



RB-100RD BIOS Settings Rescue

(Using Drivelmage XML)

Requirement

- One empty USB disk
- RoBoard RB-100RD with ver. A6 BIOS

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AMIBIOS(C)2010 American Megatrends, Inc.  
BIOS Date: 01/10/2012 Robort 100RD A6(IRQ Mode)  
CPU : Vortex86DX A9121  
Speed : 933MHz  
  
Press DEL to run Setup (F4 on Remote Keyboard)  
Press F11 for BBS POPUP (F3 on Remote Keyboard)  
Initializing USB Controllers .. Done.  
256MB OK  
  
EVALUATION COPY, NOT FOR SALE  
(C) American Megatrends, Inc.  
62-0100-000001-00101111-011012-VORTEX86-1ADSV000-Y2KC
```

check the version in the boot screen:

**01/10/2012 Robort 100RD
A6(IRQ Mode)**

Step 1

- Download and install **Drivelmage XML** to your PC
- <http://www.runtime.org/driveimage-xml.htm>

Drivelmage XML V2.14

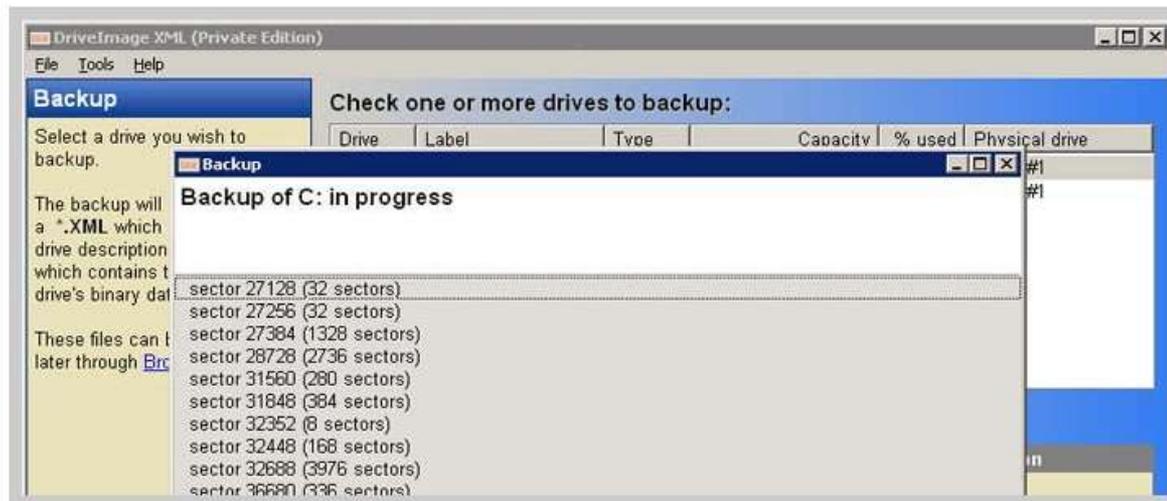
Image and Backup logical Drives and Partitions

File Size: 1.78 MB

Price: Private Edition Free - Commercial Edition - [Buy Now](#) ➔

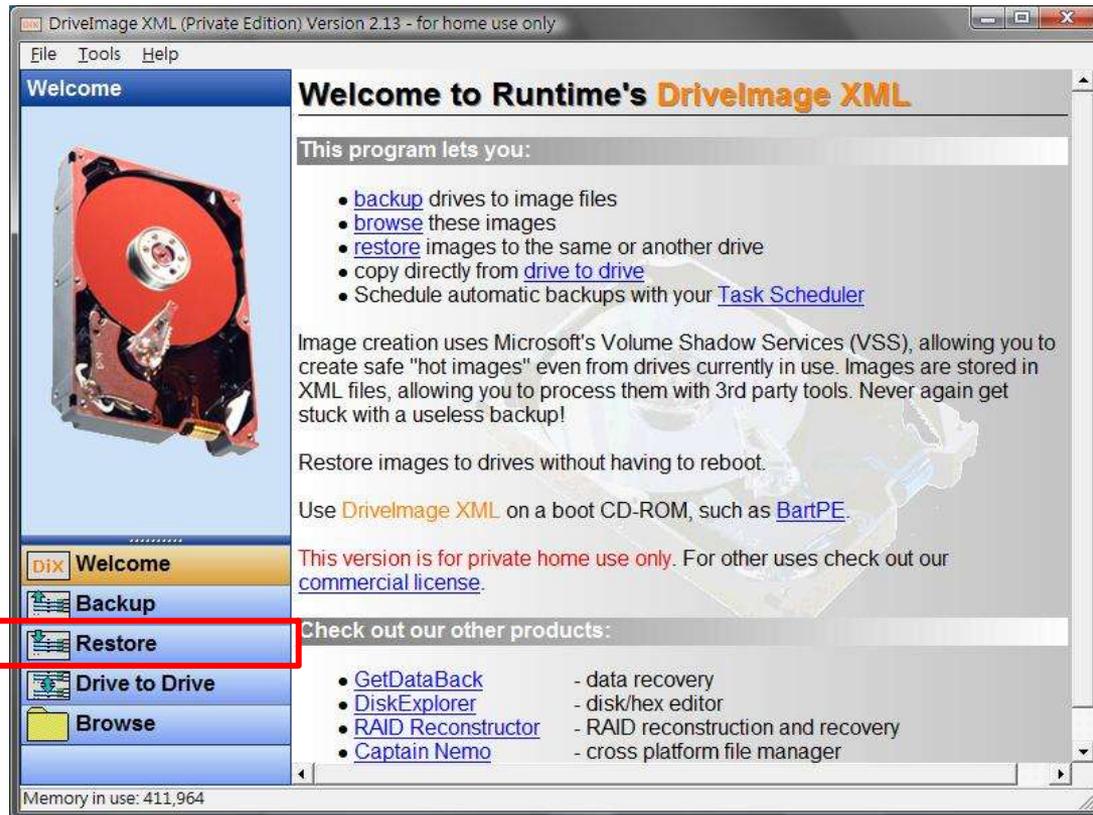
System Requirements: Pentium Processor - 256 MB RAM

