FOLDING@HOME
HTTP://FOLDING.STANFORD.EDU/

HOW TO USE MULTI-GPU CLIENTS RUN IN A PC ?

By Ryan chiu

Loopback preparation

- 1. three 68 Ω resistors
- 2. DVI to D-sub adaptor
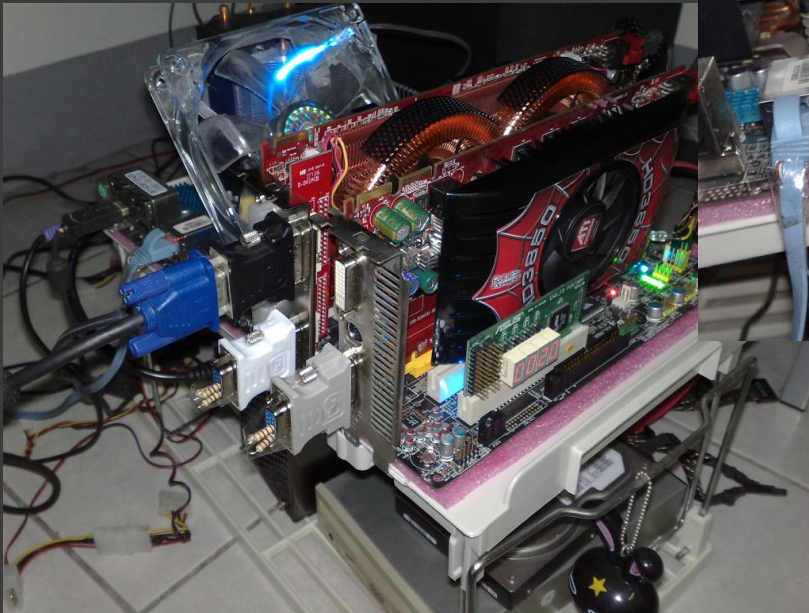
Three resistors put in DVI adaptor holes.

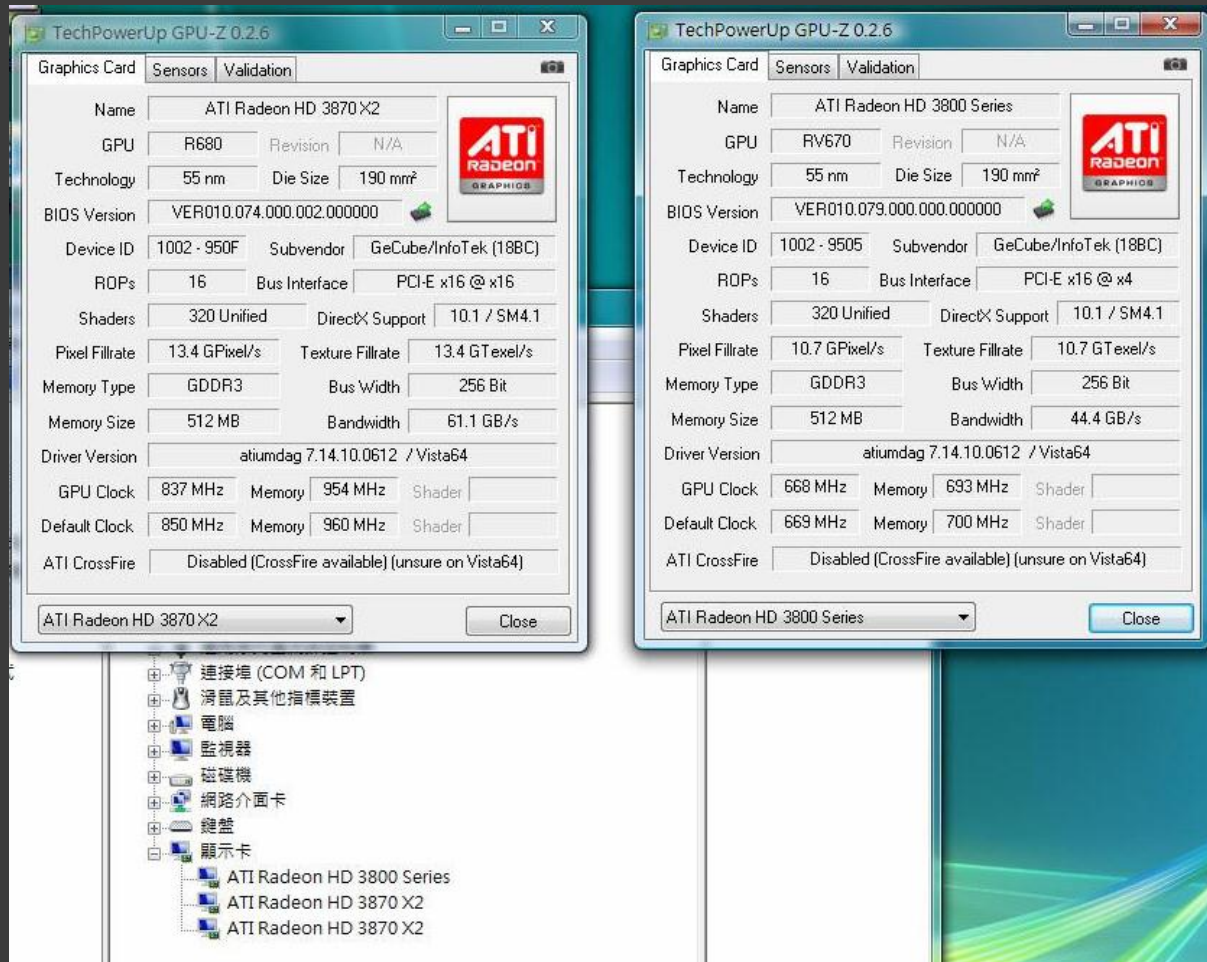Use tape seal to fix the resistors for fear of coming off.

