

INTRODUCTION

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

USB flash disk acts as a removable hard drive when plugged into a USB port. USB flash disk is truly plug and play on Operating Systems that support USB 1.1, like Windows ME/2000/XP.Linux2.4x, Mac9.X/Mac OS X, 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 CD with the product or can be easily downloaded from "downloads" section of our homepage.

USB flash disk 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.

USB flash disk 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 USB flash disk as a removable hard drive, you can save, delete, and move files endless numbers of times without worries.

USB flash disk comes with a 3 foot USB extension cable for convenient use on systems that are stored where the USB ports are not easily accessed.

USB flash disk capacities shipping currently are 16MB, 32MB, 64MB, 128MB, 256MB ,512MB and 1GB modules,2GB USB flash disk will be available soon after.

USB flash disk is a must for anyone that uses a computer.

System Requirements

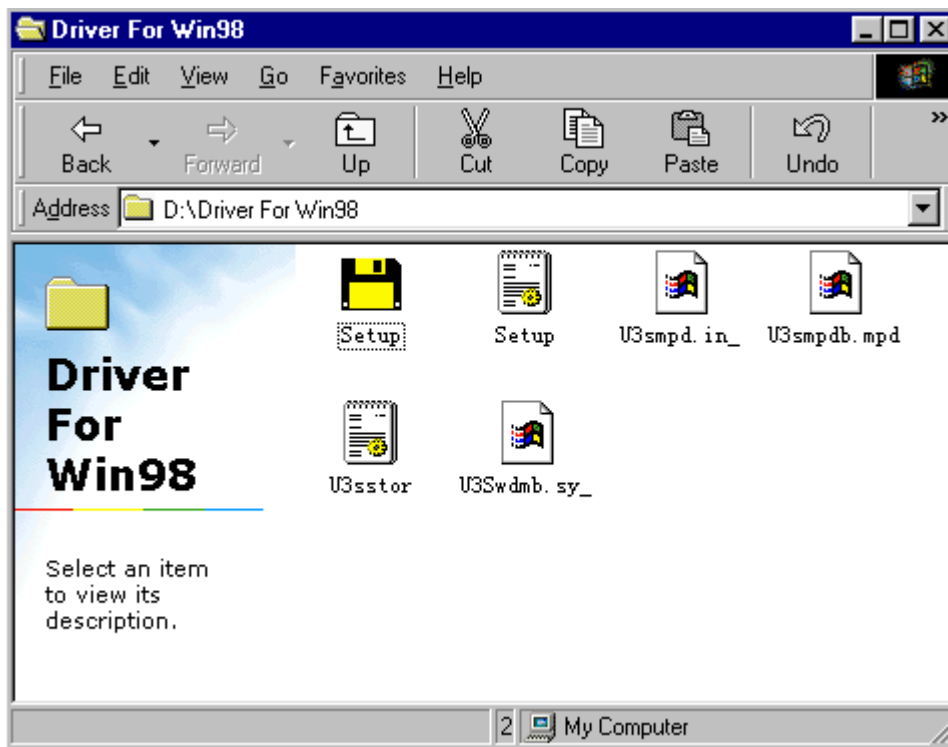
1. **Hardware:** IBM PC, Compatible PC, Notebook or Macintosh with USB interface.
2. **Operating System:** Windows 98/ SE, Windows ME, Windows 2000/XP, Macintosh and Linux OS which support USB mass storage protocol.

USB FLASH DISK INSTALLATION GUIDE

1. WINDOWS 98/se operating system:

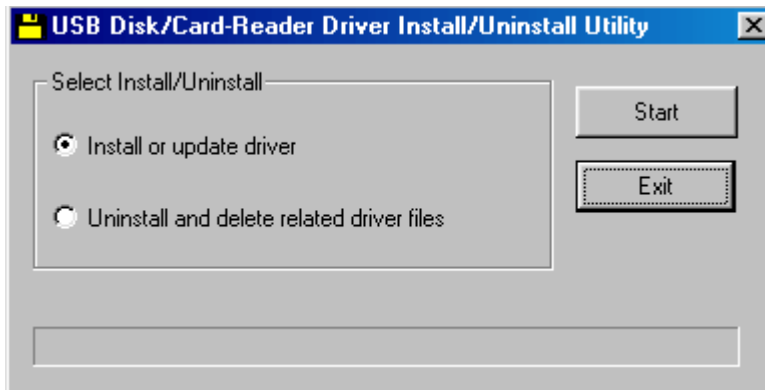
a. Installation Method I :

1. Insert your USB flash disk driver diskette or CD, then you can find the folder named "Driver for Win98" and double click "Setup.exe".