Windows XP, 2003, Vista, or Windows 7



Step 2a

- Plug your USB disk into your computer, and launch Drivelmage XML.
You will look a screen as below; click Restore



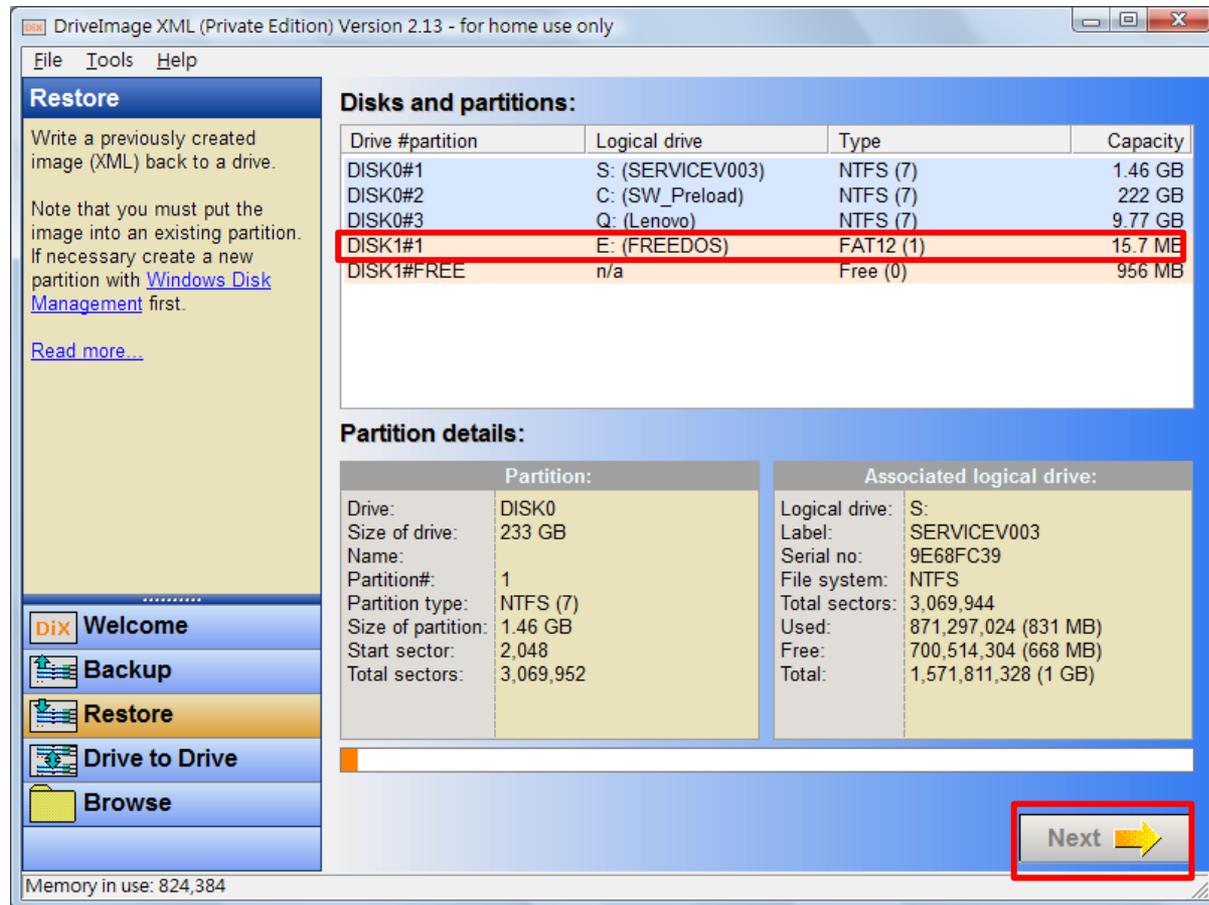
Step 2b

- Note that in Vista or Win7, you may get a warning message as below; in this case, re-execute Drivelmage XML with “Administrator”.



Step 3

- In Restore window, choose your USB disk and then click “Next” button.



DriveImage XML (Private Edition) Version 2.13 - for home use only

File Tools Help

Restore

