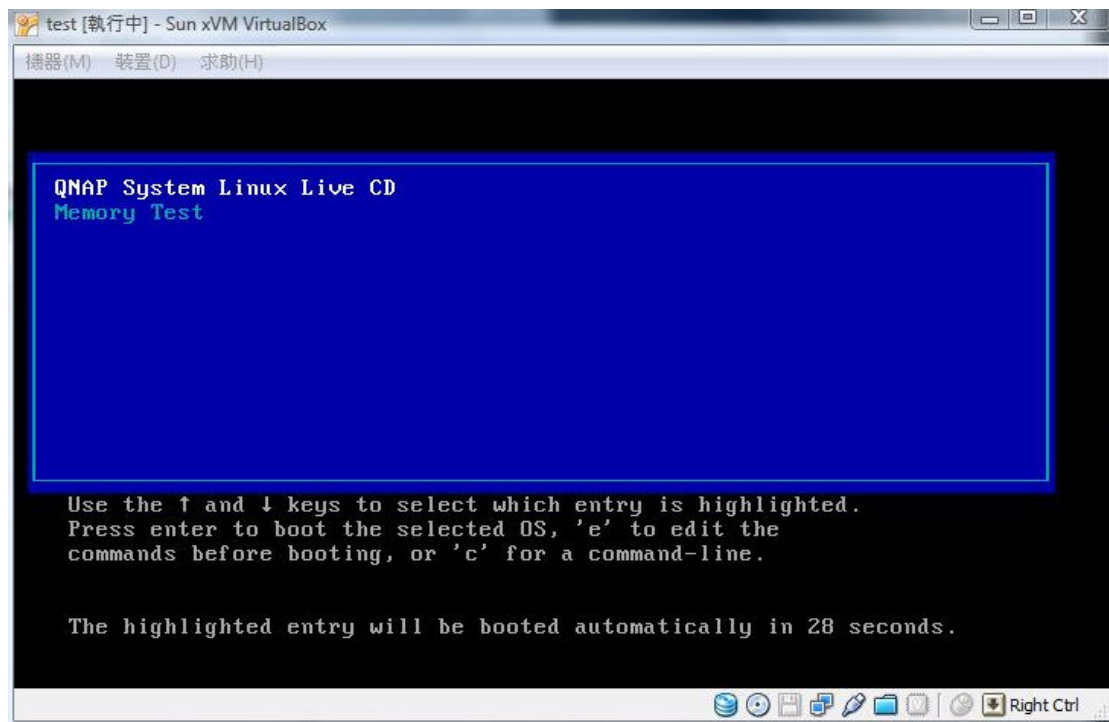


1. Create a boot CD from this .iso file
2. Connect the hard disk from TS-109/209 to your computer via direct SATA connection, or USB external box.
3. Reboot your computer and change primary booting device to CD. Save and exit.



4. Upon rebooting is completed, enter User name = `root` and password = `root`

```

test [執行中] - Sun xVM VirtualBox
機器(M) 裝置(D) 求助(H)
* Mounting local filesystems... [ OK ]
* Activating swapfile swap... [ OK ]
* Checking minimum space in /tmp... [ OK ]
* Skipping firewall: ufw (not enabled)... [ OK ]
* Configuring network interfaces... [ OK ]
* Setting up console font and keymap... [ OK ]
* Starting system log daemon... [ OK ]
* Starting kernel log daemon... [ OK ]
* Starting DNS forwarder and DHCP server dnsmasq [ OK ]
* Starting OpenBSD Secure Shell server sshd [ OK ]
* Starting internet superserver inetd [ OK ]
* Starting MD monitoring service mdadm --monitor [ OK ]
* Starting deferred execution scheduler atd [ OK ]
* Starting periodic command scheduler crond [ OK ]
* Running local boot scripts (/etc/rc.local) [ OK ]
Qnap-system.technology login:
Login timed out after 60 seconds.
Qnap-system.technology login: root
Password:
Linux Qnap-system.technology 2.6.24.6-qnap #1 SMP Thu Jan 15 18:01:12 CST 2009 i
686
QNAP Linux Recovery System
root@Qnap-system:~# _

