

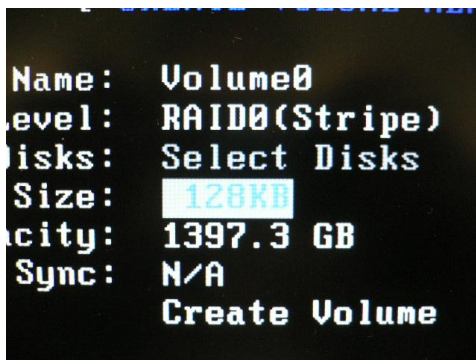
## Steps to change RAID 0 stripe size

In order to get better SSD drive performance on msi notebook, you can set RAID 0 stripe size to 128KB by following 3 steps:

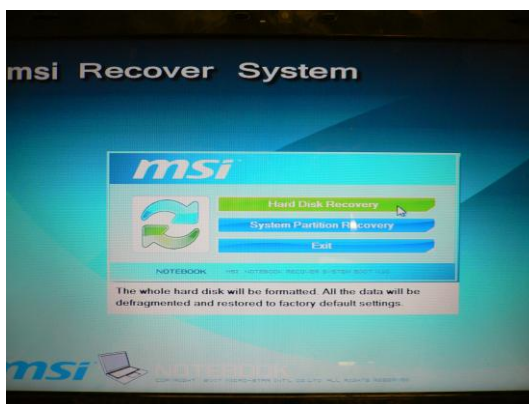
1. Make Recovery DVD by msi Burin recovery. You can find the utility on msi laptop Windows desktop.