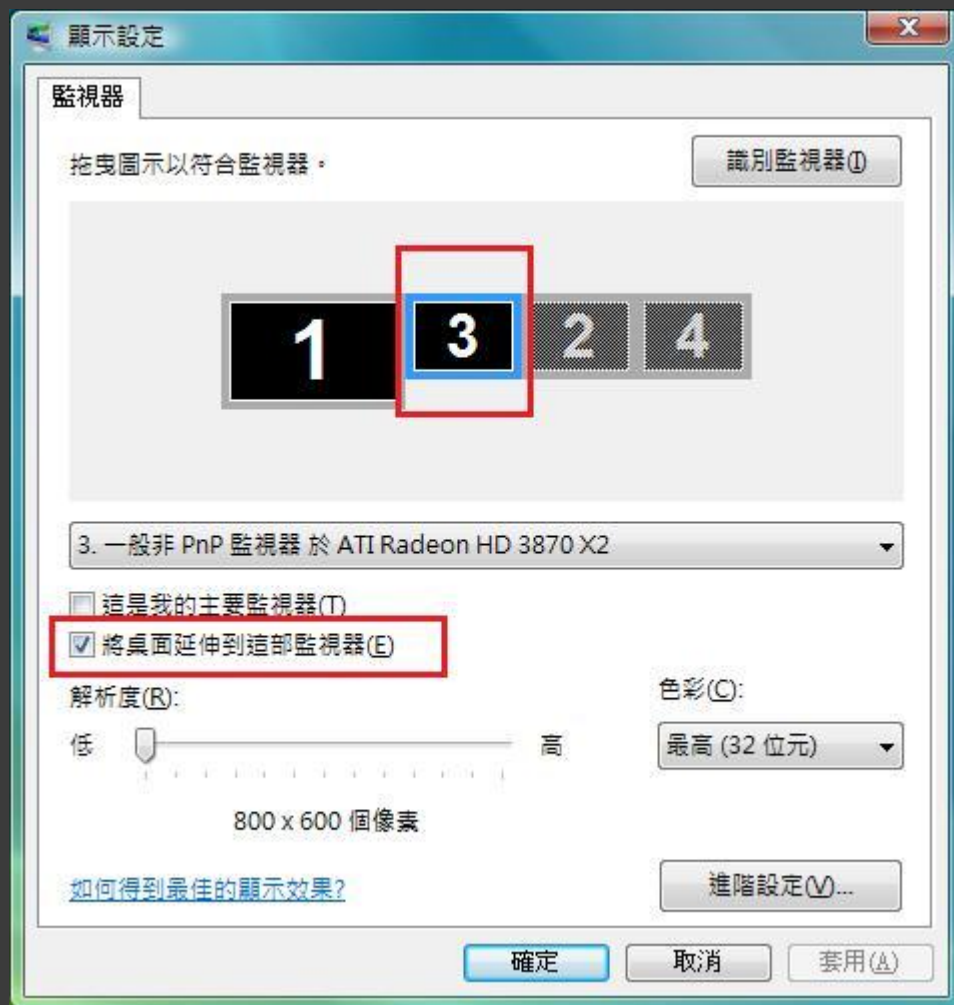# Connect VGA to adaptor except for linked monitor.

