



# How to Shrink a Partition on Your Hard Drive

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hmwang



# Windows

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# How to Shrink a Partition on Your Hard Drive (Windows)

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- ❑ Windows 8 / 7 / Vista user
  - Windows 內建工具
- ❑ Windows XP user
  - EaseUS Partition Master

**ATTENTION: backup your data first !**

**注意: 先備份您的重要資料!!!**

# Windows 8 / 7 / Vista user (1/4)

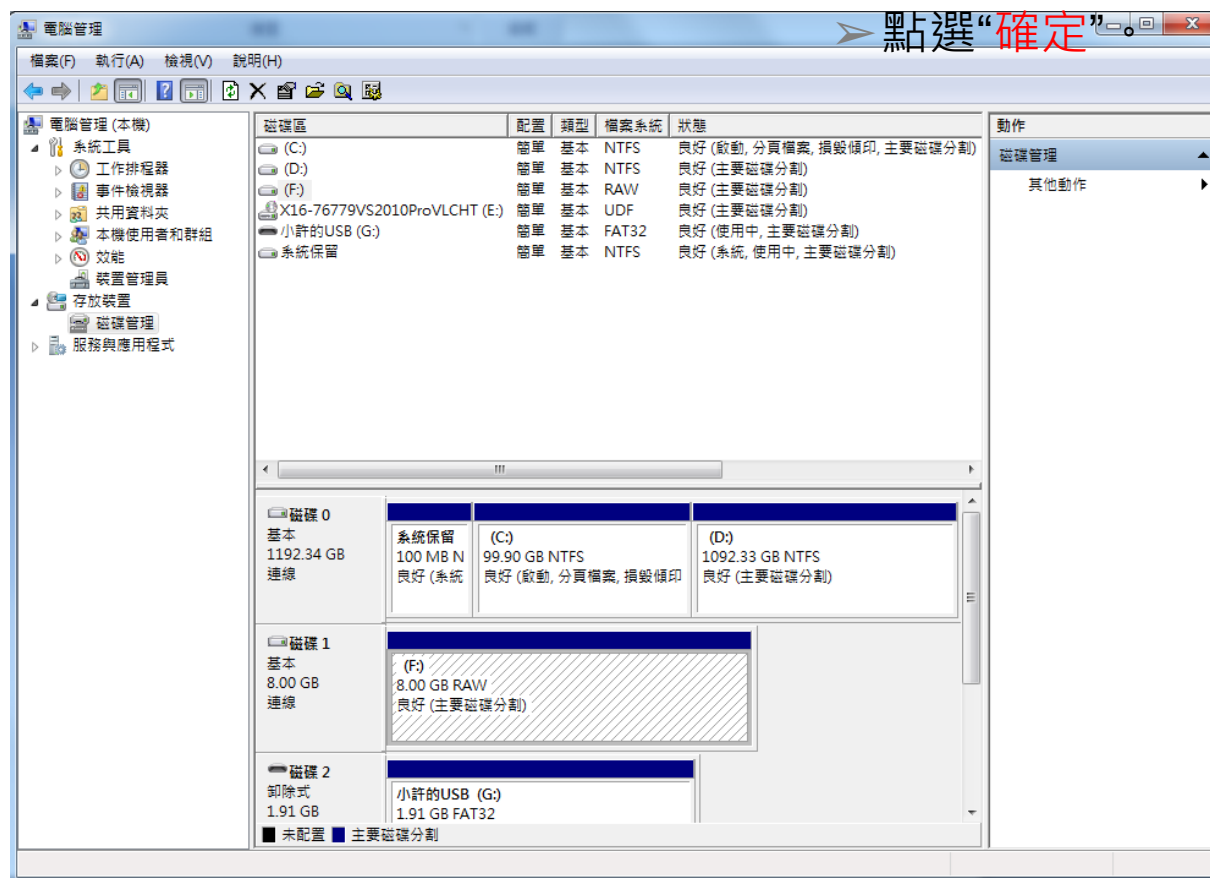
❑ 在我的電腦按右鍵

- 選擇“管理”
- 選擇“磁碟管理”。

或

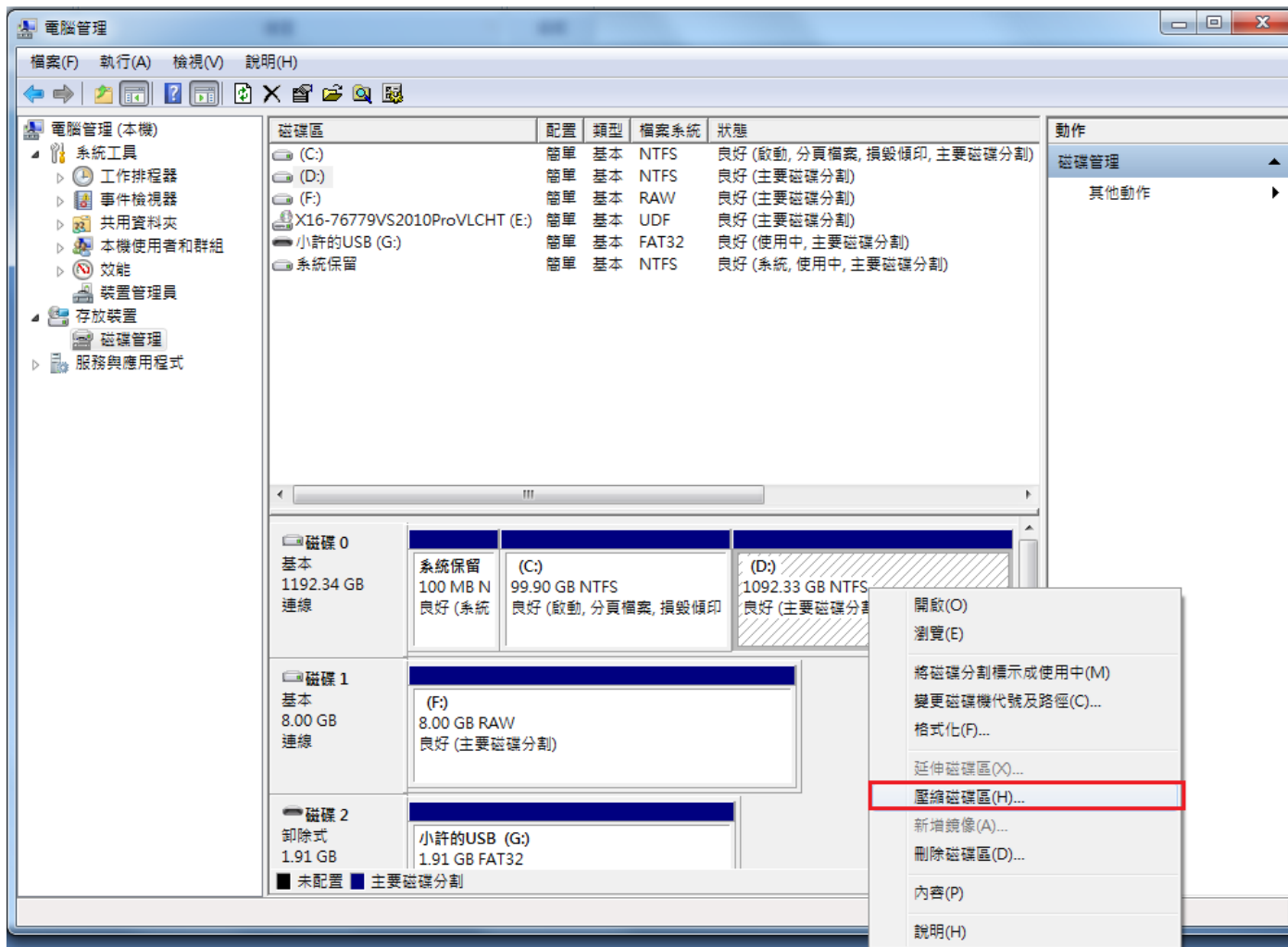
❑ WinKey  + R

- 輸入“diskmgmt.msc”



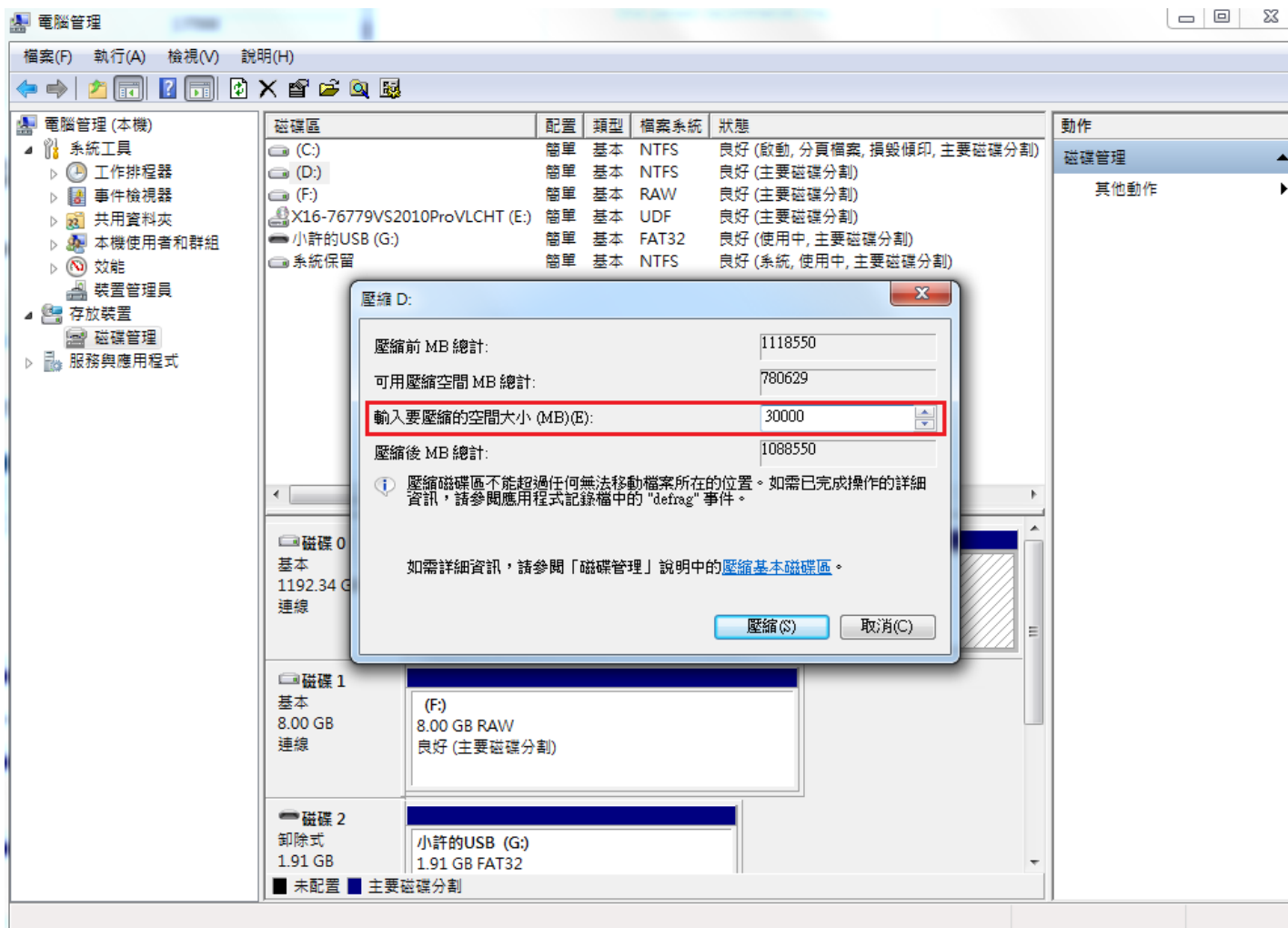
# Windows 8 / 7 / Vista user (2/4)

