. This Icon will appear in the system tray of your task bar. To prevent data loss or corruption, use this tool to unplug your or initialize your EasyDisk.


My Documents
My Computer
My Network Places
Recycle Bin
Internet Explorer
VMware
Start
4:46 PM

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Applications/Notes

1. In order to increase the EasyDisk reliability, working life, and protection from viruses. The boot sector of the EasyDisk is write protected.

2. Formatting the EasyDisk is an available option operation in Win98, Win98SE, and Windows ME. Because the boot sector is "read only" the EasyDisk does not support the "Format" function in Windows 2000. You need to manually delete files and directories to recover space on the EasyDisk. If you accidentally attempt to format the EasyDisk in Windows 2000, try formatting it again on a machine that uses Windows 98, SE, or ME or use the special format command set - see below

3. EasyDisk is very reliable; we ensure that bad tracks on the disk will not appear within rewriting of 1,000,000 times. Please don't perform a "complete scan" or "defrag" with disk tools available in most operating systems. This type of operation performs many "writes" and "rewrites" and is not recommend or necessary. This can affect the working life of the EasyDisk.

4. Some software and disk tools may write to the disk frequently, which could affect sector life. Try avoiding this type of software.

5. The data transfer rates for the EasyDisk are limited to approximately 6mbps write and 9.6mbps read. Because of the command sets used to read and write data, systems using Windows 2000 and Windows XP will have higher transfer rates than systems using Windows 98.

6. EasyDisk supports hot plug and play, you need to pay attention to whether the data transfer is finished or not. Unplugging the EasyDisk before data transfer is completed will lead operating system error, and the transfer data will be damaged. Please note that the operating system processing bar will show when the data transfer is finished. If the indicator LED is Flashing, DO NOT remove the EasyDisk. It is in the process of writing or reading data. If the LED is a solid color, (for more than 5 seconds) it should be safe to remove.

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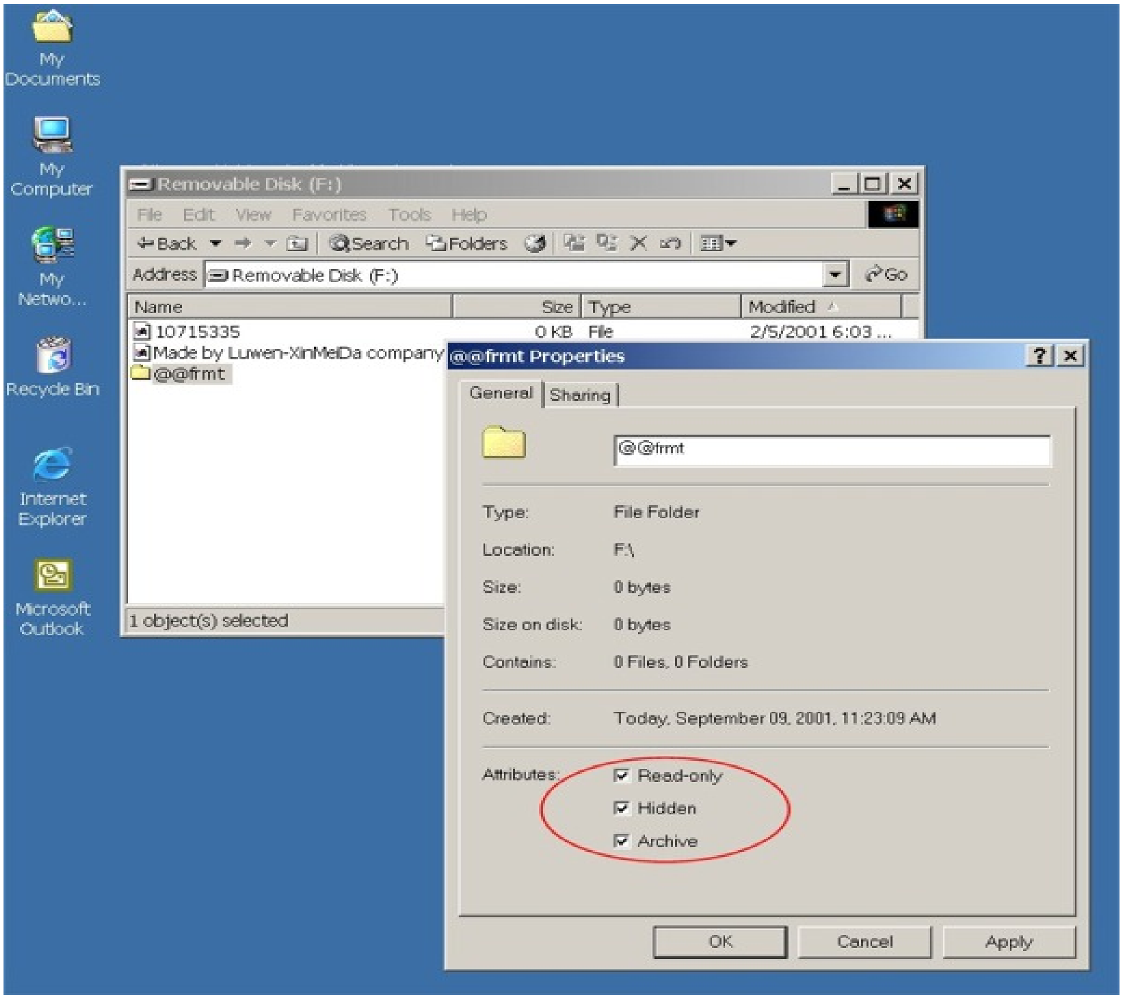
EasyDisk Tools / Special Commands