2. Click "OK" button in the prompted window.

3. Select "Install or update driver", then click "Start" button, then system will install the driver automatically. When the progress bar is filled full and "done" prompt displayed, press "Exit" button.



4. Plug USB flash disk into USB port, system will install the hardware automatically. Open "My Computer", a new icon using the next available drive letter labeled "Removable Disk" will appear automatically, then you can operate USB flash disk just as your local hard disk.

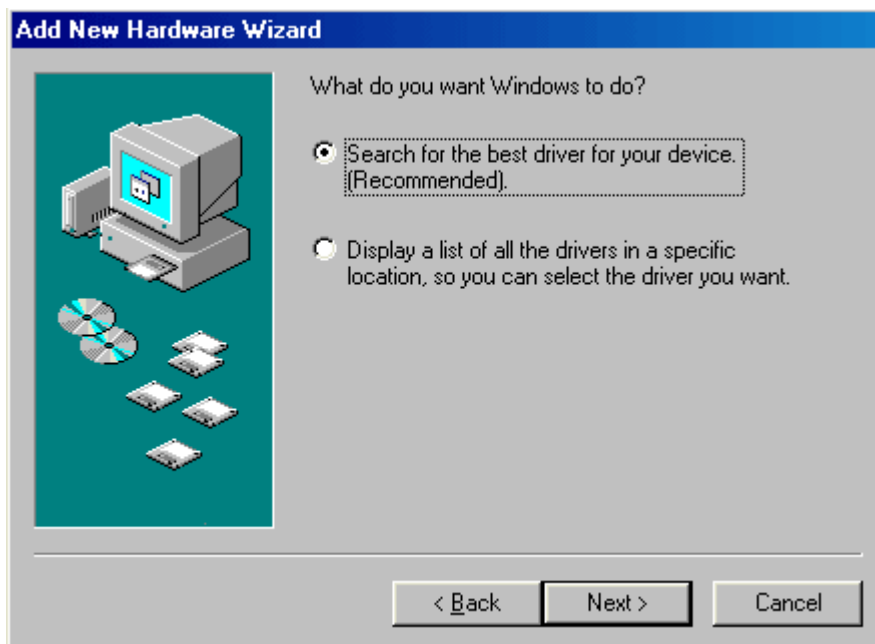


b. Installation Method II :

1. Plug USB flash disk into USB port, then "add new hardware" wizard will occur.



2. Click "Next" button and select "Search for the best driver for your device. (Recommended)".



3. Click "Next" button, insert the USB flash disk driver and click "Browse" to locate the USB flash disk driver.



4. Click "Next", system will prompt "USB flash disk driver found" and display files for installation.
5. Click "Next", system will prompt "driver for new hardware installed". Click: "OK".

2. Windows2000/ME/XP, Linux 2.4X,Mac OS9.X/Mac

OS X operating system:

Just insert USB flash disk into USB port, then "Add new hardware" wizard will occur and system will install USB flash disk automatically. After that you can find a new icon using the next available drive letter labeled " Removable Disk" in "My Computer" (only for the PC system) .

HOW TO USE USB FLASH DISK

1. How to use USB flash disk:

- a. Plug USB flash disk into the USB port, then you can find the "Removable Disk" in "My Computer".



- b. Double click "Removable Disk" to access USB flash disk
- c. You are free to operate all the files in your USB flash disk just as that in the local hard disk .

2. Write-protect Lock:

When the switch is in the state of unlock, you can carry out all kinds of operations such as write, format, change password etc.