Write a previously created image (XML) back to a drive.

Note that you must put the image into an existing partition. If necessary create a new partition with [Windows Disk Management](#) first.

[Read more...](#)

Disks and partitions:

Drive #/partition	Logical drive	Type	Capacity
DISK0#1	S: (SERVICEV003)	NTFS (7)	1.46 GB
DISK0#2	C: (SW_Preload)	NTFS (7)	222 GB
DISK0#3	Q: (Lenovo)	NTFS (7)	9.77 GB
DISK1#1	E: (FREEDOS)	FAT12 (1)	15.7 MB
DISK1#FREE	n/a	Free (0)	956 MB

Partition details:

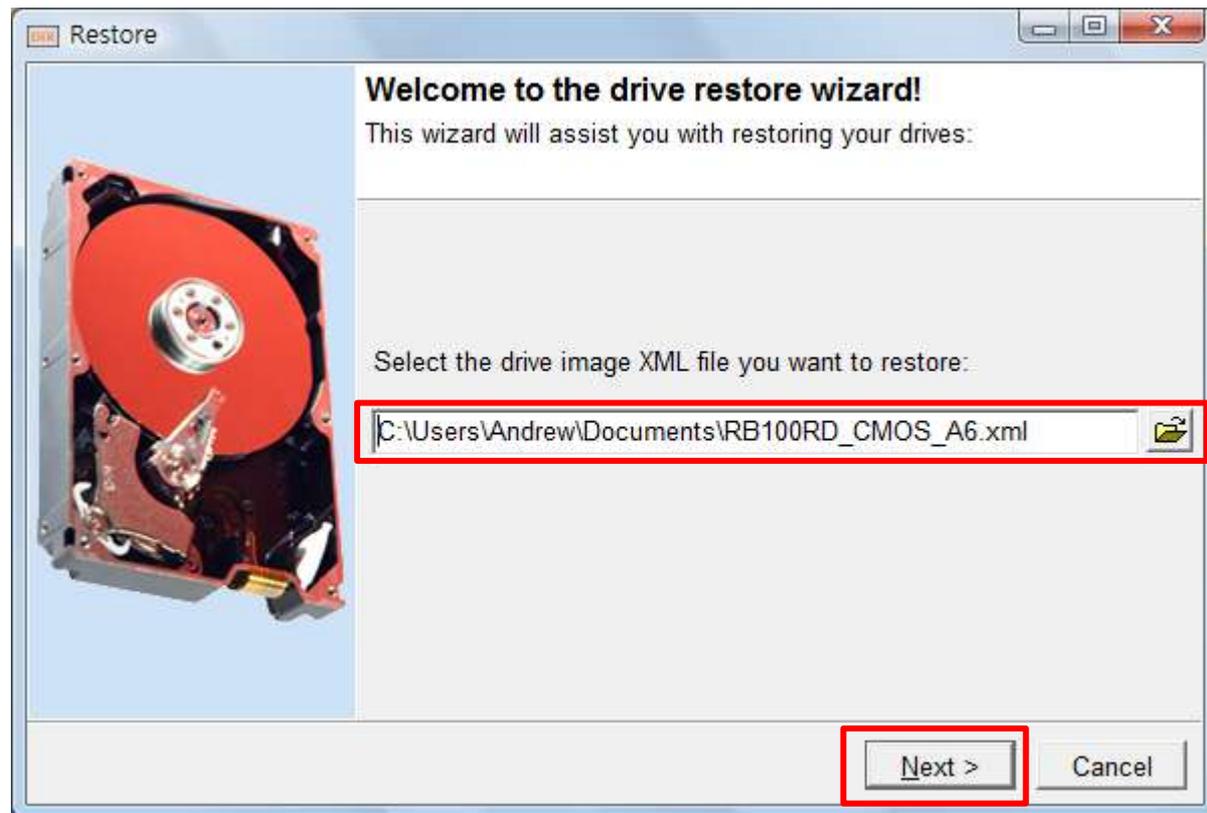
Partition:		Associated logical drive:	