ATI VGA demonstration
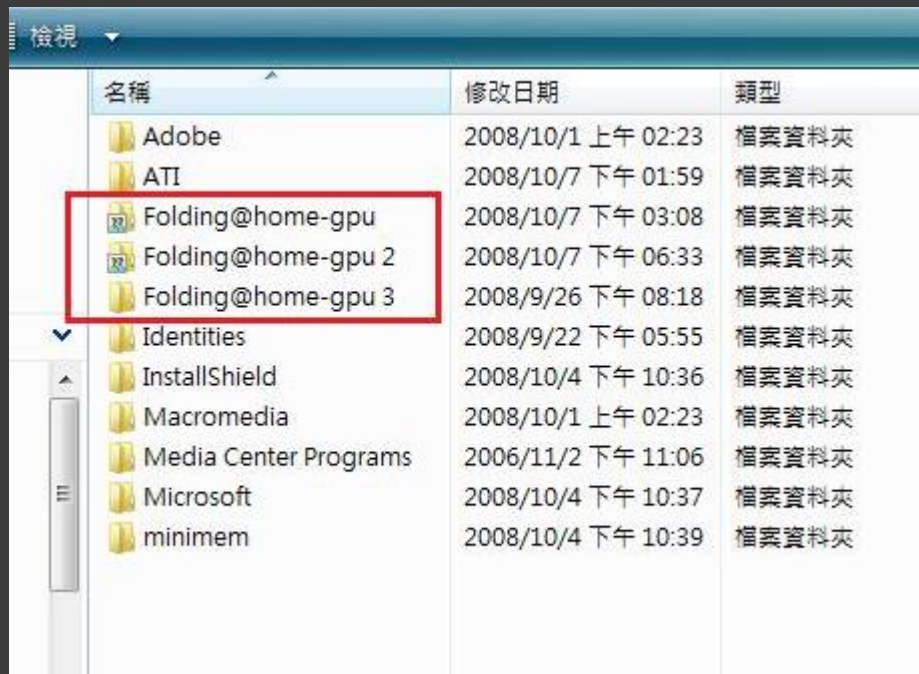Confirm all VGA drivers are installed.

Disable the CrossfireX function.

Enable all extend screens.