You can use the special EasyDisk Commands to format your EasyDisk and return it back to its original state. These functions can be done from any operating system.

A. Format "@@frmt" - Use this command to "low level" format the EasyDisk or to format the EasyDisk in Windows 2000 or Windows XP.
EasyDisk commands are initiated from your file command from your "File Manager" or "Windows Explorer.

1. Open up and browse your EasyDisk drive.
2. Create a new directory called "@@frmt"
3. Right Click on the directly the folder and select properties.
4. In the "Attributes" section - select "Read-only", "Hidden", and "Archive". - then select "Apply" or "OK"


My Documents
My Computer
My Netwo...
Recycle Bin
Internet Explorer
Microsoft Outlook
Removable Disk (F:)
File Edit View Favorites Tools Help
Back Search Folders
Go
@@frmt Properties
General Sharing
OK Cancel Apply

Address: Removable Disk (F:)

Name	Size	Type	Modified
10715335	0 KB	File	2/5/2001 6:03 ...
Made by Luwen-XinMeDa company			
@@frmt			

1 object(s) selected

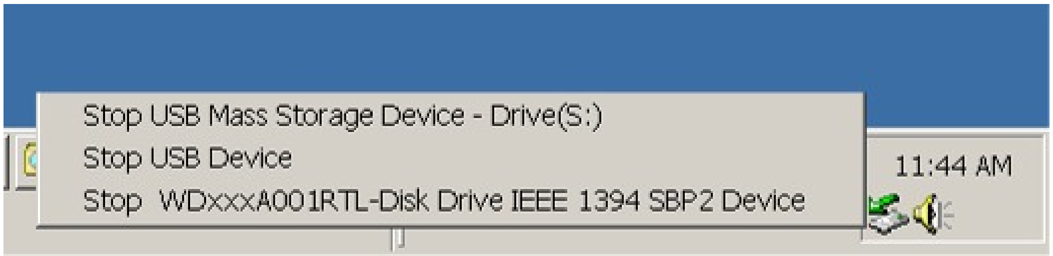
@@frmt

Type: File Folder
Location: F:\
Size: 0 bytes
Size on disk: 0 bytes
Contains: 0 Files, 0 Folders

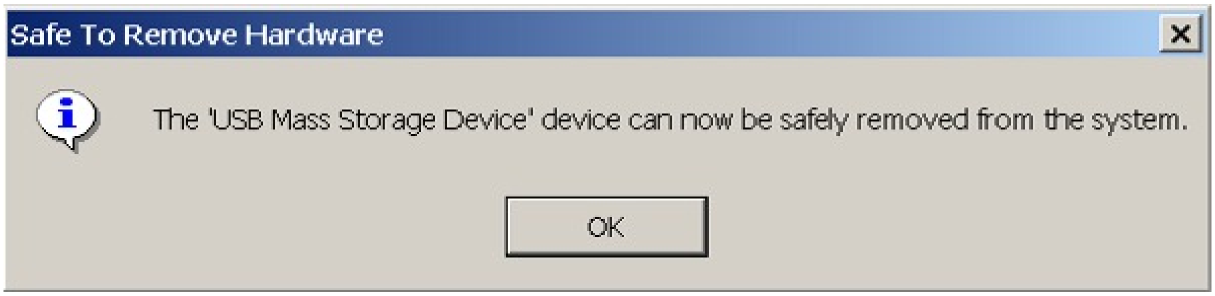
Created: Today, September 09, 2001, 11:23:09 AM

Attributes: ☑ Read-only
☑ Hidden
☑ Archive

5. Now from your "Task Manager" (located in the lower left of your task bar") Left Click on the icon. You will see function to stop EasyDisk. Go ahead and stop the EasyDisk. (The EasyDisk will be represented as a drive letter)


Stop USB Mass Storage Device - Drive(S:)
Stop USB Device
Stop WDxxxA001RTL-Disk Drive IEEE 1394 SBP2 Device
11:44 AM

6. You OS will notify you that it is ok to remove hardware. You can then remove the EasyDisk from the USB port.



The 'USB Mass Storage Device' device can now be safely removed from the system.

7. When you reinsert the EasyDisk - it will be formatted and ready for use.

B. User ID "@@urid" - Use this command to restore and verify EasyDisk ID and Serial number. If you formant the EasyDisk in Windows 98 or Windows ME, the EasyDisk ID and Serial number will disappear. You will need to recover this information by using the "@@urid" command. This might be necessary for warranty replacement.