Drive:	DISK0	Logical drive:	S:
Size of drive:	233 GB	Label:	SERVICEV003
Name:		Serial no:	9E68FC39
Partition#:	1	File system:	NTFS
Partition type:	NTFS (7)	Total sectors:	3,069,944
Size of partition:	1.46 GB	Used:	871,297,024 (831 MB)
Start sector:	2,048	Free:	700,514,304 (668 MB)
Total sectors:	3,069,952	Total:	1,571,811,328 (1 GB)

Memory in use: 824,384

Next →

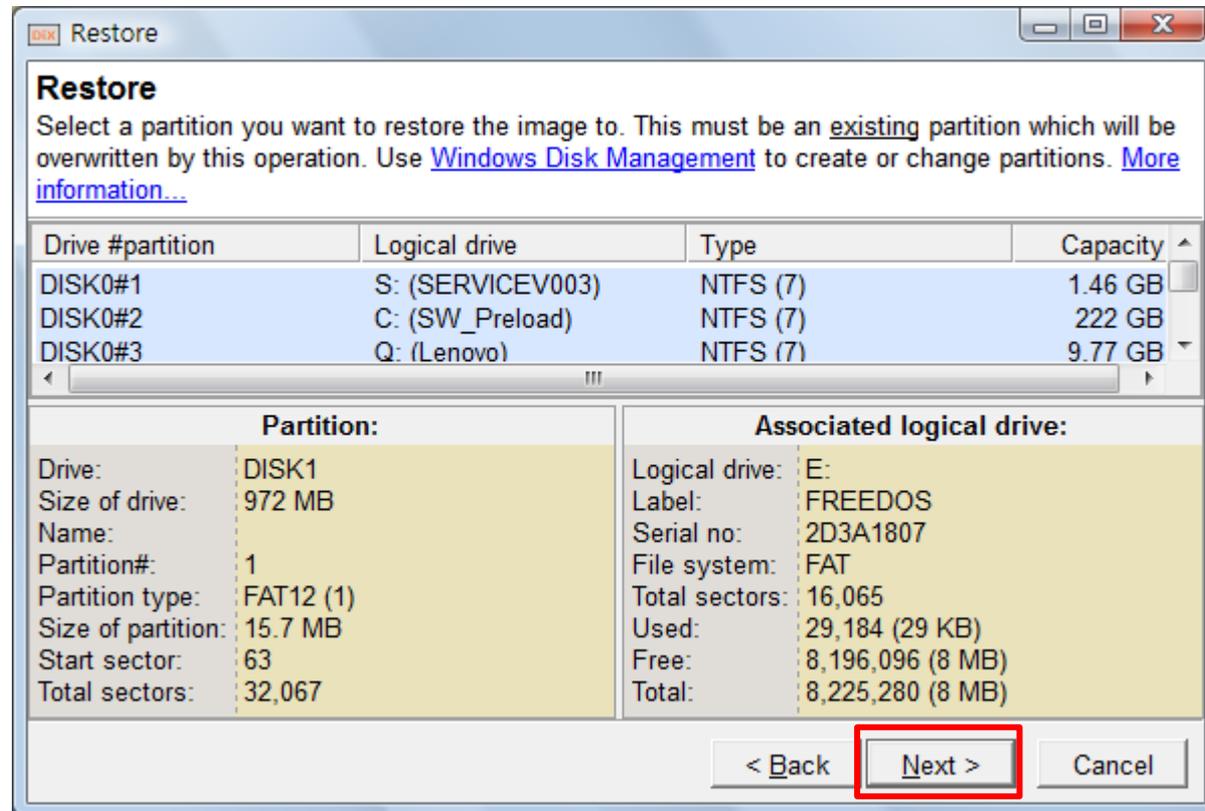
Step 4

- Choose the RB100RD_CMOS_A6.xml file, and then click “NEXT>”



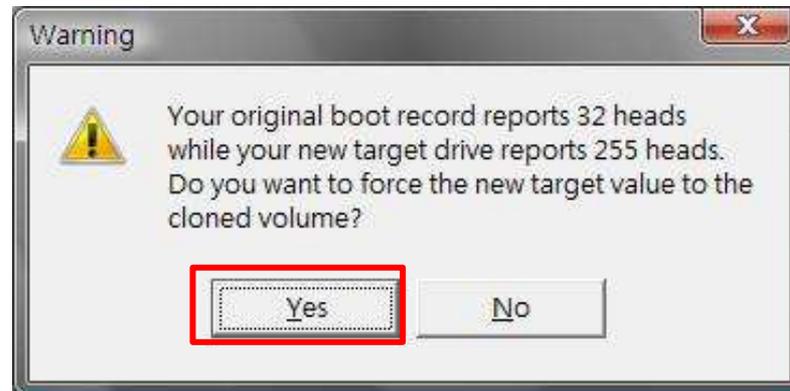
Step 5