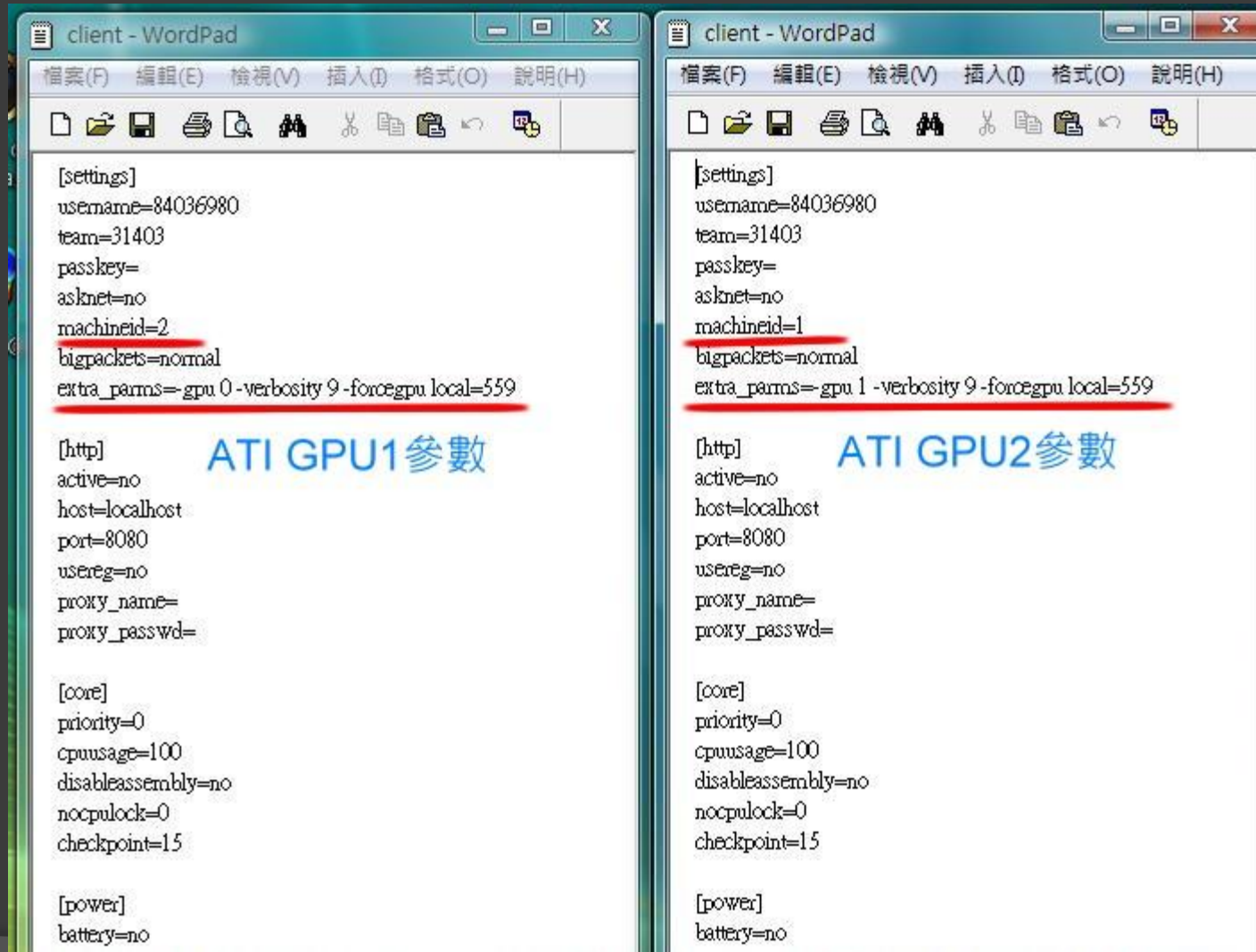# Copy three folding@home folders for three GPU.
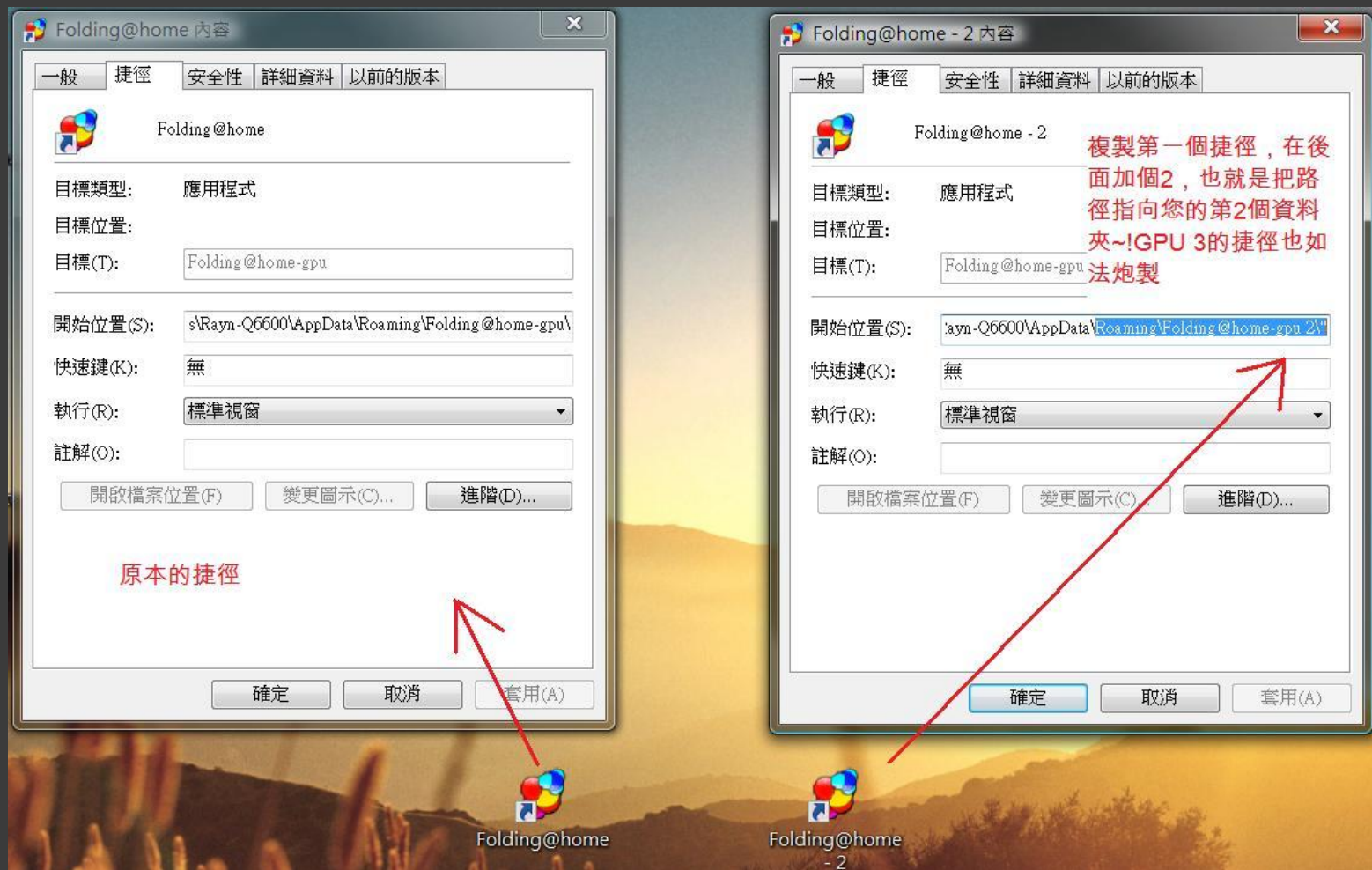
Delete all files except for red circle files.