This function will erase all data on the EasyDisk - Back up your data before performing this.

EasyDisk commands are initiated from your file command from your "File Manager" or "Windows Explorer.

1. Open up and browse your EasyDisk drive.
2. Create a new directory called "@@urid"
3. Right Click on the directly the folder and select properties.
4. In the "Attributes" section - select "Read-only", "Hidden", and "Archive". - then select "Apply" or "OK"
5. Now from your "Task Manager" (located in the lower left of your task bar") Left Click on the icon. You will see function to stop EasyDisk. Go ahead and stop the EasyDisk. (The EasyDisk will be represented as a drive letter)
6. You OS will notify you that it is ok to remove hardware. You can then remove the EasyDisk from the USB port.
7. When you reinsert the EasyDisk - it will be formatted and ready for use.
8. Two new files will appear - these files will have the ID and Serial number of your EasyDisk.

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Product Upgrading

Product Upgrading: The ROM of EasyDisk can be updated to the newest version at anytime. As new updates become available, you can download the latest updating program from our website (www.easydiskusa.com).

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Troubleshooting

1. **When I insert my EasyDisk my computer tells me new hardware has been found but I don't see any new drive icon.**

   You may need to turn on "Auto Arrange" in "My Computer" - Your icon is probably under one of the other icons or at the bottom of your page. Or you many need to refresh your screen by using the F5 key or the refresh from the "View" section of the rule bar.

2. **I have Windows 98/SE and it does not see the EasyDisk?**

   You need to first confirm that your USB ports are working correctly. You can check your "system devices" from the "Control Panel" and confirm that your USB ports are working, if not you need to reference/contact your motherboard or system manufacturer.

   Now that you know your USB ports are working, you FIRST need to install the EasyDisk driver before using the EasyDisk. This can be found on your installation diskette or can be downloaded from www.easydiskusa.com. Once this is done, you can reboot

3. **I have experienced difficulties using some USB peripherals on my PC system, would I find similar problem with the EasyDisk?**

   It appears you have lost clusters or errors on your EasyDisk. This may have happened by removing the EasyDisk from the USB port while data was still being written. You will need to perform a HARD FORMAT of the EasyDisk. Safely remove and back up any data before performing this operation. See FAQ QUESTION 5 or your owners manual on how to do this.

4. **How do I format my EasyDisk in Windows 98/SE or Windows ME?**

   In Windows 98, Windows 98SE and Windows ME, you can format the drive through your operation system's software.

5. **How do I format my EasyDisk in Windows 2000 or Windows XP?**

   In Windows 2000 and Windows XP you CANNOT format using your operating system's format command. This is because the boot sector of the EasyDisk is "write" protected. In these more advanced operating systems, the format command tries to write to the boot sector. Since this is not allowed, you will get a format error. You need to used the special EasyDisk commands to get this to work. SEE FAQ QUESTION #4

6. **How to I format my EasyDisk using the "EasyDisk Commands'?**

   You can use the special EasyDisk Commands to format your EasyDisk and return it back to its original state. This can be done from any operating system.

   EasyDisk commands are initiated from your file command from your "File Manager" or "Windows Explorer."
   1. Open up and browse your EasyDisk drive.
   2. Create a new directory called "@@frmt"
   3. Right Click on the directly the folder and select properties.
   4. In the "Attributes" section - select "Read-only", "Hidden", and "Archive". - then select "Apply" or "OK"
   5. Now from your "Task Manager" (located in the lower left of your task bar") Left Click on the icon. You will see function to stop EasyDisk. Go ahead and stop the EasyDisk. (The EasyDisk will be represented as a drive letter)
   6. You OS will notify you that it is ok to remove hardware. You can then remove the EasyDisk from the USB port.
   7. When you reinsert the EasyDisk - it will be formatted and ready for use.

7. **I accidentally erased data or directories from my EasyDisk, can I restore them.**

   Your computer sees EasyDisk just like any other hard drive - unless your computer is configured to have these files moved to your recycle bin, there is no way to restore deleted data.

8. **When I insert my EasyDisk my computer tells me "new hardware found" and the drive letter appears, but when I try to access the EasyDisk I am told the drive has been disconnected.**

   Insert the EasyDisk, and before you try to access it, click on the "remove/unplug" icon in the system tray, and remove the EasyDisk. Once your computer says it is safe to remove the EasyDisk, do so and then plug it back in. The EasyDisk should function normally now.

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EasyDisk Registration

Please register your EasyDisk at www.easydiskusa.com

Your registration will help you with:

1. Technical Support.
2. Warranty and Replacements
3. Special EasyDisk announcements.
4. Special offers and new products by EasyDisk.

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Contact us

Website: http://www.easydiskusa.com
Technical support: support@easydiskusa.com
Sales inquires: sales@easydiskusa.com
Feedback: info@easydiskusa.com

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Global Channel Solutions Inc.

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