- ❑ 在你選擇的磁碟區，按右鍵，選擇“**壓縮磁碟區**”。



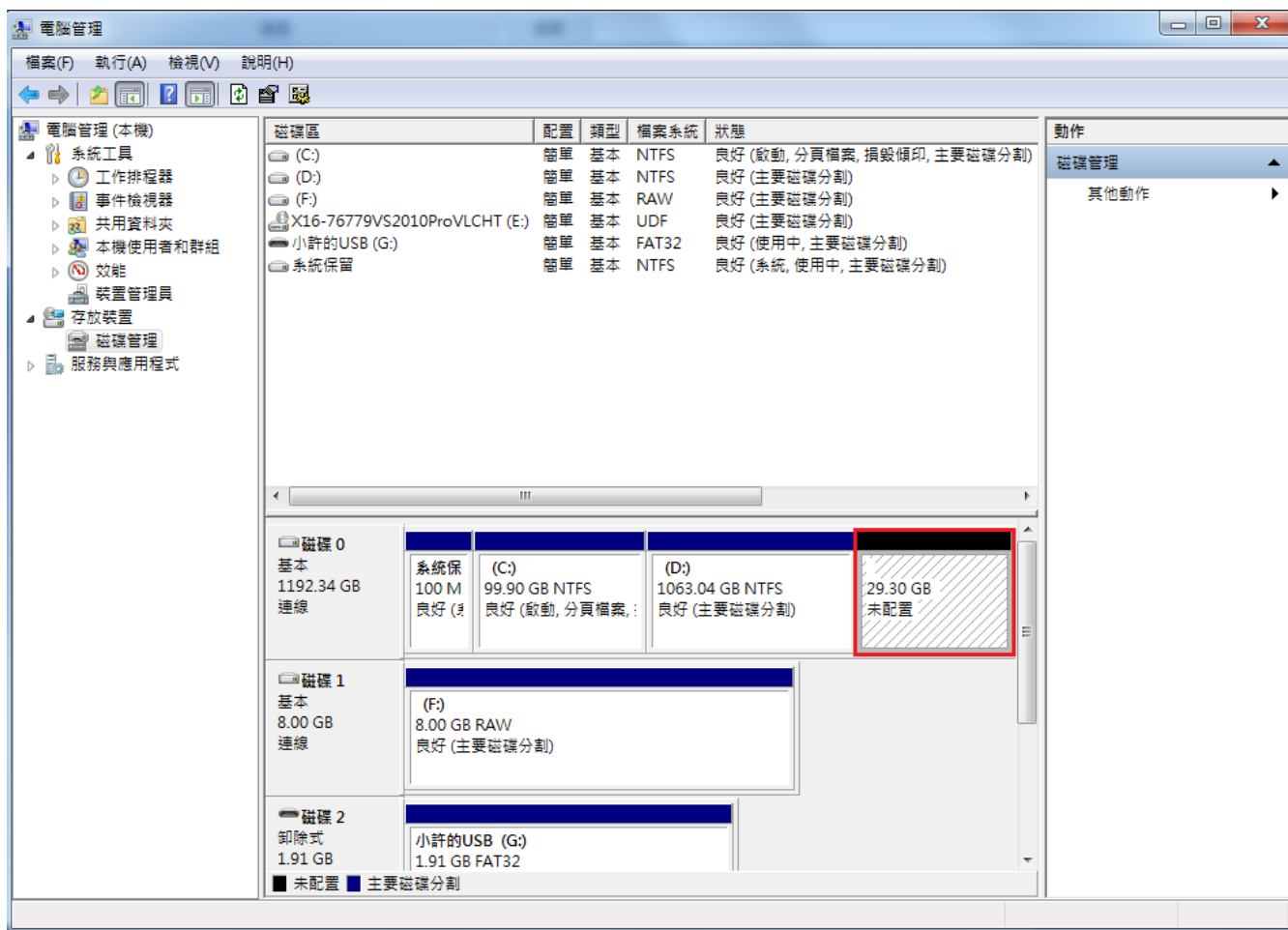
# Windows 8 / 7 / Vista user (3/4)