名稱	修改日期	類型
work	2008/10/8 下午 10:...	檔案資料夾
amdcalcl.dll	只留這4個檔~其他都不用留	
amdcalrt.dll		
client.cfg		
cudart.dll		
FahCore_11.exe	2008/9/30 下午 02:...	應用程式
FAHlog.txt	2008/10/8 下午 10:...	文字文件
MyFolding.html	2008/10/7 下午 02:...	Firefox Document
queue.dat	2008/10/8 下午 10:...	DAT 檔案
unitinfo.txt	2008/10/8 下午 10:...	文字文件

1. Use WordPad to open the client.cfg
2. Edit parameter is as below.

Left window — client - WordPad

```
[settings]
username=84036980
team=31403
passkey=
asknet=no
machineid=2
bigpackets=normal
extra_parms=-gpu 0 -verbosity 9 -forcegpu local=559
```

ATI GPU1參數

```
[http]
active=no
host=localhost
port=8080
usereg=no
proxy_name=
proxy_passwd=

[core]
priority=0
cpuusage=100
disableassembly=no
nocpulock=0
checkpoint=15

[power]
battery=no
```

Right window — client - WordPad

```
[settings]
username=84036980
team=31403
passkey=
asknet=no
machineid=1
bigpackets=normal
extra_parms=-gpu 1 -verbosity 9 -forcegpu local=559
```

ATI GPU2參數

```
[http]
active=no
host=localhost
port=8080
usereg=no
proxy_name=
proxy_passwd=

[core]
priority=0
cpuusage=100
disableassembly=no
nocpulock=0
checkpoint=15

[power]
battery=no
```