```

5. Use the following command to find out which device is the TS-109/209 hard disk

`fdisk -l`

```

test [執行中] - Sun xVM VirtualBox
機器(M) 裝置(D) 求助(H)
devshm          192688      0    192688      0% /dev/shm
tmpfs           192688      0    192688      0% /tmp
/dev/sdb3       152704740  10571772  142132968   7% /media
/dev/sda1       15603680    665056    14152244   5% /mnt
root@Qnap-system:/mnt# fdisk -l

Disk /dev/sda: 16.1 GB, 16106127360 bytes
255 heads, 63 sectors/track, 1958 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Disk identifier: 0xe25be3e5

   Device Boot      Start         End      Blocks   Id  System
/dev/sda1            1          1958    15727603+  83  Linux

Disk /dev/sdb: 160.0 GB, 160041885696 bytes
255 heads, 63 sectors/track, 19457 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Disk identifier: 0xd7466b0e

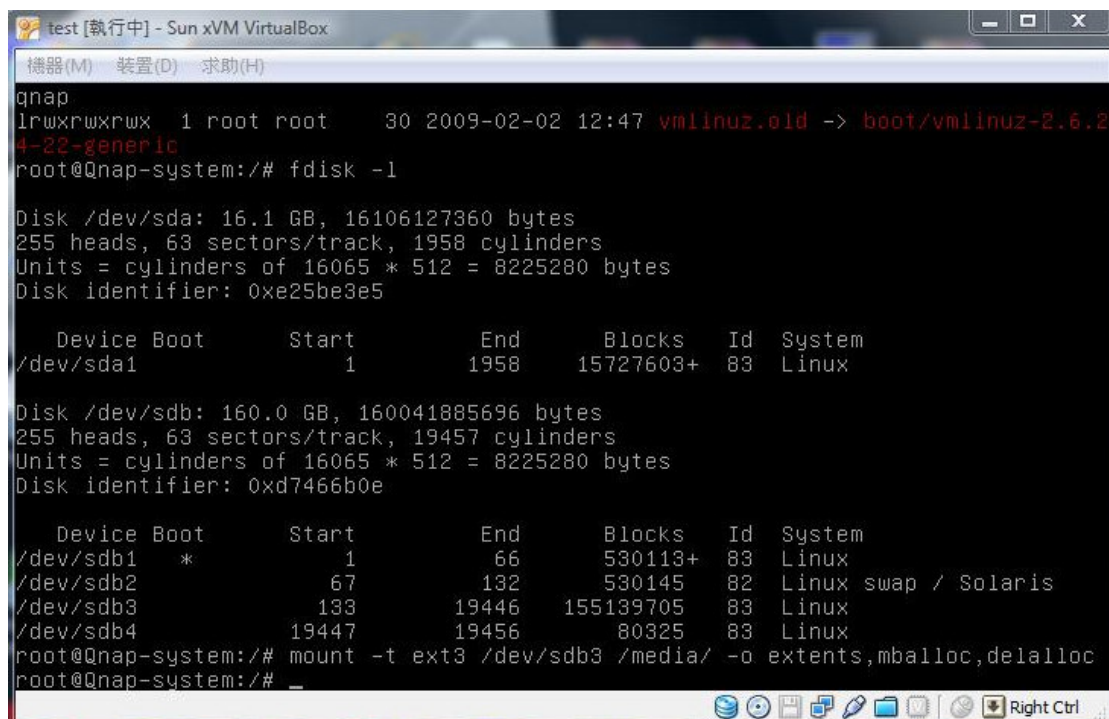
   Device Boot      Start         End      Blocks   Id  System
/dev/sdb1    *           1           66     530113+   83  Linux
/dev/sdb2            67          132     530145   82  Linux swap / Solaris
/dev/sdb3           133         19446   155139705  83  Linux
/dev/sdb4           19447         19456     80325   83  Linux
root@Qnap-system:/mnt# _

```

In this case, /dev/sdb is the TS-109/209 hard disk. /dev/sdb3 is where the data is.