2. Change RAID 0 Stripe size from 32KB to 128KB.



3. Recover the system with Recovery DVD



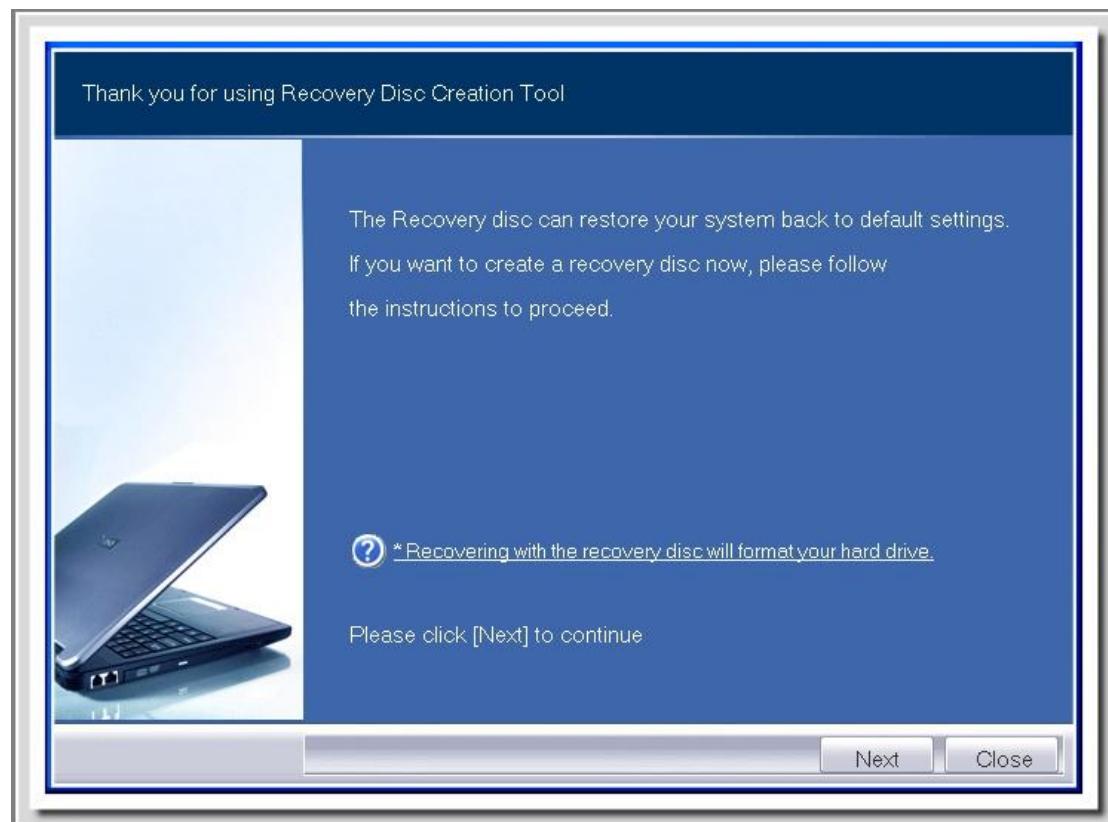
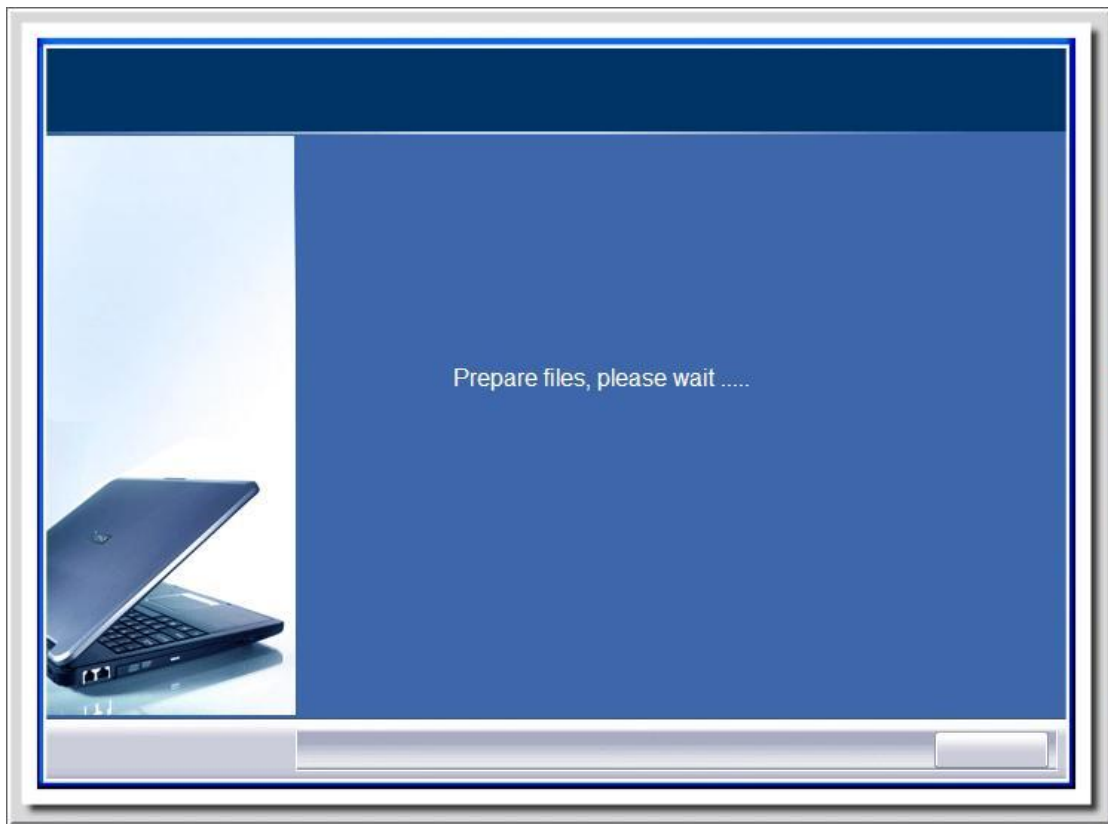
For detailed steps of process, please refer to below contents.