Create folding@home shortcut to desktop divided to two different folders.
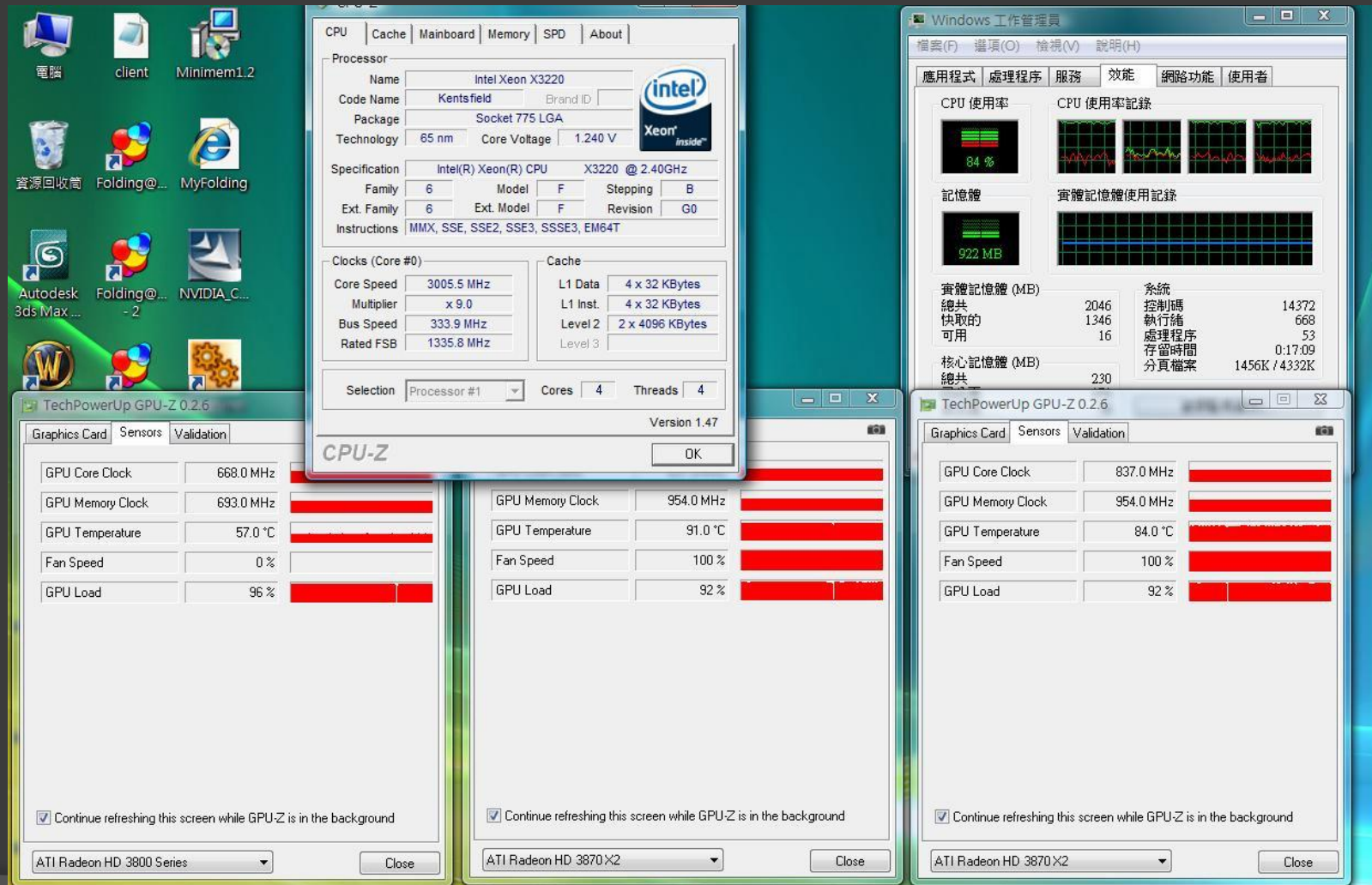
After running three folding@home to make sure every status.

To make sure every status details for temperature control.

nVidia VGA demonstration.