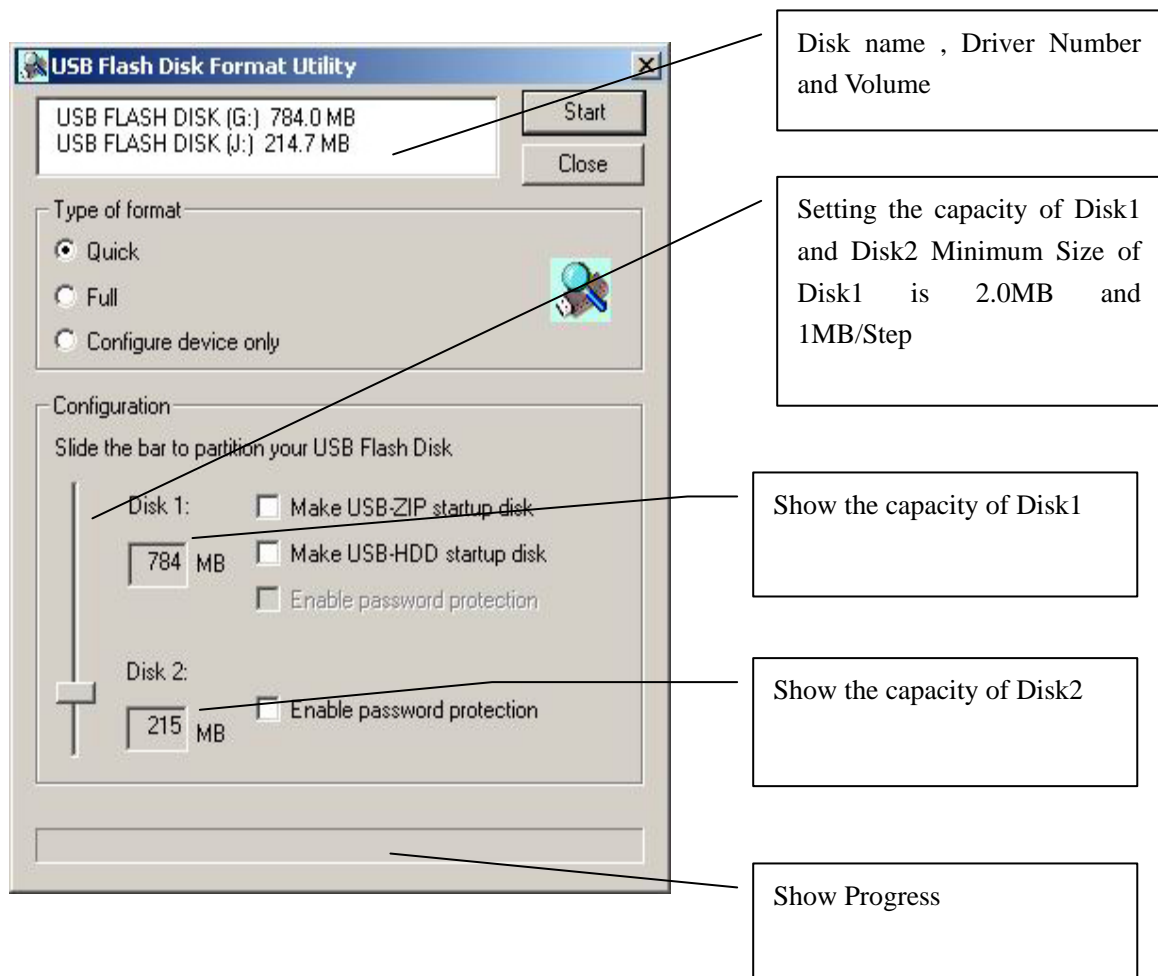
Otherwise, you can only read the files in it which can prevent your data from being erased by accident.

3. How to use the utility program – Mformat.exe

The purpose of this chapter is guide user to use MFORMAT program for format USB flash disk USB Flash Disk. And let user to setup the USB flash disk.

3.1 Introduction:

Open the “utility” folder , double click the “Mformate.exe” icon, the application program running. You can see the window.



--Introduction of Button--

Start: Start Format Process

Cancel: Cancel Format Process

Type of format

Quick: to read the condition of every block on Disk.

Full: to Write/Read all block to find if there were some bad block , if there were some bad block, program will mark it as a bad block.

Configure device only : skip the procedure of block check, only setting the configuration that you set on “configuration”(start up disk, Enable password protection...). ***(Notice: if there were some disk in under password protection ,you can not use this Type)***

Configuration

The setting of this area is independent from the Type of format.

Enable Password Protection:

Enable Password Protection feature , if you format disk as two disks, disk 1 will be public area, and disk2 will be password protection.

Make USB-ZIP Startup disk : make disk as USB-ZIP Bootable disk, and copy Bootable related files to USB Flash Disk.