- Click “NEXT>”



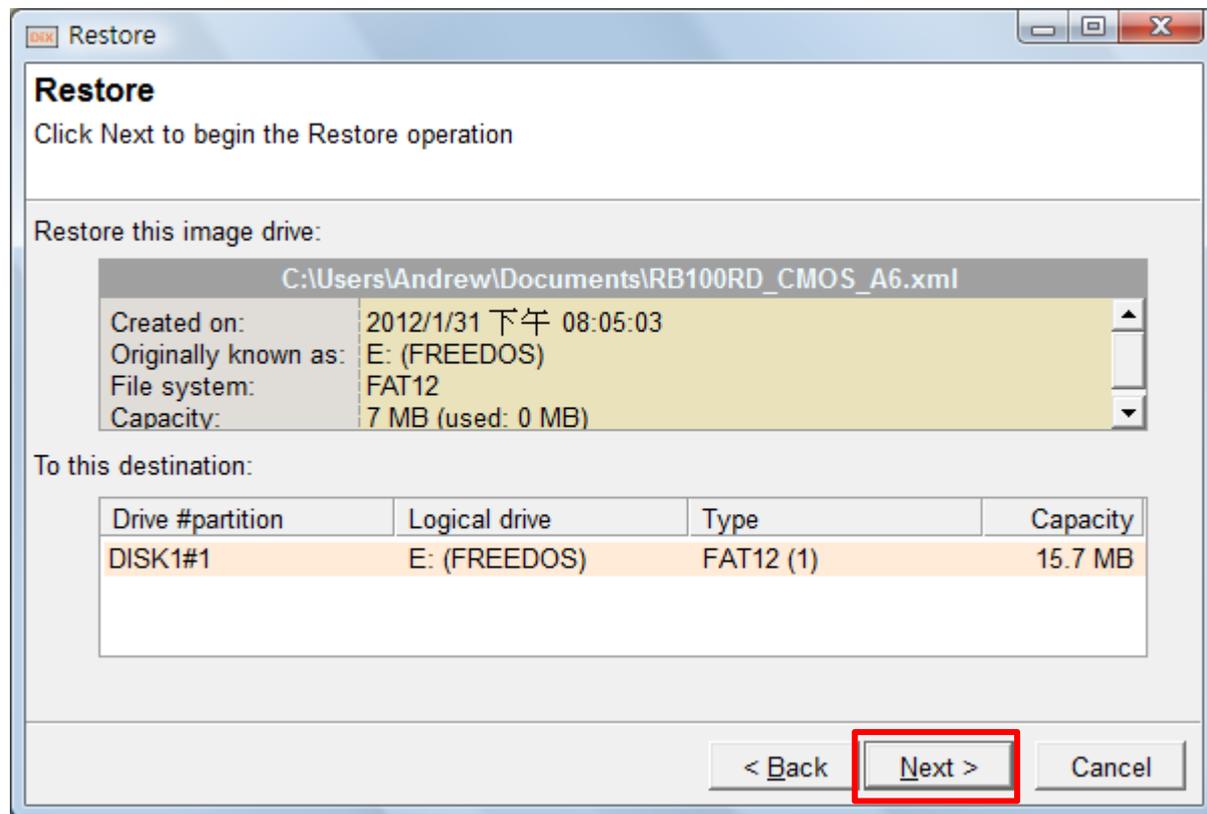
Step 6

- Click “Yes”



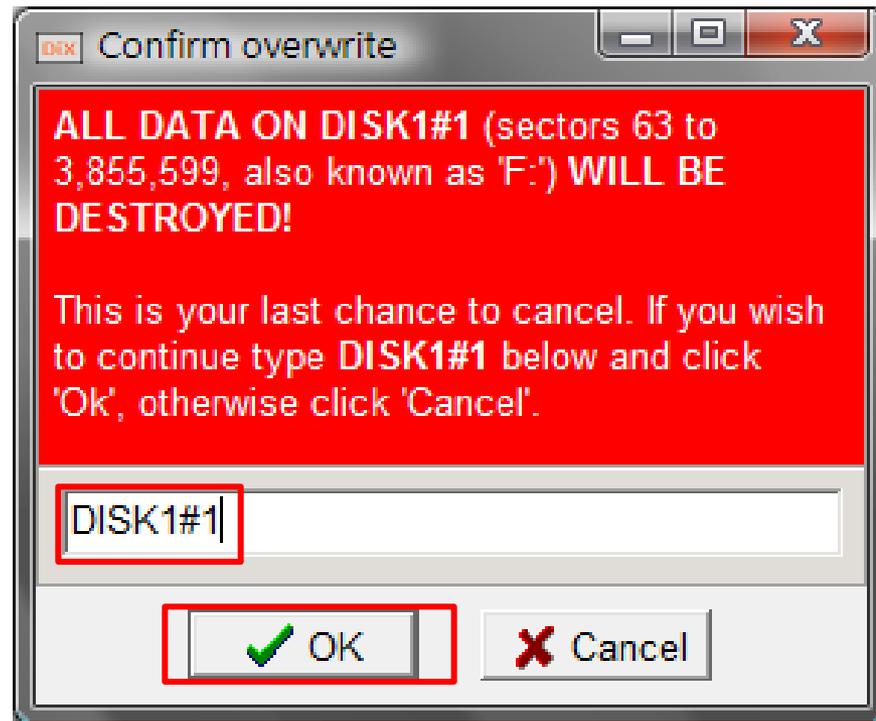
Step 7

- Click “NEXT>”



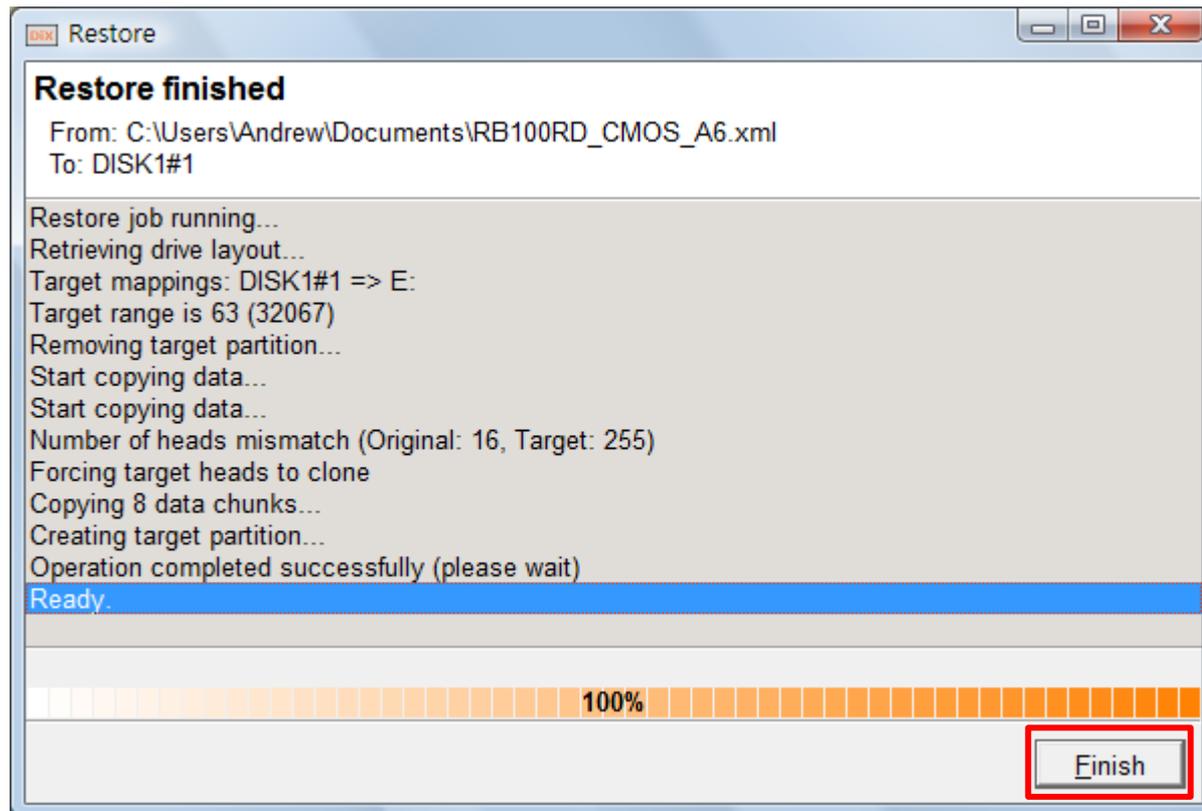
Step 8

- Type the string indicated by the screen message and then click “OK” button



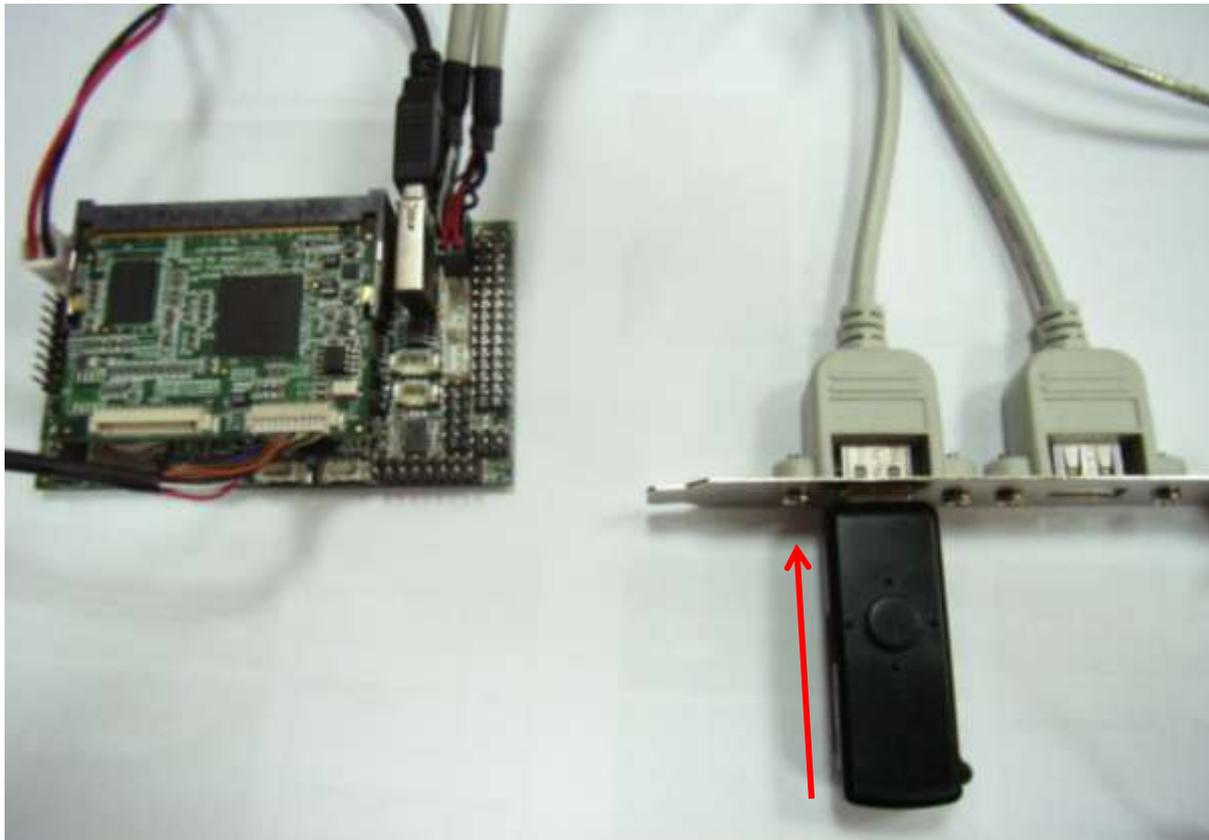
Step 9

- Restoring...
- When it is finished, click “Finish” button



Step 10

- Unplug the USB disk from your PC, and then plug it into your RoBoard.



Step 11

- Power on your RoBoard, and press F11 to select the USB disk as the boot device.



Step 12

- The BIOS Settings Rescue Tool will automatically start to restore BIOS settings.
 - When it succeed (i.e., when you see the message below), remove the USB disk and reboot your RoBoard;
 - then your RoBoard's BIOS settings will return to the optimal default settings.

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WARRANTY; you can redistribute it and/or modify it under the terms of the  
GNU General Public License as published by the Free Software Foundation;  
either version 2, or (at your option) any later version.  
- InitDiskWARNING: using suspect partition Pri:1 FS 01: with calculated values  
31-13-63 instead of 1-254-63  
C: HD1, Pri[ 1], CHS= 0-1-1, start= 0 MB, size= 15 MB  
  
FreeCom version 0.84-pre2 XMS_Swap [Aug 28 2006 00:29:00]  
C:\>cmosfile -l dx-a6.txt  
DM&P CMOS RAM Backup/Restore Tool v1.12. (Jun 18 2009 17:28:25)  
CMOS TYPE : VORTEX86DX  
Load CMOS from file dx-a6.txt  
CMOS data updated, need to RESET to take effect  
C:\>
```



Thank You

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