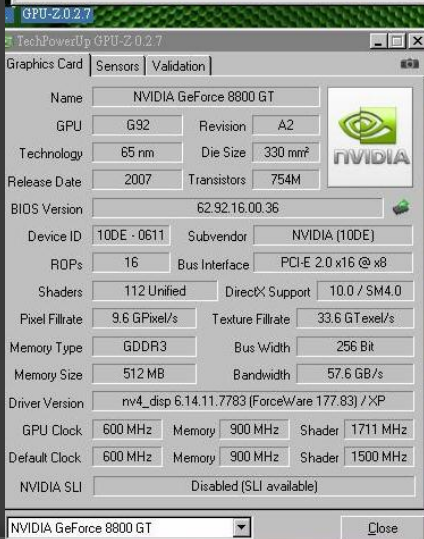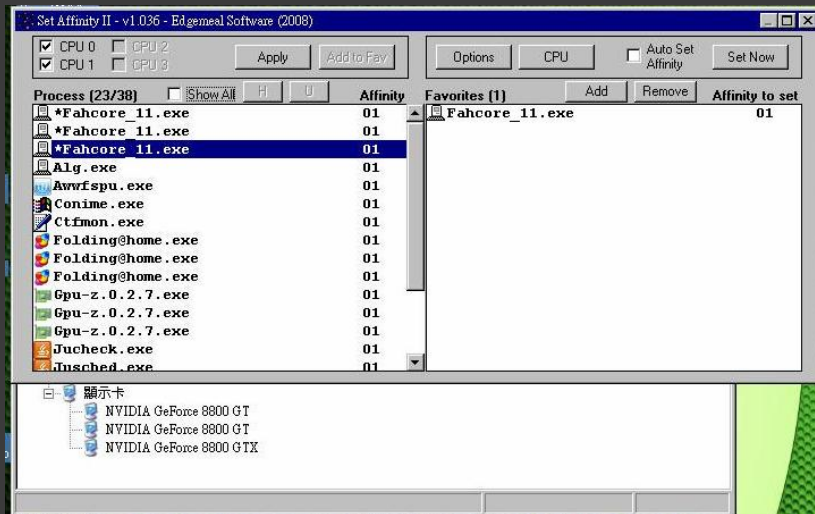The platform uses two 8800GT and one 8800GTX in windows XP OS.
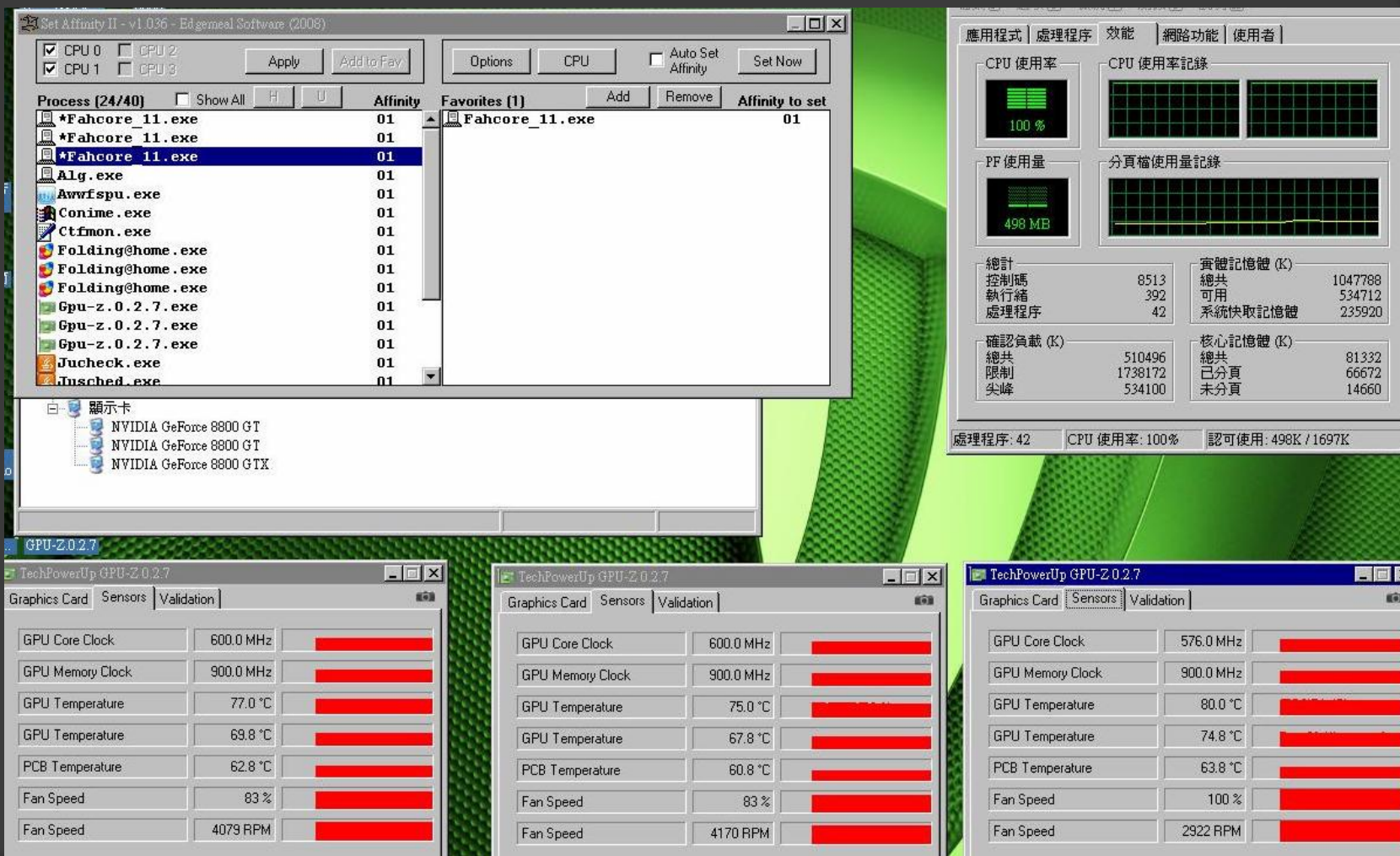
Use 12cm fan to cool down GPU temperature.