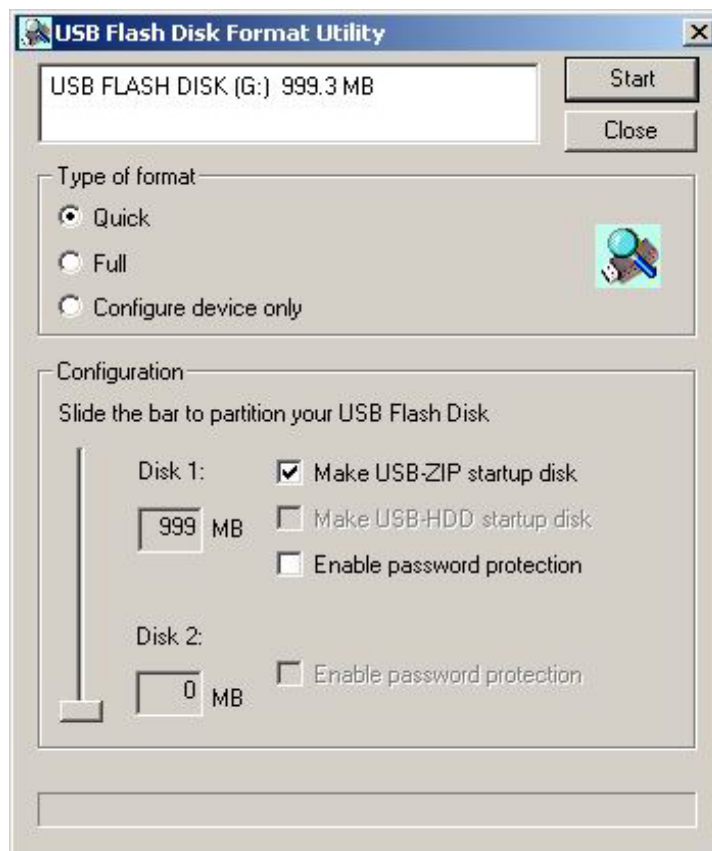
Make USB-HDD Start up disk : format Disk1 as HDD format and copy Bootable related file to Disk.. ***(USB-HDD Can only support in Win98/SE)***

3.2 How to format the USB FLASH DISK as Bootable and Password protect

3.2.1 Format as Only One Disk

3.2.1.1 Make USB-ZIP Startup Disk :

Choose “Quick” or “Full” or “Configure device only” then enable “Make USB-ZIP Startup disk” and push “Start”

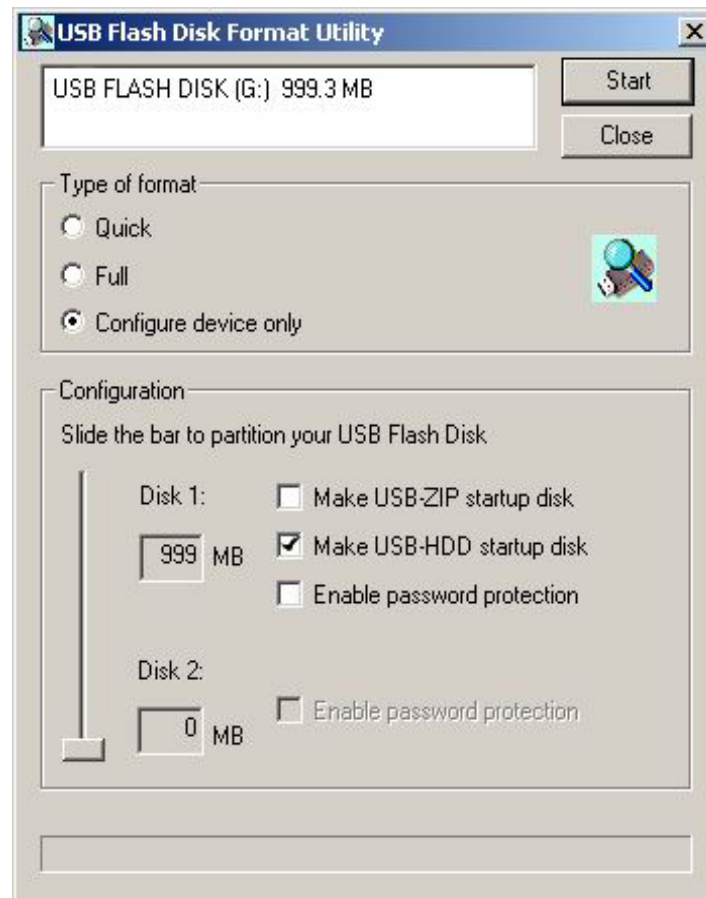


3.2.1.2 Make USB-HDD startup disk:

Choose “Quick” or “Full” or “Configure device only” then enable “Make USB-HDD Startup disk” and push “Start”

