

Netac



REMARK: Netac OnlyDisk is certificated by FCC & CE.

Dual-Bootable OnlyDisk User's Manual

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Driver Installation on Windows 98

Netac Dual-Bootable OnlyDisk uses the default driver of the operating system and requires no driver installation on Windows Me/2000/XP, Mac OS 9.x/Mac OS X and Linux 2.4.x. It is required to install the driver on Windows 98 in both "FD" and "HD" mode.

Installation in "FD" mode:

1. Boot Windows 98;
2. Insert the CD-ROM into CD-ROM drive;
3. Remove the cap of Dual-Bootable OnlyDisk and switch it to "FD". Please plug it into the USB port of the PC directly or through the attached USB cable.
4. Click "Next" button in the New Hardware wizard.
5. Select "Search for the best driver for your device" and click "Next".
6. Select "CD-ROM drive" and click "Next".
7. The system would automatically detect the driver. Please simply select "Next" in the following steps.


Installation in "HD" mode:

The driver installation in "HD" mode is same as it is in "FD" mode. However, please do to unplug Dual-Bootable OnlyDisk and switch the Mode Switch to "HD" before the installation.

Storage Operation


Windows 98/Me/2000/XP

1. Boot your computer.
2. Switch Dual-Bootable OnlyDisk to either "FD" or "HD" mode. Connect it with the USB port of the PC directly or through the USB cable. If the LED is on, it indicates Dual-Bootable OnlyDisk is connected and enabled.
3. Double click "My Computer", you would find a new icon representing Dual-Bootable OnlyDisk. Generally, the letter is biggest of current floppy drives (in "FD" mode) or hard drives (in "HD" mode).

A new icon  would display at the bottom-right corner on Windows Me/2000/XP representing Dual-Bootable OnlyDisk.

4. Now you can use Dual-Bootable OnlyDisk like a traditional floppy/hard disk. The LED is blinking while Dual-Bootable OnlyDisk is being read or written, and stops blinking when finished.
5. To unplug Dual-Bootable OnlyDisk, please choose one of the following methods according to your operating system:

Windows 98: You can unplug Dual-Bootable OnlyDisk from the USB port directly if the LED stops blinking. The icon would disappear automatically.

Windows Me/2000/XP: Click the icon  at the bottom-right corner, and appears the dialog "Stop TEAC USB Floppy-Drive" (in "FD" mode) or "Stop USB Mass Storage Device-Drive" (in "HD" mode). Click the menu, and a wizard appears telling you the device can be safely removed. Click "OK" to close the window and unplug the Dual-Bootable OnlyDisk.

Mac OS 9.x/Mac OS X

1. Boot your system to Mac OS 9.x/Mac OS X.
2. Switch Dual-Bootable OnlyDisk to either "FD" or "HD" mode. Connect it with the USB port of your Mac computer directly or through the USB cable. A new icon named "Untitled" would display on the desktop representing Dual-Bootable OnlyDisk. Now you can enjoy using Dual-

Bootable OnlyDisk, just like using a traditional floppy/hard disk.

3. Before removing Dual-Bootable OnlyDisk from USB port, please drag its icon to Trash.

Linux 2.4.x

Dual-Bootable OnlyDisk can presently work on any issued Linux version of Linux kernel 2.4 in "HD" mode. Remember that the Linux kernel should be added both characters supporting the USB and USB FILE SYSTEM before Dual-Bootable OnlyDisk working.

1. Boot your computer.
2. Switch Dual-Bootable OnlyDisk to "HD" mode and connect it to the USB port.
3. Enter the system by user ID "root" and input the command: Mount /dev/sda /mnt as an image file and stores it to an appointed position. Presently the tool software can work on
4. Input the command "Umount / mnt " before unplugging the Dual-Bootable OnlyDisk.

Tool Software

What is the tool software?

Netac supplies you the tool software to ease your use of Dual-Bootable OnlyDisk. "Dual-Bootable OnlyDisk Format Tool" can format your Dual-Bootable OnlyDisk if necessary and make it into USB boot disk; "Netac Floppy Disk Backup Tool" backups files on the "FD" portion as an image file and stores it to an appointed position. Presently the tool software can work on Windows 98/Me/2000/XP.

Tool Software Installation

Just double-click the file "setup.exe" under the directory "\Dual-Bootable OnlyDisk\Tools" in the attached CD-ROM and simply follow up the prompt dialogs, both of the tool software would be installed at the same time.

How to Use the tool software?

To operate on Dual-Bootable OnlyDisk with tool software, please ensure Dual-Bootable OnlyDisk is not in use by other applications.

Netac Dual-Bootable OnlyDisk Format Tool

Please enter "Netac Dual-Bootable OnlyDisk Format Tool" from the menu [Start]-[Programs]-[Netac Dual-Bootable OnlyDisk] and a wizard appears for you to choose the operation.

This tool software provides three functions as below:

● Formatting Dual-Bootable OnlyDisk

1. Switch Dual-Bootable OnlyDisk to mode "HD" and plug it into the USB port.

2. Select the operation "Format OnlyDisk Physically" and click "BEGIN".

Both "FD" and "HD" portion of Dual-Bootable OnlyDisk will be formatted in this step.

Note: Please replug Dual-Bootable OnlyDisk after each formatting for continual use.