# BurnRecovery Steps

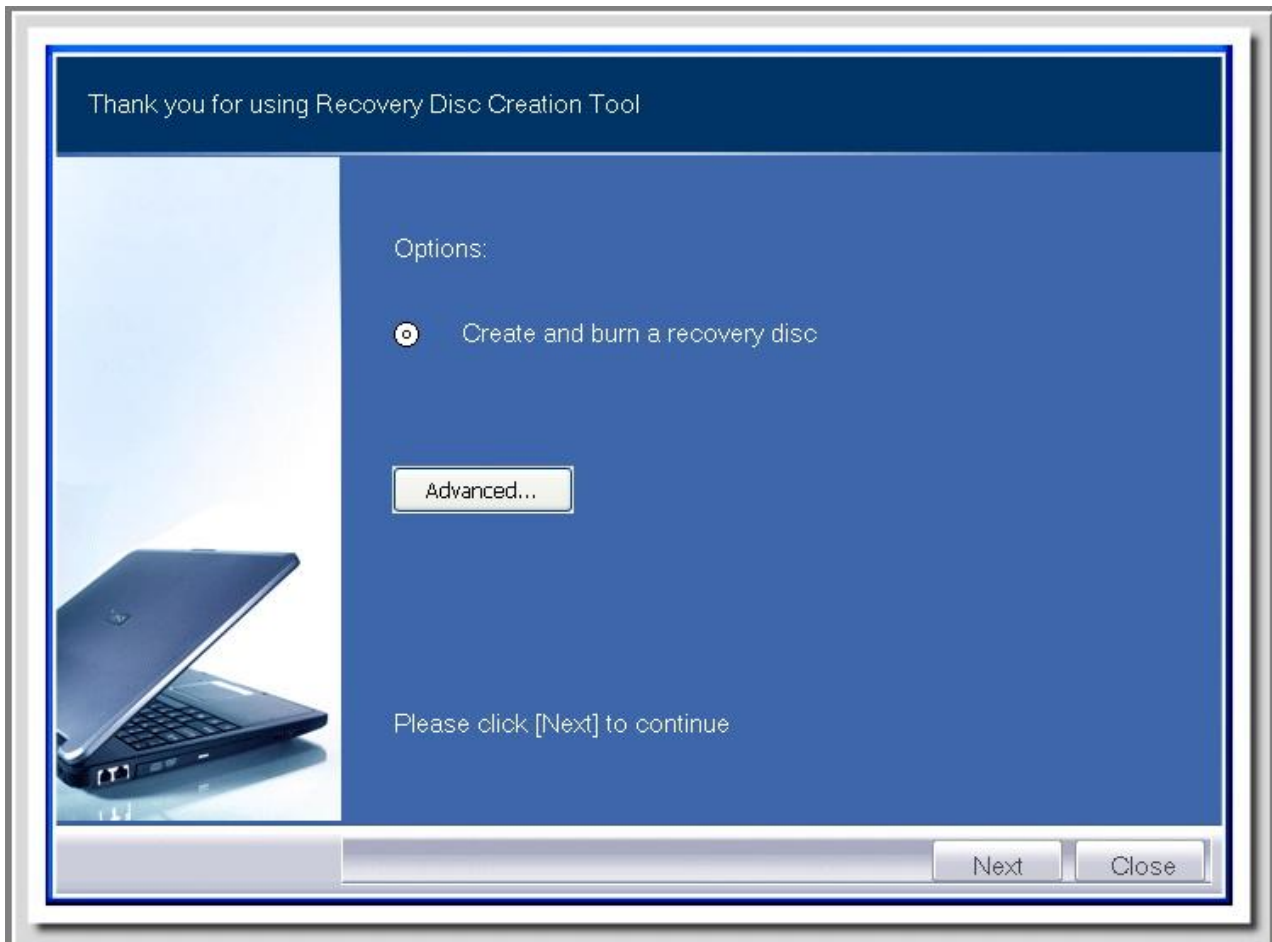
- 1.) Execute Recovery Disc Creation Tool from the [Start] menu >> MSI >> BurnRecovery >> MSI BurnRecovery.



2. To start creating the recovery disc, please click [Next] in the Recovery Disc Creation Tool start window.



3. In the next window, you can choose the options to create a recovery disc. You can directly start creating and burning a recovery disc by clicking [Next], or by clicking [Advanced] to create an ISO file for the recovery disc.