***If you choose Make USB-HDD startup disk , then the password protect function will be disable**

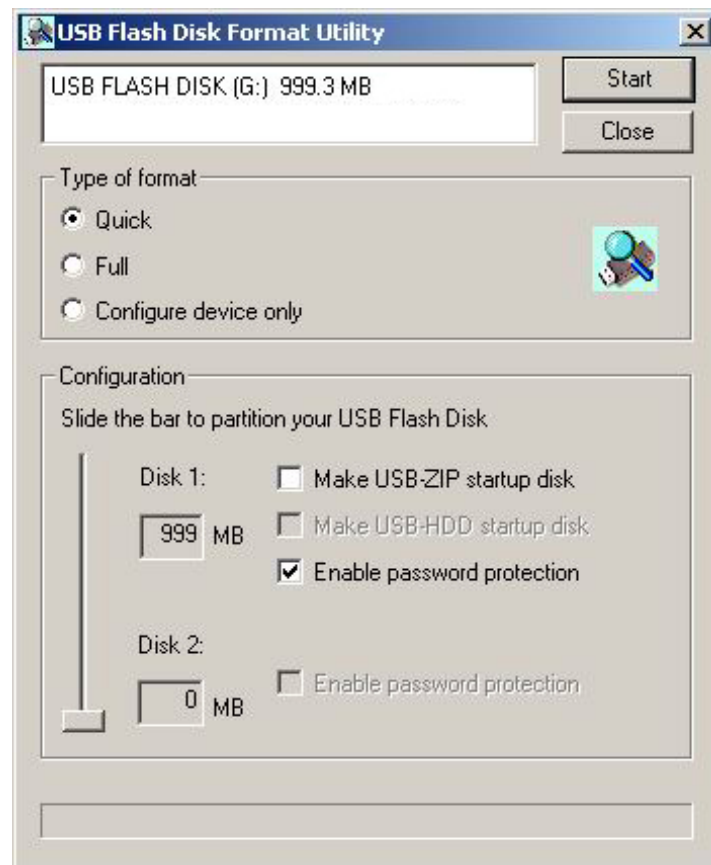
USB-HDD startup disk Function on support Win98/SE



3.2.1.3 Enable password protection:

Choose “Quick” or “Full” or “Configure device only” then enable “Enable password protection ” and push “Start”

***If you choose “Enable password protection”, then Make USB-HDD startup disk function will be disable.**



When you enable “Enable password protection “ Program will show a window ask you to enter your default password and hint.



after you enter password and hint , please push “OK”.

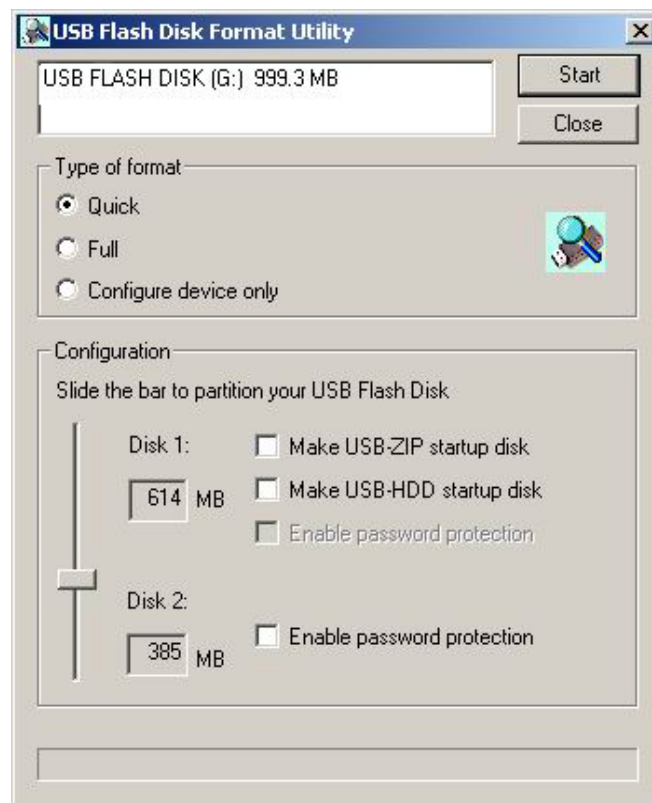
3.2.2 Format as two disks

MFORMAT can format USB flash disk USB Flash Disk as 3 kind of combination as below:

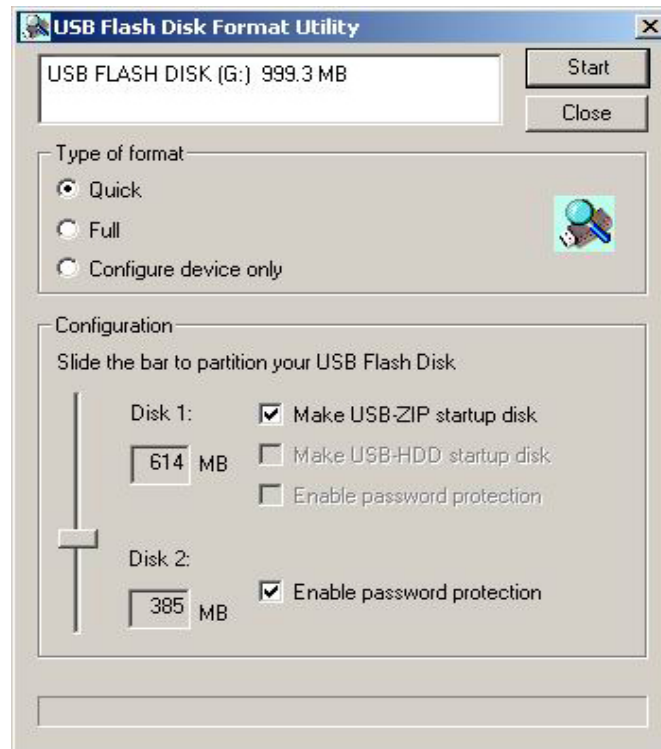
	Disk1	Disk2
Setting1	USB-ZIP	USB-ZIP and password protect
Setting2	USB-HDD	USB-ZIP and password protect