● Making USB Boot Floppy Disk

1. Switch Dual-Bootable OnlyDisk to mode "FD" and plug it into the USB port.

2. Select the item "Make USB Boot Floppy Disk" and select the disk letter in the bar "Disk Selection". Click "BEGIN" and the tool software starts to make the "FD" portion of Dual-Bootable OnlyDisk into a USB floppy disk supporting BIOS booting.

Note: Please replug the Dual-Bootable OnlyDisk after making USB boot floppy disk.

● Making USB Boot Hard Disk

1. Switch Dual-Bootable OnlyDisk to mode "HD" and plug it into the USB port.

2. Select the operation "Make USB Boot Hard Disk" and select the disk letter in the bar "Disk Selection". Click "BEGIN" and the tool software starts to make the "HD" portion Dual-Bootable OnlyDisk into a USB hard disk supporting BIOS booting.

Note:

- 1) Please replug Dual-Bootable OnlyDisk after each formatting.
- 2) At each plug for Dual-Bootable OnlyDisk, please click the arrowhead at the bar "Disk Selection" to refresh the disk letter.

Netac Floppy Disk Backup Tool

Please switch Dual-Bootable OnlyDisk to "FD" and connect it to the USB port of computer. Select the icon of "Netac Floppy Disk Backup Tool" from the menu [Start]-[Program]-[Netac Dual-Bootable OnlyDisk], and appears the operation wizard. The system would automatically detect and list all the present disk letters in the wizard. Please select the disk letter representing Dual-Bootable OnlyDisk.

● Backup Files

Select option "Read Disk". Either input the name and path of the file directly in the bar "FileName" or appoint the backup path through "Browse". Click "BEGIN" and an image file sized 1.44M would created in the appointed folder.

● Restore Files

Select option "Write Disk". Either input the name of the image file or select through "Browse". Click "BEGIN" and the backup would be restored onto the Bootable OnlyDisk.

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System Booting

Boot from "FD"

Dual-Bootable OnlyDisk in "FD" mode supports booting as default. Before booting the system, please confirm following operations are conducted:

- "First Boot Device" of BIOS is set as "USB FDD"
- Dual-Bootable OnlyDisk is switched to "FD"

Boot from "HD"

Having made Dual-Bootable OnlyDisk into USB hard boot disk, you may boot the system from "HD" with following operations conducted:

- "First Boot Device" of BIOS is set as "USB HDD"
- Dual-Bootable OnlyDisk is switched to "HD"

Remark:

- 1) The mode of Dual-Bootable OnlyDisk cannot be switched directly. The correct step is to unplug-switch-plug Dual-Bootable OnlyDisk.
- 2) Never unplug the Dual-Bootable OnlyDisk from the USB port while its LED is blinking. Otherwise the inside data would be damaged.
- 3) Since the operation system itself needs some time to react, please remain about 5 seconds before operating on Dual-Bootable OnlyDisk at each plug-in, and unplug it about 5 seconds later than its LED stops blinking.
- 4) The LED may blink slowly even while the Dual-Bootable OnlyDisk is not working on Windows XP. Because the system regularly detects the work state of Dual-Bootable OnlyDisk and causes data transfer.
- 5) The Dual-Bootable OnlyDisk has the function of restoring misdeletion. Please empty the Recycle Bin of the Dual-Bootable OnlyDisk to get full storage room.
- 6) The Windows 98 mentioned in this user's guide refers to the first and the second Edition of Windows 98.
- 7) Windows is a registered trademark of Microsoft Corp. Mac is a registered trademark of Apple Computer Inc. Linux is a registered trademark of Linus Torvalds.
- 8) Dual-Bootable OnlyDisk is not guaranteed to work properly on any computer. Netac Technology Co., Ltd. is not responsible for any loss arising out of using Dual-Bootable OnlyDisk. The governing laws for this product are laws of People's Republic of China.

Specifications

Computer:	IBM PC, Compatible Desktop/Notebook or Mac computer with USB port
Operating System:	Windows 98/Me/2000/XP, Mac OS 9.x/Mac OS X, Linux 2.4.x
BIOS:	Award 6.0, Phoenix 4.0, IBM 1.15, AMI (Version of 20/7/2000) or above
Power Supply:	USB bus-powered (4.5V ~ 5.5V)
Capacity:	16MB ~ 256MB
USB Host Interface:	Universal Serial Bus, USB Specifications 1.1 UHCI (Universal Host Controller Interface) OHCI (Open Host Controller Interface)
Operating Current:	< 80mA
Suspend Current:	< 500uA
Write Protection:	Yes, with write protection switch
Build-in LED:	LED on: Dual-Bootable OnlyDisk connected and inactive LED Blinking: Dual-Bootable OnlyDisk transmitting / receiving data
Operating Temperature:	-40°C ~ +70°C
Storage Temperature:	-50°C ~ +80°C
Relative Humidity under Operating*	10% ~ 90%
Relative Humidity under Storage*	5% ~ 95%
Dimensions (L x W x H):	80mm x 25mm x 11mm
Weight:	16g (approximate)
EMC Compliance	FCC (class B), CE

* For reference only. Netac reserve the rights to make changes on any specification without prior notice.

** Dual-Bootable OnlyDisk's total capacity is 16MB-128MB: as a floppy boot disk, the capacity is 1.44MB; as a large capacity disk, the capacity equals to total capacity subtract 1.44MB.

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