- 設定想要切割的磁區大小，設定好後按下“**壓縮**”。



# Windows 8 / 7 / Vista user (4/4)

- 回到磁碟管理的視窗，會在D磁區的後方，看見已經切割出來的磁區空間。



# XP user (1/5)

## ❑ Install EaseUS Partition Master.


- <http://www.partition-tool.com/landing/home-download.htm>

**EaseUS**® Make your life easy! Store Products ▾ Download

**Support**  
Enjoy more features in advanced edition, Save **20%**

Features	Partition Master Free	Partition Master Professional	Partition Master Server
Resize partition	●	● (Faster speed)	● (Faster speed)
Merge partitions	●	●	●
Resize dynamic volume		●	●
WinPE 3.0 bootable disk		●	●
Business usage		●	●
Free tech support service		●	●
Support Windows Server 2003/2008/2012			●
	Free <a href="#">Download</a>	<del>\$31.96</del> \$39.95 <a href="#">Buy Now</a>	<del>\$127.20</del> \$159 <a href="#">Buy Now</a>

**Cost-effective Bundle**  
Partition Master Pro + Todo Backup Workstation



**\$47.37** ~~\$78.95~~  
[Buy Now](#)

### Awards and Review



"It is a full-featured disk partition manager, which can not only format and partition drives but repartition them"

### Customer Says

"Thank You!!! It was so user friendly and I really appreciate your expertise.." -- Stephen

"Good day. Thank you very much for an excellent program. The program is great and excellent."