6. Mount the data partition /dev/sdb3 on /media

```
mount -t ext3 /dev/sdb3 /media/ -o extents,mballoc,delalloc
```



```
test [執行中] - Sun xVM VirtualBox
機器(M) 裝置(D) 求助(H)
qnap
lrwxrwxrwx 1 root root 30 2009-02-02 12:47 vmlinuz.old -> boot/vmlinuz-2.6.24-22-generic
root@Qnap-system:/# fdisk -l

Disk /dev/sda: 16.1 GB, 16106127360 bytes
255 heads, 63 sectors/track, 1958 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Disk identifier: 0xe25be3e5

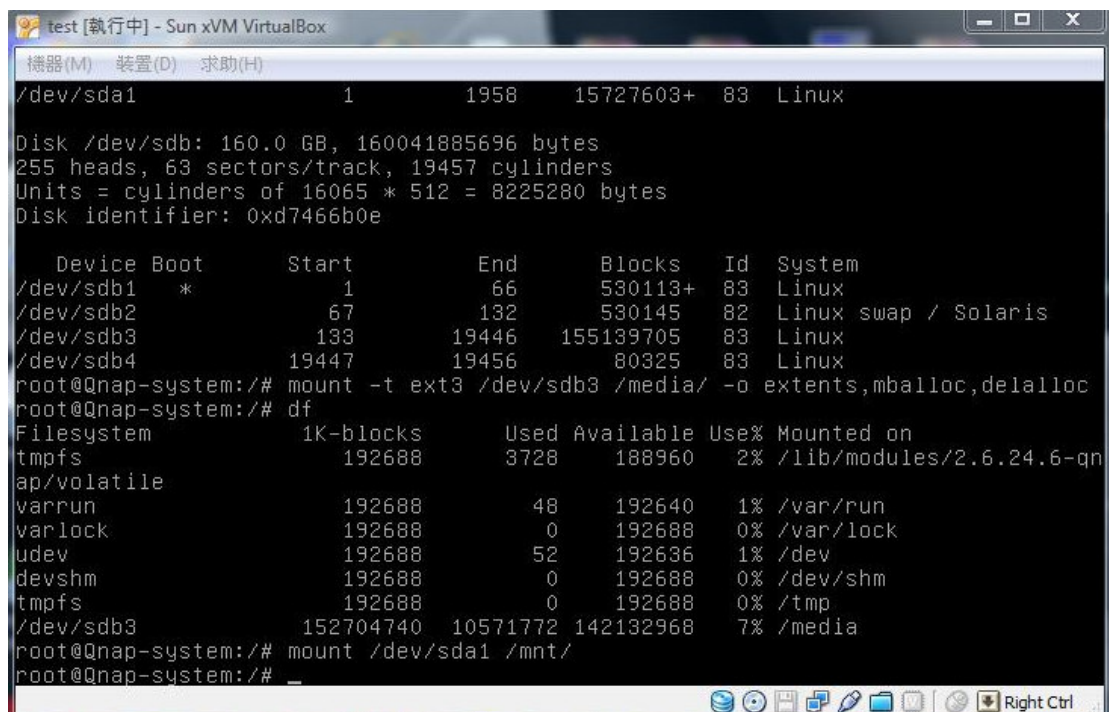
   Device Boot      Start         End      Blocks   Id  System
/dev/sda1            1          1958    15727603+  83  Linux

Disk /dev/sdb: 160.0 GB, 160041885696 bytes
255 heads, 63 sectors/track, 19457 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Disk identifier: 0xd7466b0e

   Device Boot      Start         End      Blocks   Id  System
/dev/sdb1            *            1            66     530113+  83  Linux
/dev/sdb2                67          132     530145   82  Linux swap / Solaris
/dev/sdb3            133         19446   155139705  83  Linux
/dev/sdb4           19447         19456     80325   83  Linux
root@Qnap-system:/# mount -t ext3 /dev/sdb3 /media/ -o extents,mballoc,delalloc
root@Qnap-system:/# _
```

7. Mount the hard disk inside your computer so that you can copy data to it.

```
mount /dev/sda1 /mnt/
```



```
test [執行中] - Sun xVM VirtualBox
機器(M) 裝置(D) 求助(H)
/dev/sda1            1          1958    15727603+  83  Linux

Disk /dev/sdb: 160.0 GB, 160041885696 bytes
255 heads, 63 sectors/track, 19457 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Disk identifier: 0xd7466b0e

   Device Boot      Start         End      Blocks   Id  System
/dev/sdb1            *            1            66     530113+  83  Linux
/dev/sdb2                67          132     530145   82  Linux swap / Solaris
/dev/sdb3            133         19446   155139705  83  Linux
/dev/sdb4           19447         19456     80325   83  Linux
root@Qnap-system:/# mount -t ext3 /dev/sdb3 /media/ -o extents,mballoc,delalloc
root@Qnap-system:/# df
Filesystem            1K-blocks    Used Available Use% Mounted on
tmpfs                  192688        3728   188960    2% /lib/modules/2.6.24.6-qn
ap/volatile
varrun                 192688         48   192640    1% /var/run
varlock                192688          0   192688    0% /var/lock
udev                  192688         52   192636    1% /dev
devshm                 192688          0   192688    0% /dev/shm
tmpfs                  192688          0   192688    0% /tmp
/dev/sdb3              152704740 10571772 142132968  7% /media
root@Qnap-system:/# mount /dev/sda1 /mnt/
root@Qnap-system:/# _
```