3.2.2.1 Format as 2 Disks:

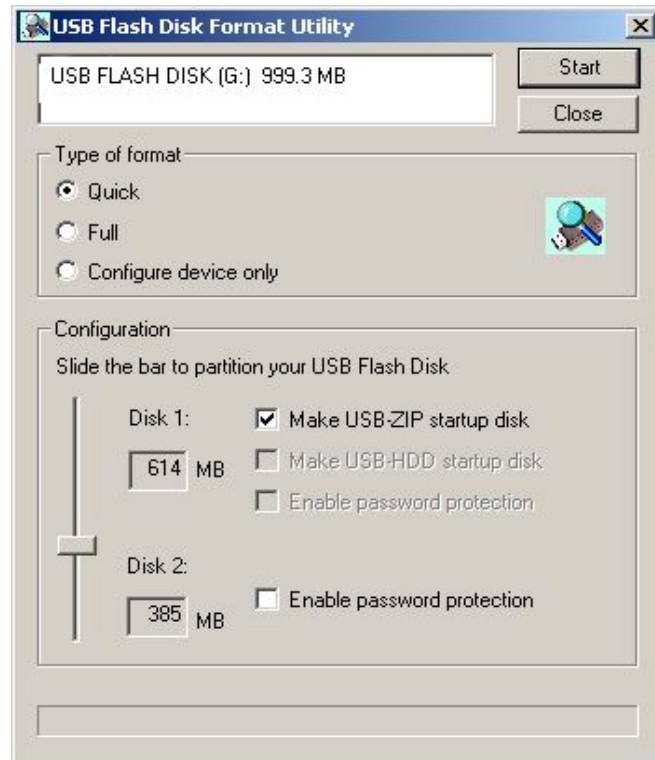
"Quick" or "Full" or "Configure device only" ,then move the SLIDER in left side to choose Disk1 Volume and Disk2 Volume and push start.



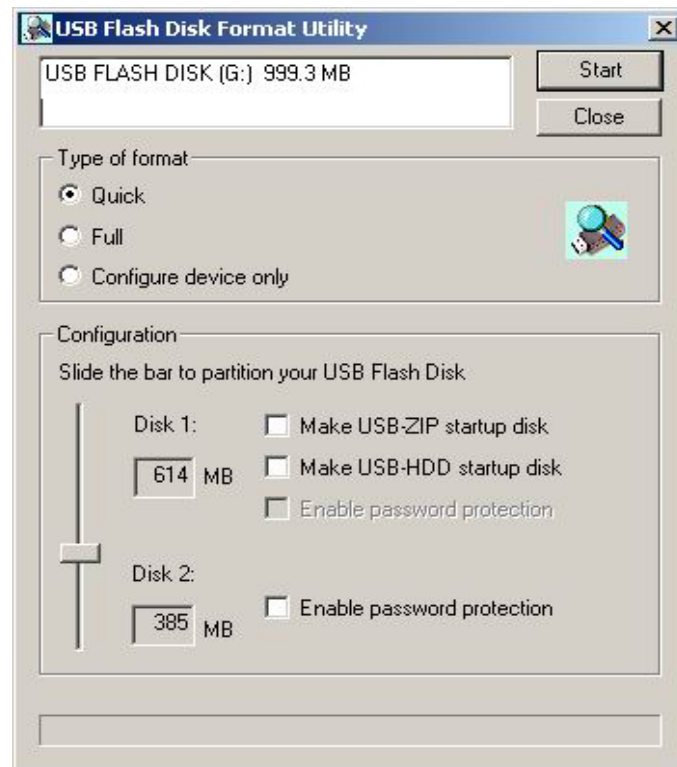
3.2.2.2 Make Disk1 as USB-ZIP startup disk , Disk2 as Password protection:



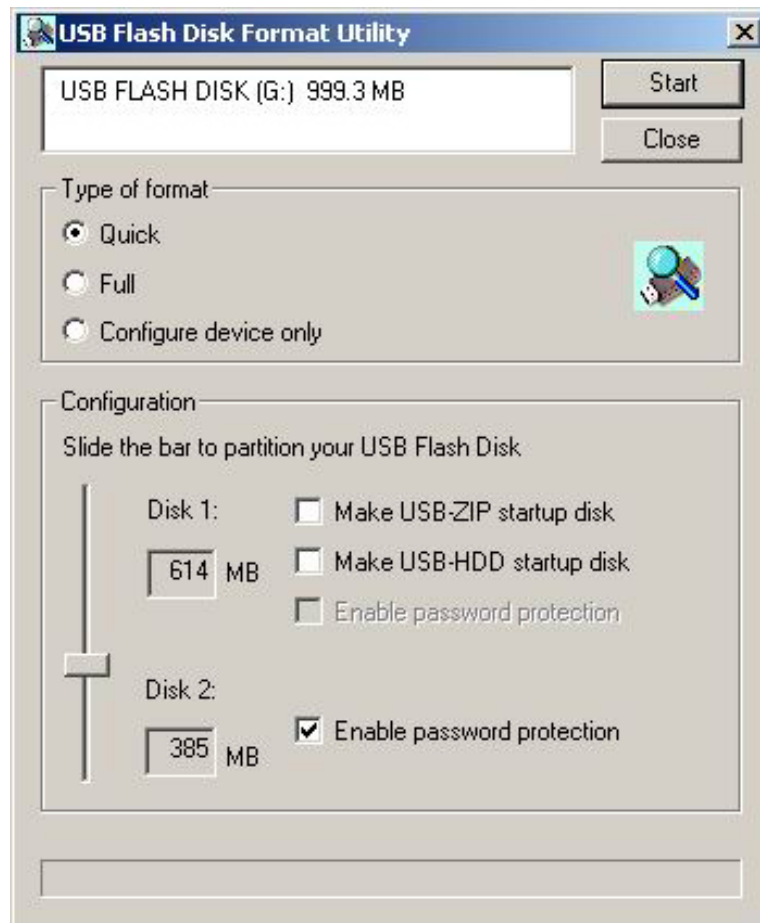
3.2.2.3 Format as disk1 and disk2 both as Removable Disk and Disk1 as USB-ZIP Start up Disk:



3.2.2.4. Format as disk1 and disk2 both as Removable Disk . Disk 1 as USB-HDD Start up Disk (USB-HDD only support Win98/SE)



3.2.2.5 Format as disk1 and disk2 both as Removable Disk . Disk 1 is USB-HDD Startup Disk . Disk2 is password protection (USB-HDD only support Win98/SE)



Notice:

1. After format you USB Flash Disk, please plug out and plug in you USB Flash Disk again
2. If you format USB Flash Disk as two disks, but you can not find 2 disks in Win2000, please download “Windows2000 Service Pack 3 “ from Microsoft Web site.
3. You can not use MFORMAT or PASSID in Win2000 or Win XP normally, please ask your administrator to run MFORMAT or

PASSID first, then normal user can use MFORMAT or PASSID.。

4. if you format USB Flash Disk as 2disks, in MAC O/S , above MAC O/S 10.1.5 can support.

5.Password protection function only support in Microsoft O/S , if you want copy data to MAC or Linux O/S please disable Password Protection Feature.(Use change password ,enter old password and don't enter any new password will disable password protection)