### Our Clients

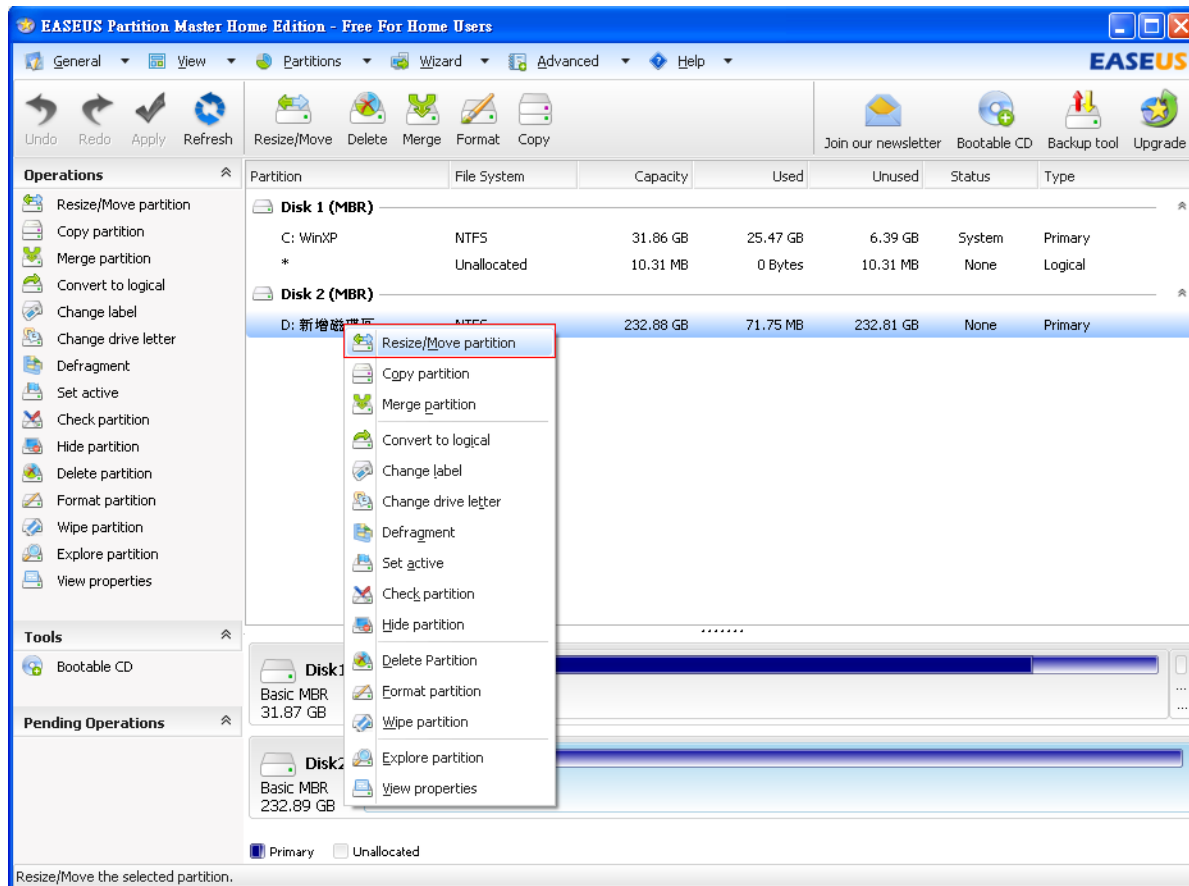




# XP user (2/5)

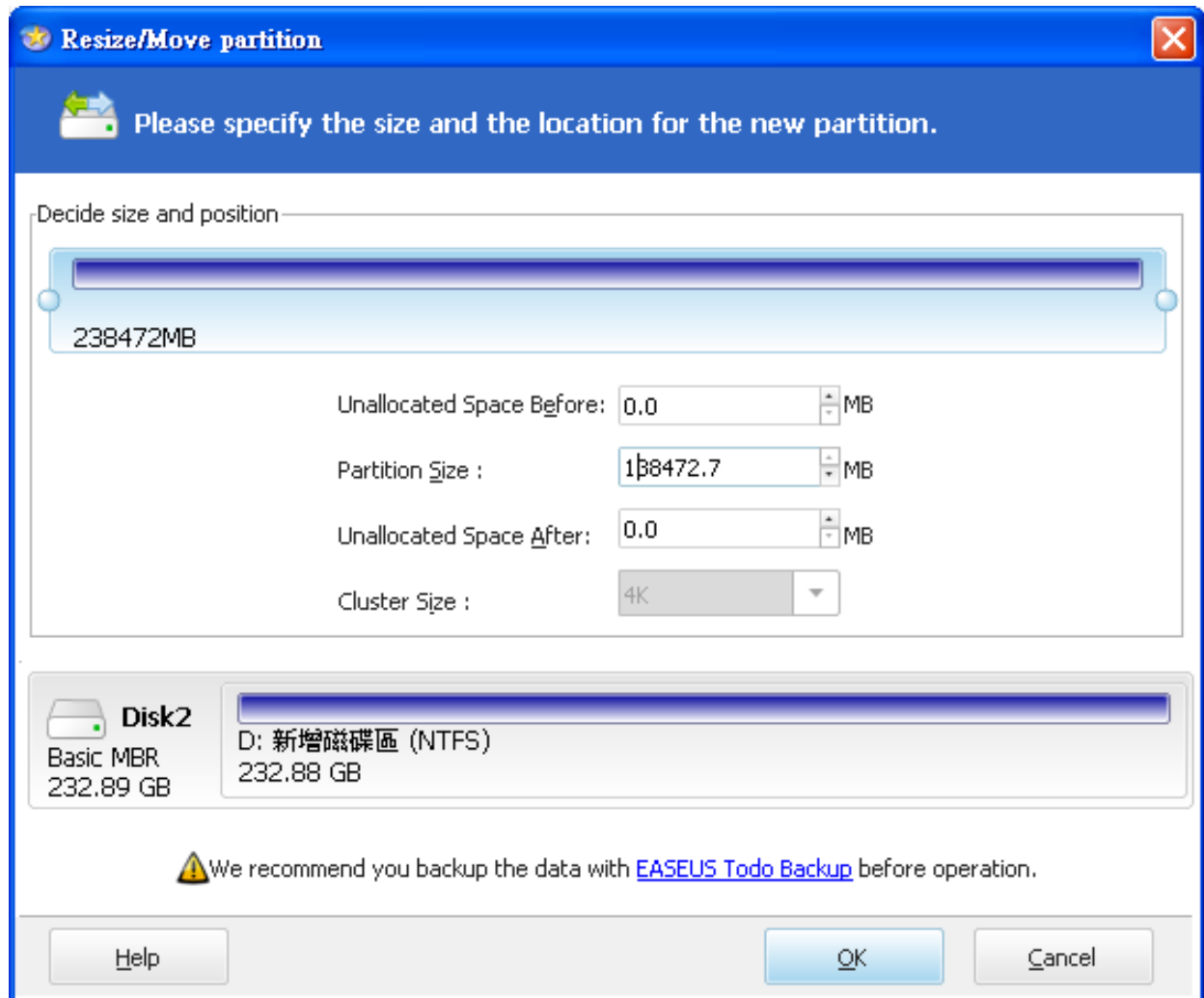
## ❑ Select D: drive

- Right click
- Select “**Resize/Move partition**”.



# XP user (3/5)

❑ Click “OK”.



# XP user (4/5)

❑ Click “Apply”.

The screenshot shows the EASEUS Partition Master Home Edition interface. The 'Apply' button in the top toolbar is highlighted with a red box. A dialog box titled 'Apply Changes' is open, displaying a question mark icon and the text: '1 operation is currently pending. Apply the change now?'. Below this text is a checkbox labeled 'Shut down the computer after changes are applied.' and two buttons: 'Yes' and 'No'.