8. Use the command `df` you should be able to see both devices are mounted.

```

test [執行中] - Sun xVM VirtualBox
機器(M) 裝置(D) 求助(H)
/dev/sdb4          19447      19456      80325      83 Linux
root@Qnap-system:/# mount -t ext3 /dev/sdb3 /media/ -o extents,malloc,delalloc
root@Qnap-system:/# df
Filesystem          1K-blocks      Used Available Use% Mounted on
tmpfs                192688          3728    188960    2% /lib/modules/2.6.24.6-qn
ap/volatile
varrun              192688           48    192640    1% /var/run
varlock             192688           0    192688    0% /var/lock
udev                192688           52    192636    1% /dev
devshm              192688           0    192688    0% /dev/shm
tmpfs                192688           0    192688    0% /tmp
/dev/sdb3           152704740 10571772 142132968    7% /media
root@Qnap-system:/# mount /dev/sda1 /mnt/
root@Qnap-system:/# df
Filesystem          1K-blocks      Used Available Use% Mounted on
tmpfs                192688          3740    188948    2% /lib/modules/2.6.24.6-qn
ap/volatile
varrun              192688           48    192640    1% /var/run
varlock             192688           0    192688    0% /var/lock
udev                192688           52    192636    1% /dev
devshm              192688           0    192688    0% /dev/shm
tmpfs                192688           0    192688    0% /tmp
/dev/sdb3           152704740 10571772 142132968    7% /media
/dev/sda1            15603680    169592  14647708    2% /mnt
root@Qnap-system:/# _

```

9. You are ready to copy your data now.

Enter the directory where your files will be copied to.

```
cd /mnt
```

You can then use the following command to copy everything inside your cht_office_2003_pro folder into /mnt, including the files inside the sub_directories

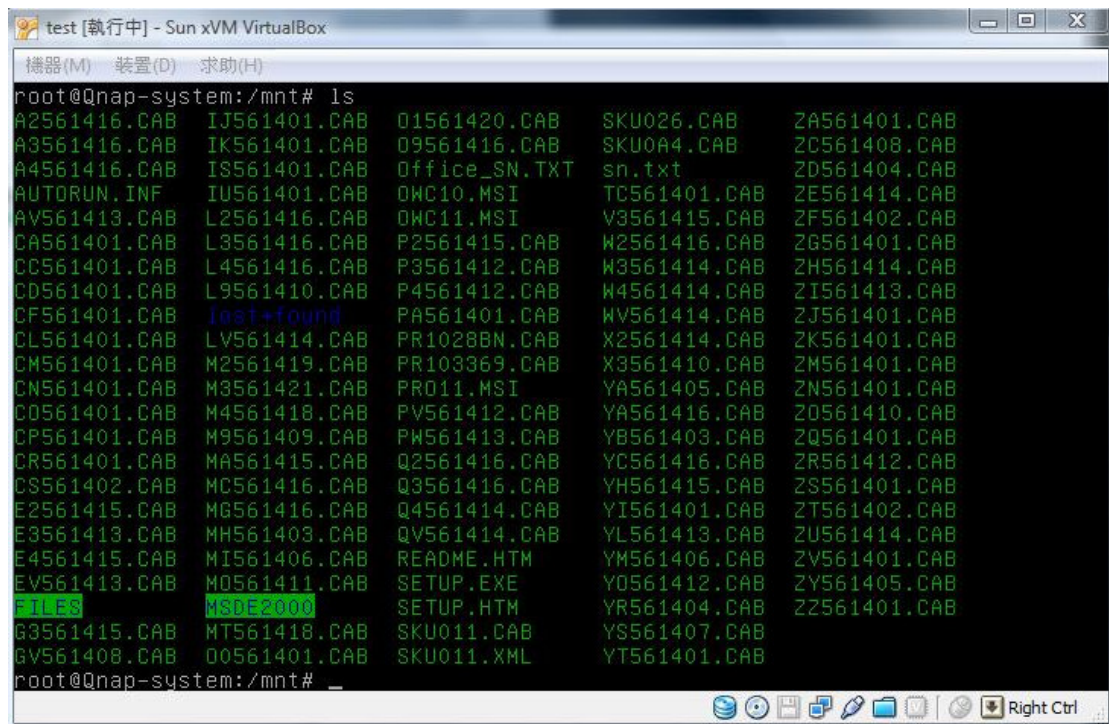
```
rsync -rav /media/Public/cht_office_2003_pro .
```

```

test [執行中] - Sun xVM VirtualBox
機器(M) 裝置(D) 求助(H)
/dev/sdb3          152704740 10571772 142132968    7% /media
root@Qnap-system:/# mount /dev/sda1 /mnt/
root@Qnap-system:/# df
Filesystem          1K-blocks      Used Available Use% Mounted on
tmpfs                192688          3740    188948    2% /lib/modules/2.6.24.6-qn
ap/volatile
varrun              192688           48    192640    1% /var/run
varlock             192688           0    192688    0% /var/lock
udev                192688           52    192636    1% /dev
devshm              192688           0    192688    0% /dev/shm
tmpfs                192688           0    192688    0% /tmp
/dev/sdb3           152704740 10571772 142132968    7% /media
/dev/sda1            15603680    169592  14647708    2% /mnt
root@Qnap-system:/# cd /media
root@Qnap-system:/media# ls
aquota.user  Public  Qmultimedia  Qusb
lost+found  Qdownload  Qrecordings  Qweb
root@Qnap-system:/media# cd ..
root@Qnap-system:/# cd /mnt
root@Qnap-system:/mnt# ls -al
total 20
drwxrwxrwx  3 nobody nogroup  4096 2009-02-20 17:50 .
drwxr-xr-x 27 root    root    160 2009-02-20 17:37 ..
drwx-----  2 root    root    16384 2009-02-20 17:25 lost+found
root@Qnap-system:/mnt# rsync -rav /media/Public/cht_office_2003_pro/ .

