

# **Acer USB 2.0 Flash Stick**

User Manual

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**acer**

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# Guide of ACER USB 2.0 Flash Stick

## 1 Introduction

### 1.1 Introduction of Acer USB2.0 Flash Stick

ACER USB 2.0 Flash Stick, a mass storage flash memory card, comes from interface technology of USB 2.0, which is plug-and-play, electronic writing protection, high speed read-write.

It is very convenient to use “ACER USB 2.0 Flash Stick” and can be run on several operation systems such as Windows 98, Windows ME, Windows 2000, Windows XP, Mac OS 9.1, Linux 2.4x and above without any physical drive equipment and extra power; it can realize the mobile storage of data without influenced by the host computer, universal, huge storage.

#### 1.1.1 The main capability index

- Maximum data reading speed: 9MB/S
- Minimum data writing speed: 4MB/S
- Without installing driver(exclude Windows 98)
- With no physical driver
- Accord with the standard USB 2.0/1.1
- Without extra power, just from general USB cable
- Huge capacity with categories
- With the switch of reading protection, no document rubout happens or virus
- LED light indicates the working state
- Small body
- Very light: about 26 mg

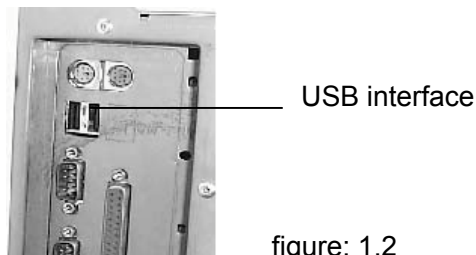
#### 1.1.2 ACER USB 2.0 Flash Stick overview



figure: 1.1

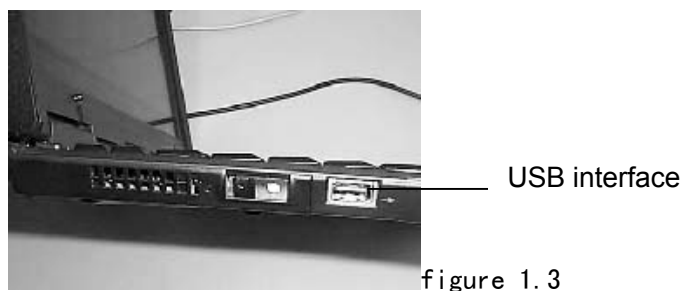
#### 1.1.3 Connection with computer

ACER USB 2.0 Flash Stick joins with computer through USB interface. If there is no original USB interface, you need to equip a transfer card with PC-USB interface, and then you can use ACER USB 2.0 Flash Stick Mostly, for the desktop, the USB interface is on the upper of the host computer back, as the picture 1.2 show:



You can directly connect ACER USB 2.0 Flash Stick to your desktop's USB interface; and also can use a USB cable to prolong for using, all you need to do is to use one end to connect the host computer and use another end to connect ACER USB 2.0 Flash Stick.

Generally, for notebook, USB interface is on the one side or back. You can not miss it, like picture 1.3 to indicate. You can connect ACER USB 2.0 Flash Stick and USB interface of your notebook directly without using USB cable.



## 1.2 The system Requirement of ACER USB 2.0 Flash Stick

### 1.2.1 Requirement for computer

- PC must with USB interface or compatible desktop, notebook and super-small notebook;
- Apple PC must with USB interface

### 1.2.2 Requirement for operation system

- Windows 98
- Windows Me
- Windows 2000
- Windows XP
- Mac OS 9.x or above
- Linux 2.4.x or above

### 1.2.3 Requirement for the host controller of USB

- UHCI- universal host controller interface
- OHCI- open host controller interface

## 2 Install application program

Due to there is Windows 98 driver in the application program, so as you install the application program in Windows 98SE, you also install the driver program at the same time.

Insert the CD of ACER USB 2.0 Flash Stick into the CE-ROM, and a window will pop up, as follows picture 2.1:




figure :2.1

Click the "Install" button to start installing application program, as follows:



figure 2.2

When appear the next picture, please click  button as follows:

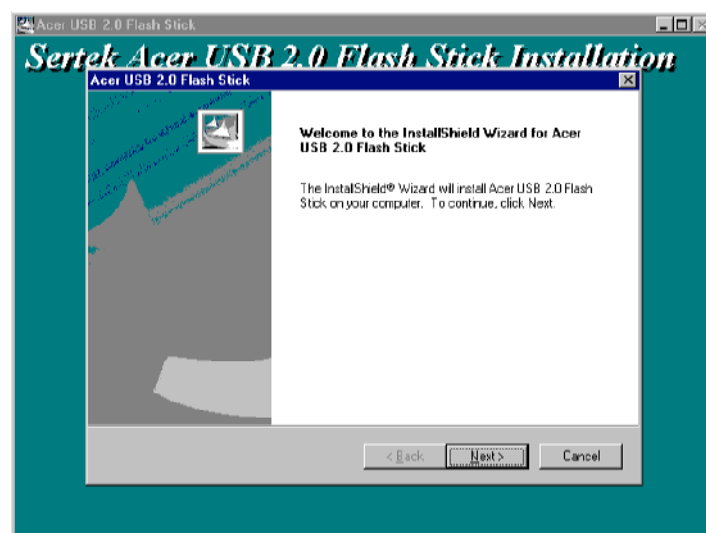
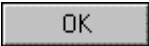


figure: 2.3

System will install the program automatically, when it appears the next picture, please click  button to finish the installation and restart the computer.