Partition	File System	Capacity	Used	Unused	Status	Type
<b>Disk 1 (MBR)</b>						
C: WinXP	NTFS	31.86 GB	25.52 GB	6.34 GB	System	Primary
*	Unallocated	10.31 MB	0 Bytes	10.31 MB	None	Logical
<b>Disk 2 (MBR)</b>						
F: 新增磁碟區	NTFS	135.23 GB	71.74 MB	135.16 GB	None	Primary
*	Unallocated	97.66 GB	0 Bytes	97.66 GB	None	Logical

**Tools**

- Bootable CD

**Pending Operations**

- Resize/Move partition (F:) on Disk2

**Disk1**

- Basic MBR: 31.87 GB
- C: WinXP (NTFS): 31.86 GB

**Disk2**

- Basic MBR: 232.89 GB
- F: 新增磁碟區 (NTFS): 135.23 GB
- Unallocated: 97.66 GB

Primary  Unallocated

We recommend closing all other applications while running EASEUS Partition Master.

# XP user (5/5)

EASEUS Partition Master Home Edition - Free For Home Users

General View Partitions Wizard Advanced Help

Undo Redo Apply Refresh Resize/Move Delete Merge Format Copy Join our newsletter Bootable CD Backup tool Upgrade

**Operations**

- Resize/Move partition
- Copy partition
- Merge partition
- Convert to logical
- Change label
- Change drive letter
- Set active
- Hide partition
- Delete partition
- Format partition
- Wipe partition
- View properties

**Tools**

- Bootable CD

**Pending Operations**

Resize/Move partition (D:) on Disk2

Partition	File System	Capacity	Used	Unused	Status	Type
<b>Disk 1 (MBR)</b>						
C: WinXP	NTFS	31.86 GB	25.47 GB	6.39 GB	System	Primary
*	Unallocated	10.31 MB	0 Bytes	10.31 MB	None	Logical
<b>Disk 2 (MBR)</b>						
D: 新增磁碟區	NTFS	135.23 GB	71.75 MB	135.16 GB	None	Primary
*	Unallocated	97.66 GB	0 Bytes	97.66 GB	None	Logical

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**Disk1**  
Basic MBR  
31.87 GB  
C: WinXP (NTFS)  
31.86 GB

**Disk2**  
Basic MBR  
232.89 GB  
D: 新增磁碟區 (NTFS)  
135.23 GB  
Unallocated  
97.66 GB

Primary  Unallocated

We recommend closing all other applications while running EASEUS Partition Master.



# GParted Live USB

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# How to Shrink a Partition on Your Hard Drive (GParted Live USB)

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- ❑ GUI
  - GParted

**ATTENTION: backup your data first !**

**注意: 先備份您的重要資料!!!**

# GParted Live USB (1/4)

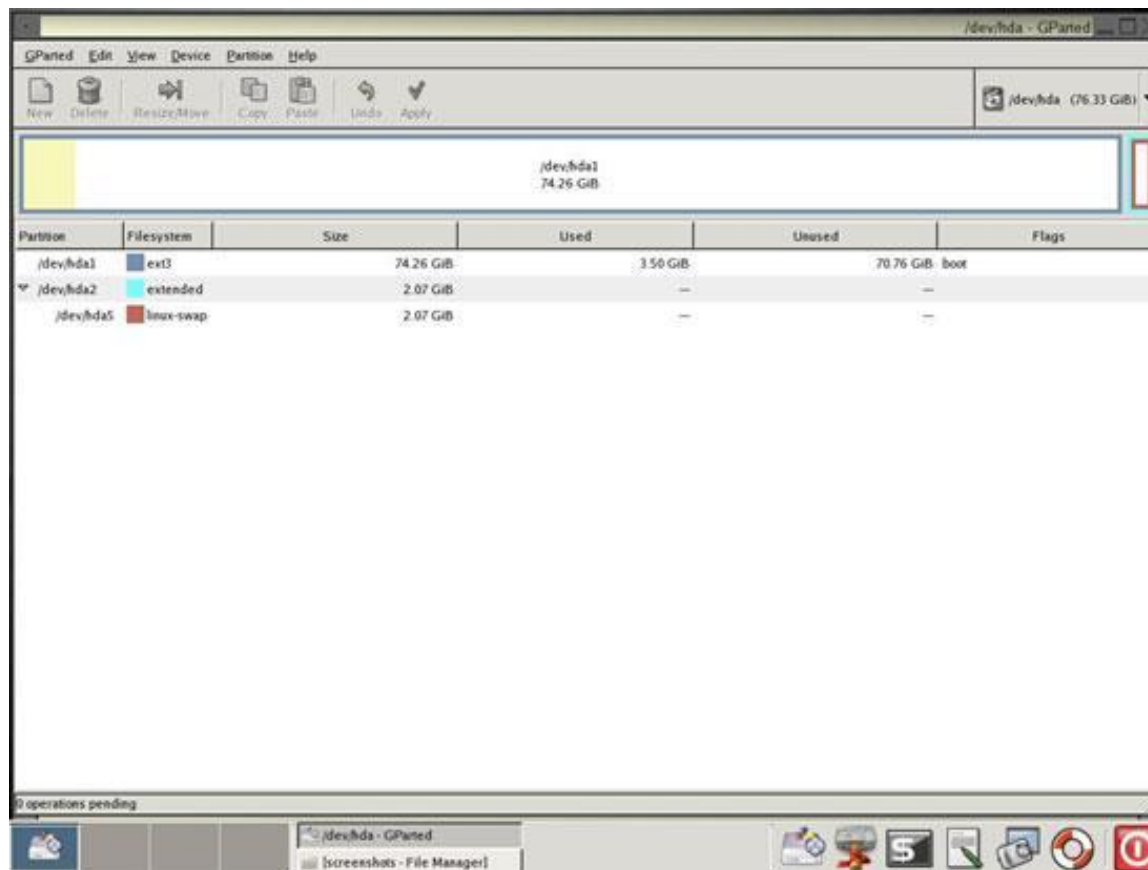
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## ❑ How to install?