```

10. You can check by using the command `ls` to check.



```
test [執行中] - Sun xVM VirtualBox
機器(M) 裝置(D) 求助(H)
root@Qnap-system:/mnt# ls
A2561416.CAB  IJ561401.CAB  O1561420.CAB  SKU026.CAB    ZA561401.CAB
A3561416.CAB  IK561401.CAB  O9561416.CAB  SKU0A4.CAB    ZC561408.CAB
A4561416.CAB  IS561401.CAB  Office_SN.TXT sn.txt        ZD561404.CAB
AUTDRUN.INF  IU561401.CAB  QWC10.MSI     TC561401.CAB  ZE561414.CAB
AV561413.CAB  L2561416.CAB  QWC11.MSI     V3561415.CAB  ZF561402.CAB
CA561401.CAB  L3561416.CAB  P2561415.CAB  W2561416.CAB  ZG561401.CAB
CC561401.CAB  L4561416.CAB  P3561412.CAB  W3561414.CAB  ZH561414.CAB
CD561401.CAB  L9561410.CAB  P4561412.CAB  W4561414.CAB  ZI561413.CAB
CF561401.CAB  test+found    PA561401.CAB  WV561414.CAB  ZJ561401.CAB
CL561401.CAB  LV561414.CAB  PR1028BN.CAB  X2561414.CAB  ZK561401.CAB
CM561401.CAB  M2561419.CAB  PR103369.CAB  X3561410.CAB  ZM561401.CAB
CN561401.CAB  M3561421.CAB  PRO11.MSI     YA561405.CAB  ZN561401.CAB
CO561401.CAB  M4561418.CAB  PV561412.CAB  YA561416.CAB  ZO561410.CAB
CP561401.CAB  M9561409.CAB  PW561413.CAB  YB561403.CAB  ZQ561401.CAB
CR561401.CAB  MA561415.CAB  Q2561416.CAB  YC561416.CAB  ZR561412.CAB
CS561402.CAB  MC561416.CAB  Q3561416.CAB  YH561415.CAB  ZS561401.CAB
E2561415.CAB  MG561416.CAB  Q4561414.CAB  YI561401.CAB  ZT561402.CAB
E3561413.CAB  MH561403.CAB  QV561414.CAB  YL561413.CAB  ZU561414.CAB
E4561415.CAB  MI561406.CAB  README.HTM    YM561406.CAB  ZV561401.CAB
EV561413.CAB  M0561411.CAB  SETUP.EXE     Y0561412.CAB  ZY561405.CAB
FILES         MSDE2000      SETUP.HTM     YR561404.CAB  ZZ561401.CAB
G3561415.CAB  MT561418.CAB  SKU011.CAB    YS561407.CAB
GV561408.CAB  O0561401.CAB  SKU011.XML    YT561401.CAB
root@Qnap-system:/mnt# _
```