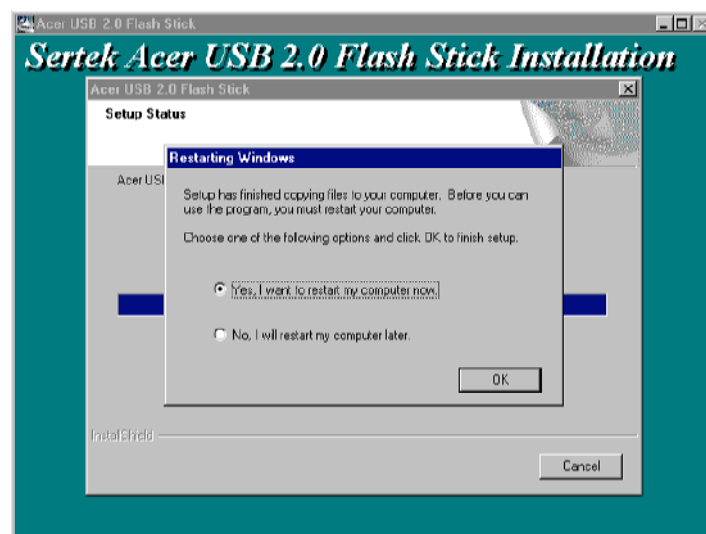


figure: 2.4

After the restart of Win98 operation system, please insert ACER USB 2.0 Flash Stick, the system will find the equipment automatically and put into using.

*Notice: Please don't insert the ACER USB 2.0 Flash Stick before installing the driver program, or it may make the system can not install automatically.*

### 3. ACER USB 2.0 Flash Stick application

#### 3.1 Windows 98/Me/2000/XP

- 1) Turn on your computer
- 2) Connect the ACER USB 2.0 Flash Stick and the USB interface of computer; please find it from session 1.1.3 of chapter 1. If the connection is OK, the indicator of ACER USB 2.0 Flash Stick will turn light, that means flash memory card is working.
- 3) Open "My computer", you will find a new "Removable Disk" symbol ( figure 3.1). That is the ACER USB 2.0 Flash Stick's symbol. Generally, the symbol is the last one for the current system, if the latest disk symbol is D before connecting ACER USB 2.0 Flash Stick, then the disk symbol of ACER USB 2.0 Flash Stick is E. One more need to pay attention: when you are using ACER USB 2.0 Flash Stick for the first time, please kindly wait for a moment, because the system needs some time to find the driver and it only for the first time using.



figure: 3.1

Under the Windows Me/ 2000/XP, the bottom right of screen will show a icon, it means ACER USB 2.0 Flash Stick.( picture 3.2)

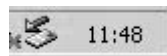


figure: 3.2

After then, you can use ACER USB 2.0 Flash Stick like traditional hard disk. You can copy, edit, and delete the document. When it is working, the indicator light glints quickly. And after data reading finish, the light will stop glinting.

*Notice: Don't pull out the ACER USB 2.0 Flash Stick when the light is still glinting, or your data will be destroyed.*

3) Please do as follows when you finish the work and want to pull out the flash memory card. There are some differences for the operation systems:

Window 98: You can pull out flash memory card from the computer directly only if the indicator stop glinting.

Windows Me/2000/XP: You need to use the left of mouse to click the disk symbol on the right of screen, and it will appear a menu: “ Safely remove USB Mass Storage Device” as follows:

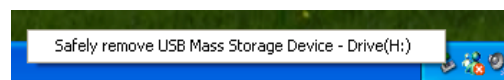


figure: 3.3

click this menu and the system will show another window to tell you” USB Mass Storage Device can be removed safely from the system” as the follow:



figure: 3.4

Then click “Enter” to close this window. After this, you can pull out the ACER USB 2.0 Flash Stick safely. The disk symbol will disappear in seconds.

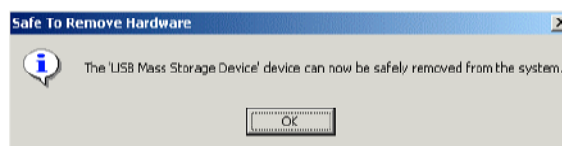


figure: 3.5

## 3.2 Mac OS 9.x/Mac OS X

1) Start your Apple PC

Insert ACER USB 2.0 Flash Stick to your Apple PC's USB interface, the computer's desk will appear a disk symbol “Untitled” (picture 3.6), that is the ACER USB 2.0 Flash Stick disk symbol. After it, you can use it like usual hard disk. When you need to pull it out, please draw the symbol to the bin firstly and then pull it out, or the document and data in



the ACER USB 2.0 Flash Stick will be lost.



figure: 3.6

### 3.3 Linux 2.4.x

ACER USB 2.0 Flash Stick has already been formatted before out of factory and its documents system is FAT system; any Linux Kernel 2.4 of Linux can use ACER USB 2.0 Flash Stick. The Linux Kernel need to add the feature of USB support, and you also need to add USB FILE SYSTEM to use ACER USB 2.0 Flash Stick at the same time.