- Download [gparted-live-0.19.1-4-i486.iso](http://gparted-live-0.19.1-4-i486.iso)
  - <http://downloads.sourceforge.net/gparted/gparted-live-0.19.1-4-i486.iso>
- For GNU/Linux & Mac User
  - Open Terminal
  - \$ sudo dd if=/path-to-gparted-live-0.19.1-4-i486.iso of=/dev/sdx bs=4M; sync
- For Windows User
  - Choose one to create bootable Live USB
    - Tuxboot
    - Unetbootin
    - LinuxLive USB Creator

# GParted Live USB (2/4)

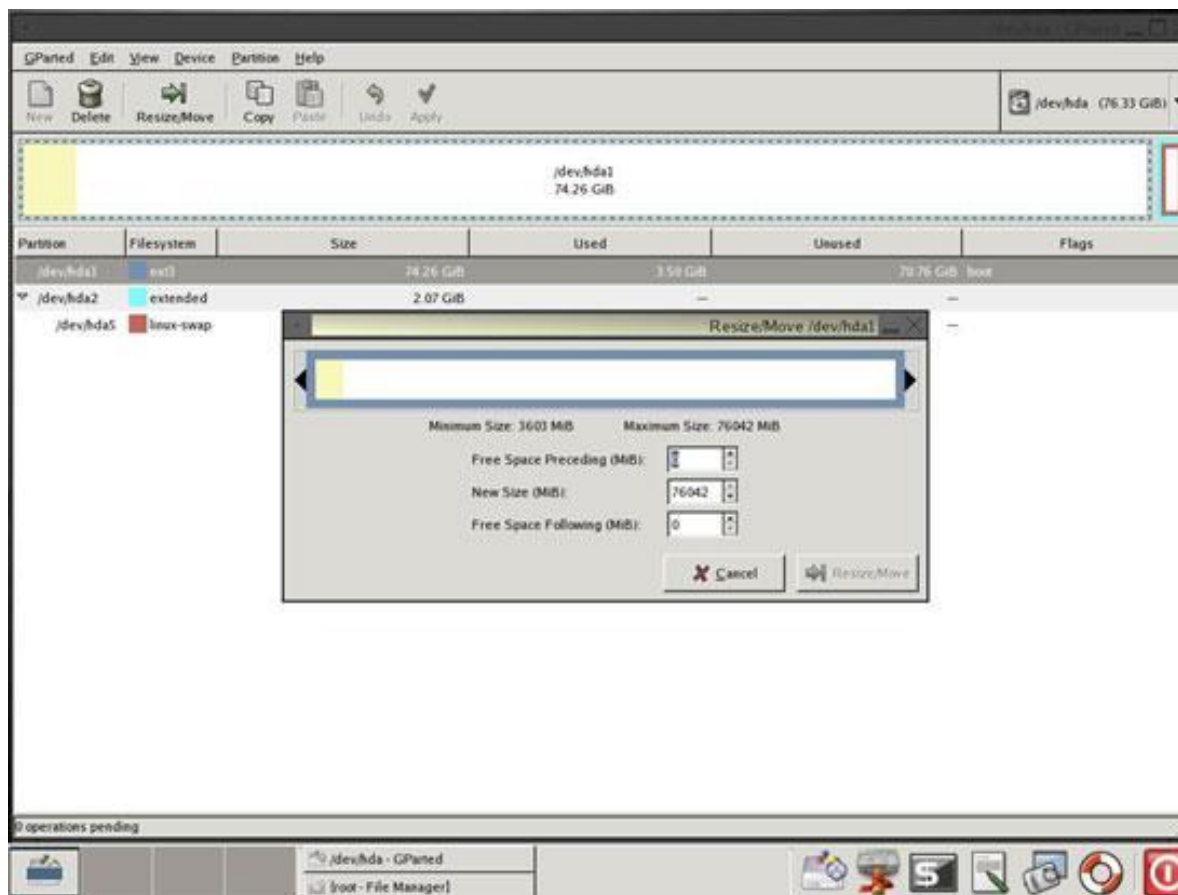
- Open GParted
- Click the disk you want to shrink and click Resize/Move