Thank you for using Recovery Disc Creation Tool



Options:

- Create and burn a recovery disc
- Create an ISO file for the recovery disc.

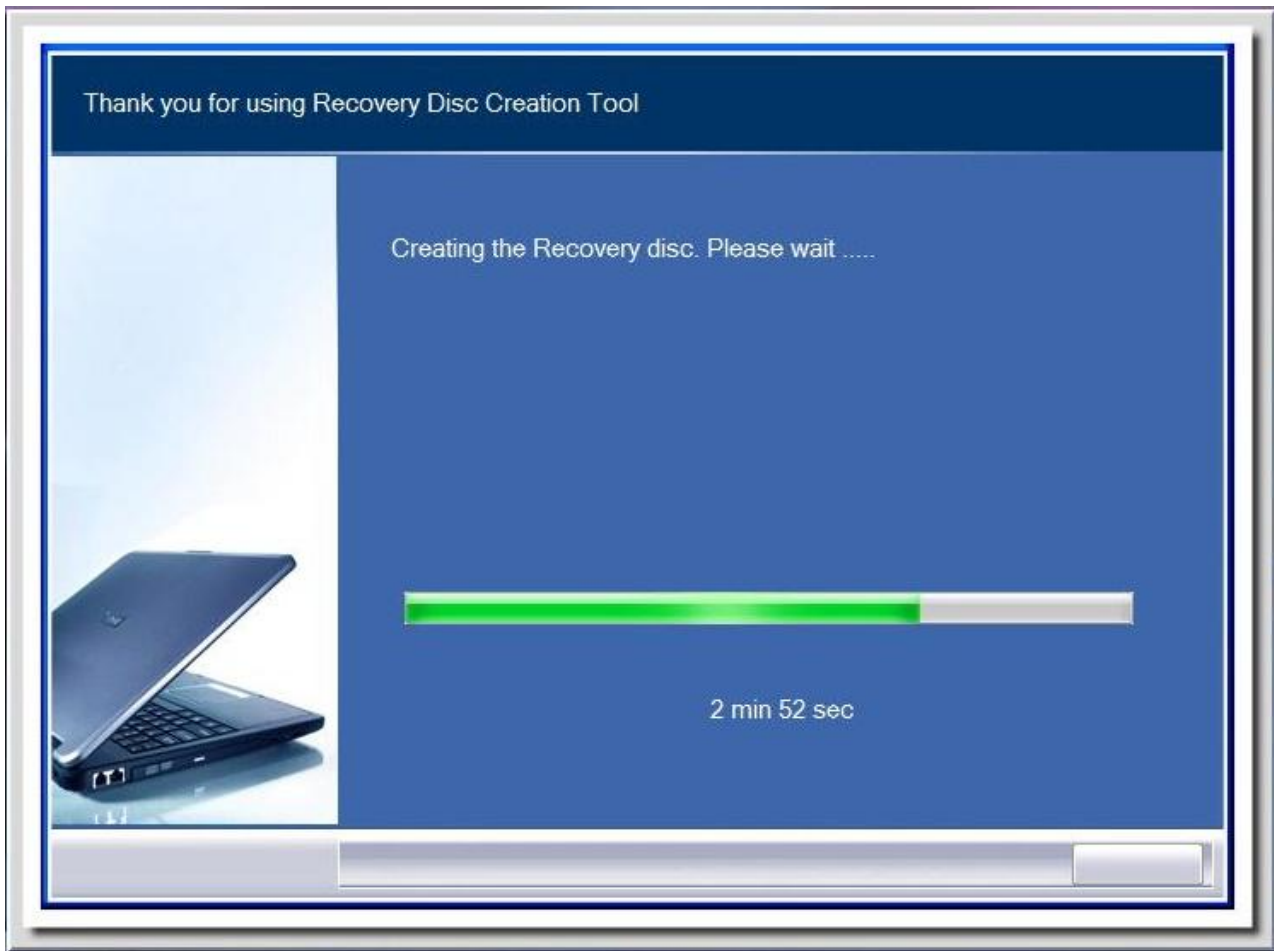
You can use a burning software, such as Nero, Power2Go, or BurnNow, to create a recovery disc from the ISO file ◦