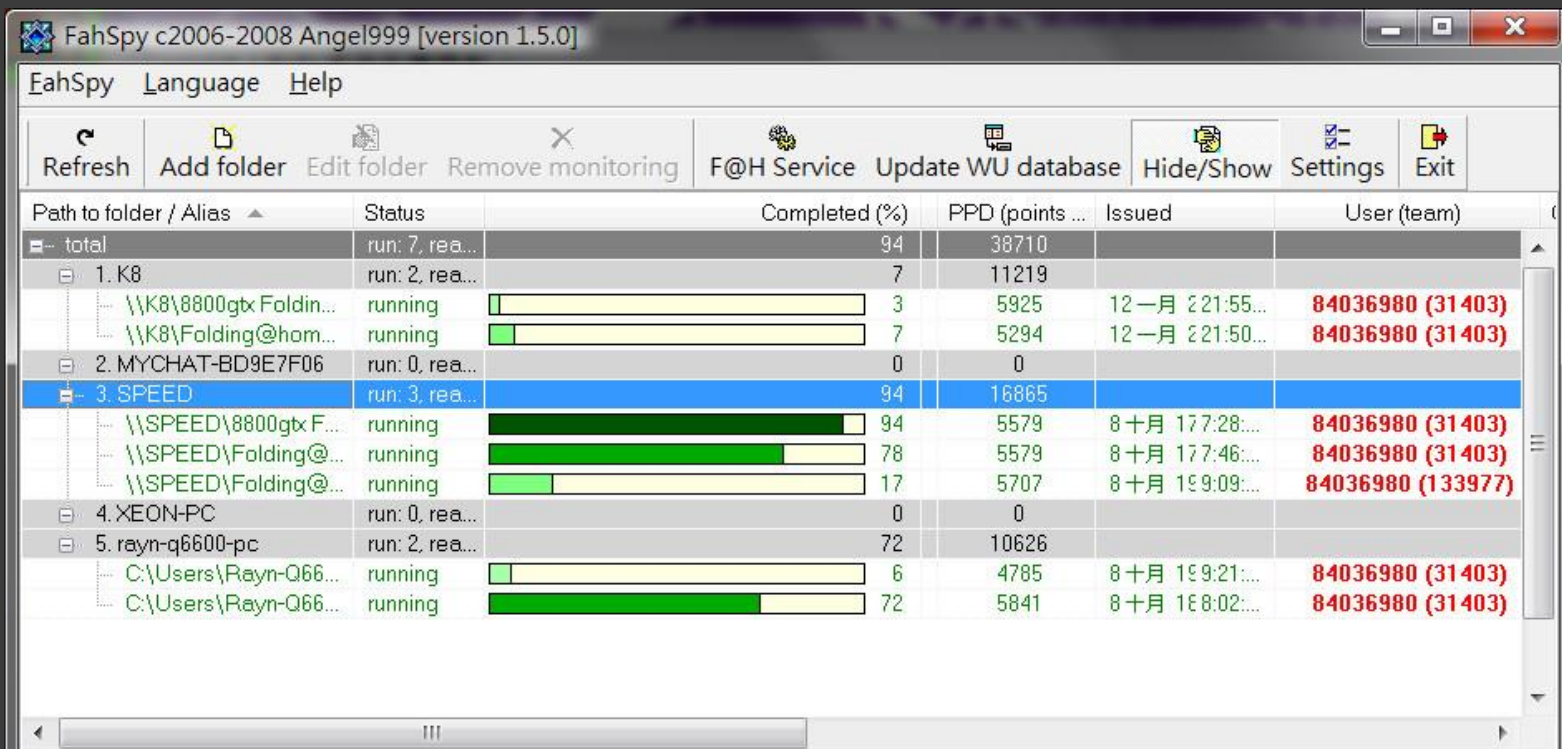# Use Set Affinity II to control three folding@ home CPU connections.

Monitor every GPU loading status.

My ID is 84036980 for folding@home.
I use night graphic cards and gain 38710 PPD(Points per day).

This is my certification of folding@home.

http://fah-web.stanford.edu/cgi-bin/main.py?qtype=userpage&username=84036980

THE END

- For more information please visit the website :
http://forum.coolaler.com/showthread.php?t=191766