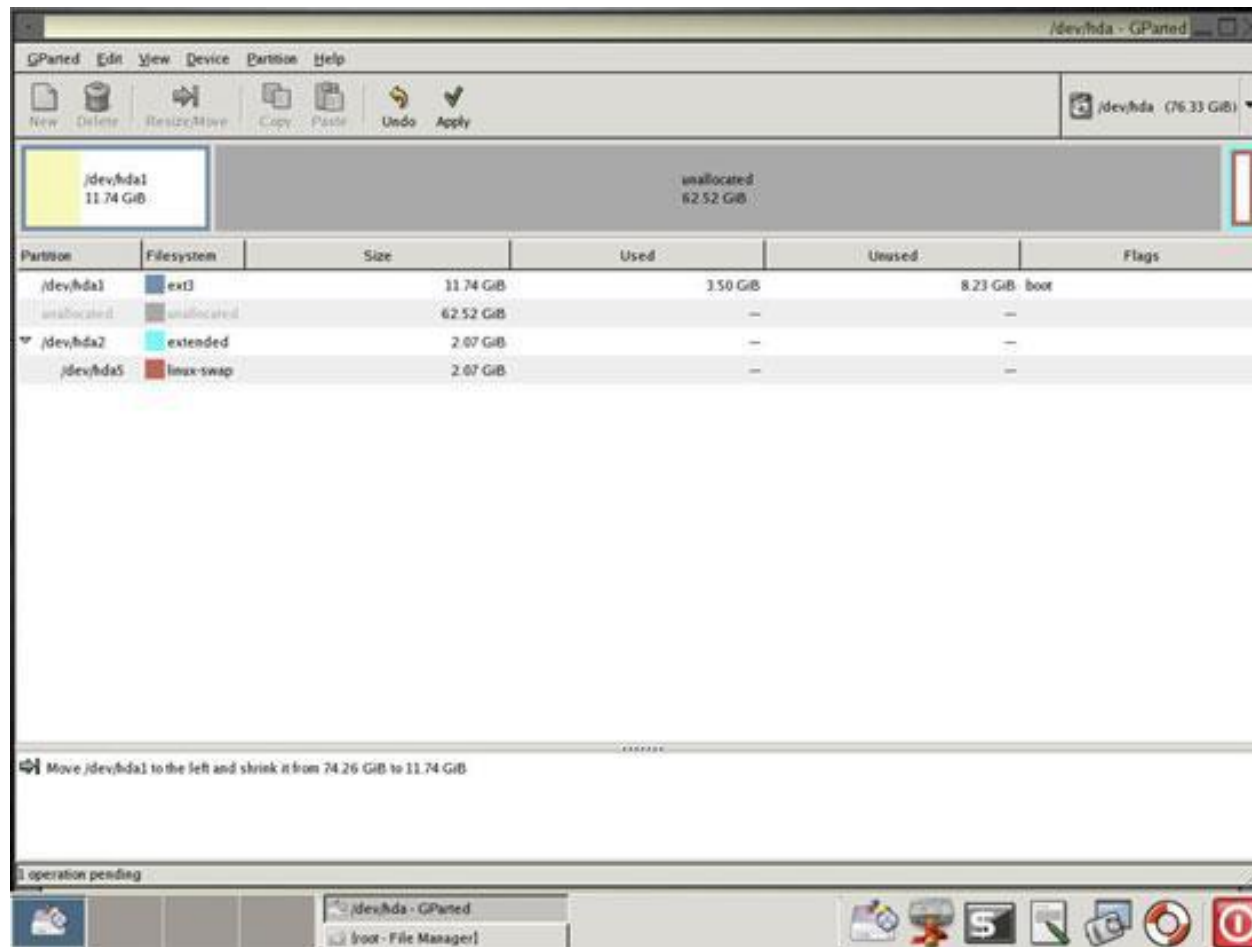
# GParted Live USB (3/4)

- ❑ Drag the black arrow to shrink then click Resize/Move button



# GParted Live USB (4/4)

- ❑ Then you will see a new & unallocated space



# Appendix

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- ❑ Commands for Disk Partitioning
  - gpart (recommend on FreeBSD)
  - parted
  - gdisk
  - cgdisk
  - sgdisk
  - fdisk
  - cfdisk
  - sfdisk

# References

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- ❑ How to Shrink a Partition on Your Hard Drive
  - [http://tips4pc.com/format%20your%20computer/how\\_to\\_shrink\\_a\\_partition\\_on\\_you.htm](http://tips4pc.com/format%20your%20computer/how_to_shrink_a_partition_on_you.htm)
- ❑ EaseUS
  - <http://www.easeus.com/>
- ❑ 如何調整Windows 8的磁碟分割區？
  - [7club.ithome.com.tw/index.php/article/10036527/1](http://7club.ithome.com.tw/index.php/article/10036527/1)
- ❑ GParted Live on USB
  - <http://gparted.org/liveusb.php>
- ❑ Modify Your Partitions With GParted Without Losing Data
  - [http://www.howtoforge.com/partitioning\\_with\\_gparted](http://www.howtoforge.com/partitioning_with_gparted)