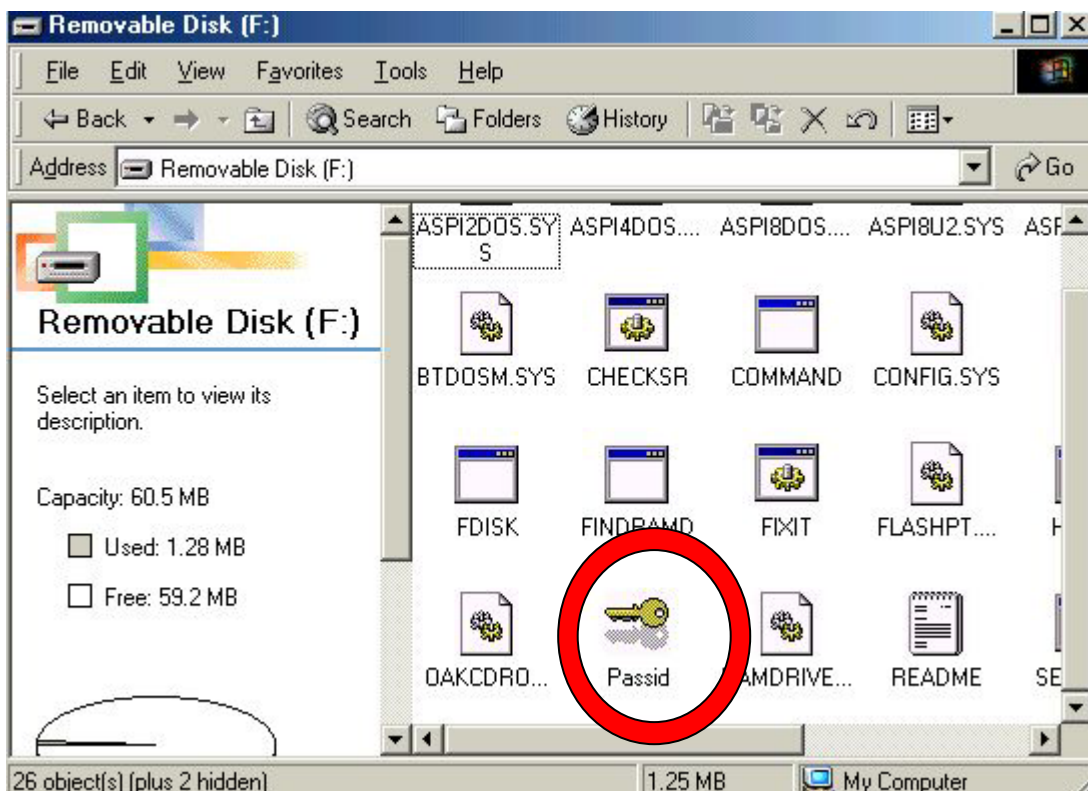
6. Startup Disk don't support Win2000.

4. How to setup a password

The purpose of this chapter is guide user how to setup a password .

Notice: *it can only operate for Microsoft Operation System.*

4.1 After you use MFORMAT to enable the Password feature, at the first you plug the USB Flash Disk , and open the disk , you can find the content is as below.



4.2 if you want to Write or Read the USB Flash Disk you have to execute Passid.exe , then passed window will show as below:

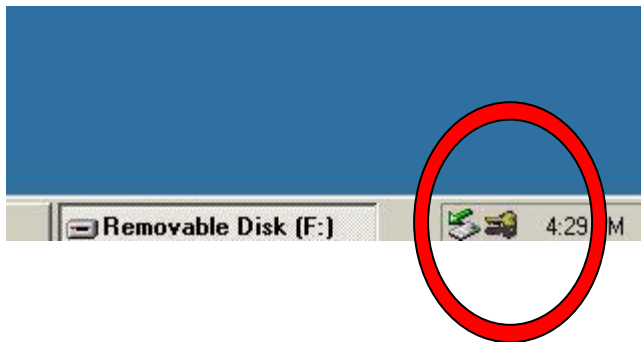


4.3 if you want to change password ,you can click “change password ” , then it will show:



!!IF you want to disable password protect function you can only input your old password and let New password and Confirm New Password Empty, then the function will be disable!!

4.4 Once you run the PASSID after you power on you PC , PASSID will become a permanent program, the if you plug the disk with password function next time, passed will execute automatically. And you can change the password protect condition or exit the passed program by click RMB (right mouse button), on the logo of PASSID. Show as below.



USB FLASH DISK SPECIFICATION

Item	Specification
Hardware:	IBM PC, Compatible PC, Notebook or Macintosh with USB interface.
Operating System:	Windows 98/ SE, Windows ME, Windows 2000/XP, Mac OS 9.X/Mac OS X, Linux 2.4X .
Drivers:	Only Windows 98/SE needs the USB flash disk driver.
Power Supply:	No external power required, USB power supply (4.5V to 5.5V)
Capacity:**	16MB/32MB/64MB/128MB/256MB/512MB
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:	Green Light on: Connected and working
	RED Light Flashing: reading and writing data
Reading speed: *	950KB/S (depend on the computer configure)
Writing speed: *	600KB/S (depend on the computer configure)
Operating temp. *	-40 °C ---- +70 °C
Storage temp. *	-50 °C ---- +85 °C
Relative Humidity Under Operation *	5% to 95%
Relative Humidity Under Storage *	1% to 98%
Weight	15g approximate
EMI Compliance	FCC (Class B), CE

*For reference only, we reserve all rights to make changes on any specification without prior notification

** These data are just theoretic value. Due to the character of flash memory chip, bad units may occur. Therefore the actual capacity will be less than theoretic value. Bad units will not affect USB flash disk Usage.