1) Turn on your computer.

2) Insert the ACER USB 2.0 Flash Stick to the computer's USB interface

Login as root, type order: `mount/dev/sda/mnt`

This order will put the ACER USB 2.0 Flash Stick to the directory of “/mnt”. “/mnt” is a directory made by user.

*Notice: When you type sda item of the order mount/dev/sda/mnt, there are maybe some changes because the using of computer or fresh memory card. Please follow the orders of Linux to operate.*

3) Type the order: `umout /mnt` before pull out the ACER USB 2.0 Flash Stick

This order is used for uninstall ACER USB 2.0 Flash Stick You must use this order , or your document will be lost. The order “/mnt” is corresponding to the upper “/mnt”

### 3.4 Notices

1) The Windows 98 system of user's manual is the first edition and the second edition of Windows 98.

2) ACER USB 2.0 Flash Stick will not guarantee its normal operation for all the computers. We will not answer for any lost because of using ACER USB 2.0 Flash Stick . If any dispute, please solve it with relative law .

## 4. Technologic Reference of ACER USB 2.0 Flash Stick

Items	Specified criterion
Computer	With USB or compatible desktop, laptop and Apple PC
Operation System	Windows 98/Me/2000/XP, Mac OS 9.x/Mac OS X, Linux 2.4.x
Power	USB supply (4.5V~5.5V)
Host computer interface	Universal serial bus standard 1.1/2.0 UHCI OHCI
Working electric current	<80mA
Writing protection	Yes, with switch
Inside LED	Lighting :connect successfully Glinting: reading/Writeing data
Speed of reading	9MB/S Maximum

Speed of writing	4MB/S    Maximum
Working temperature	-10°C~+50°C
Storage temperature	-40°C~+70°C
Relative humidity of running	5%~95%
Weight	26g

## 5. FAQ of ACER USB 2.0 Flash Stick

**1. Q: After I inserted the flash memory card to the computer's USB, the system did not show that it found the new equipment when I firstly use ACER USB 2.0 Flash Stick as the storage part. Why? How to solve it?**

**Answer:** Firstly, you should check if the connection of ACER USB 2.0 Flash Stick and USB is too loose. It also maybe happen when it has not been enabled in the setting of system's BIOS, so you need to restart the computer and get into the BIOS setting to enable it. The last possible reason is that there is something wrong with your USB system installation or the support program of USB has not been enabled. Please follow the guide of User Manual to install the USB system correctly.

**2. Q: As the first time I insert ACER USB 2.0 Flash Stick into Window 98, when I can't install correctly after it appeared the hint of installation, I put it again to install. However, the system did not show the dialogue frame of "New hard disk install" as last time, so I can't install the flash memory driver, please tell me how to do.**

**Answer:** Please do step by step as follows:

- a) Reinstall the application program as chapter 2;
- b) Insert the flash memory device to the computer's USB;
- c) Put the driver CD into the CD-ROM;
- d) Click the right side of mouse from "My computer"=>"Reference"=>"Equipments Manager";
- e) Delete "unidentified Equipment" or "Other Equipments"( with yellow ? or !);
- f) Click "Refresh" button;

Wait for a moment and it will show out the installation guidance, then follow the guidance to finish the installation.

**4. Q: What is the meaning of LED for ACER USB 2.0 Flash Stick?**

**Answer:** The light of LED is on, ACER USB 2.0 Flash Stick has been connected to the computer successfully; the light is flickering, reading/writing data.

**5. Q: What should be noticed when pull out the ACER USB 2.0 Flash Stick?**

**Answer:** As the operation system, we suggest you not pull out the ACER USB 2.0 Flash Stick hastily. Please pull it out after reading the data and the LED light stops glittering.

**6. Q: Why my flash memory Disk real capability is smaller than the marked?**

**Answer:** There is little difference about capacity of ACER USB 2.0 Flash Stick when under the different of operation systems to format it. The parts of space is occupied by flash memory card and the system to run, that is the reason why flash memory card's real capability is smaller than the marked.

**7. Q: Is it possible to access more than one ACER USB 2.0 Flash Stick with one computer?**

**Answer:** Sure, theoretically, one computer can access at least 127 pieces of ACER USB 2.0 Flash Stick. However, due to driver disks use 26 English letters to name, while the present drivers have occupied several English letters, it can only access 23 pieces of ACER USB 2.0 Flash Stick (exclude A. B. C) with the assistant of USB HUB.

**8. Q: When the ACER USB 2.0 Flash Stick is using, can I run other programs?**

**Answer:** Yes.



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