Please click [Next] to continue

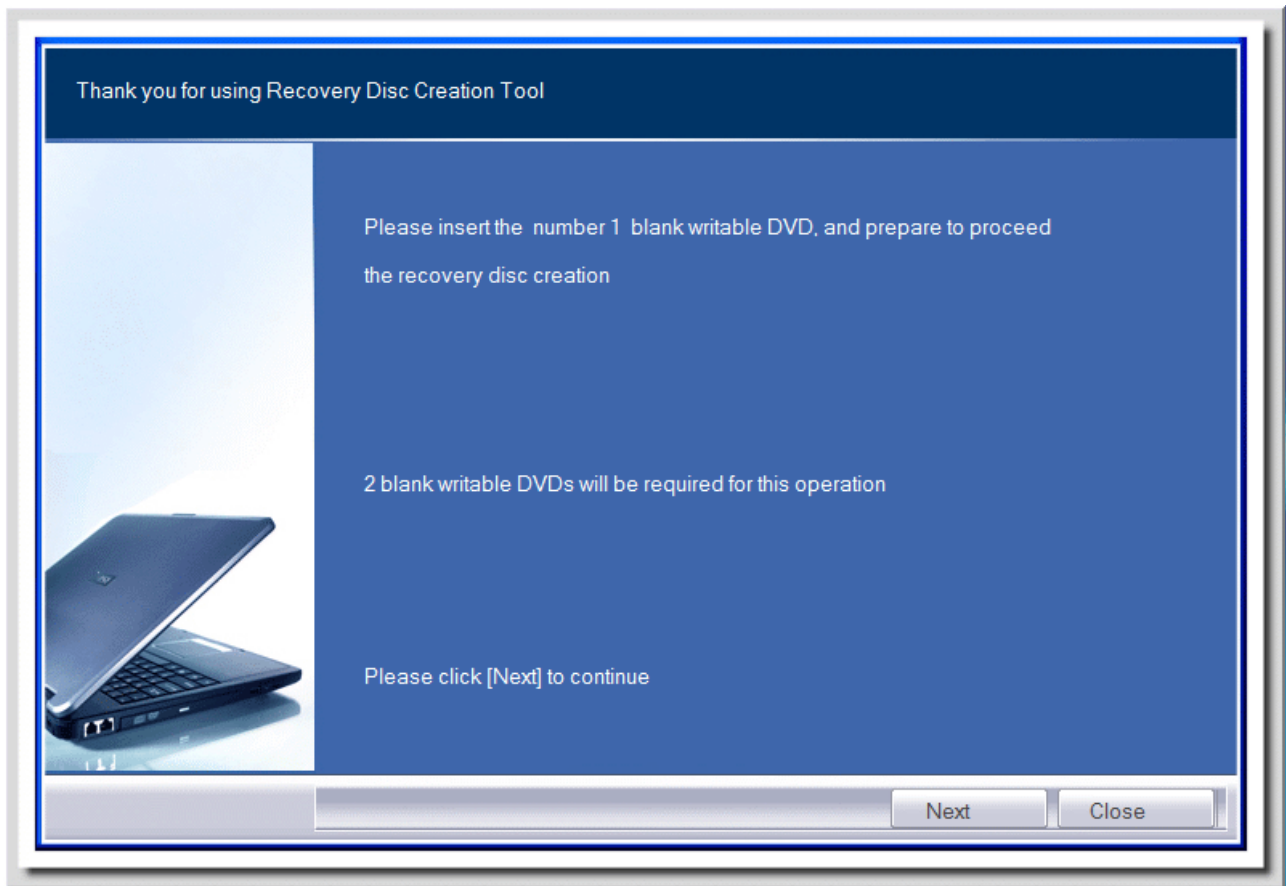
Next

Close

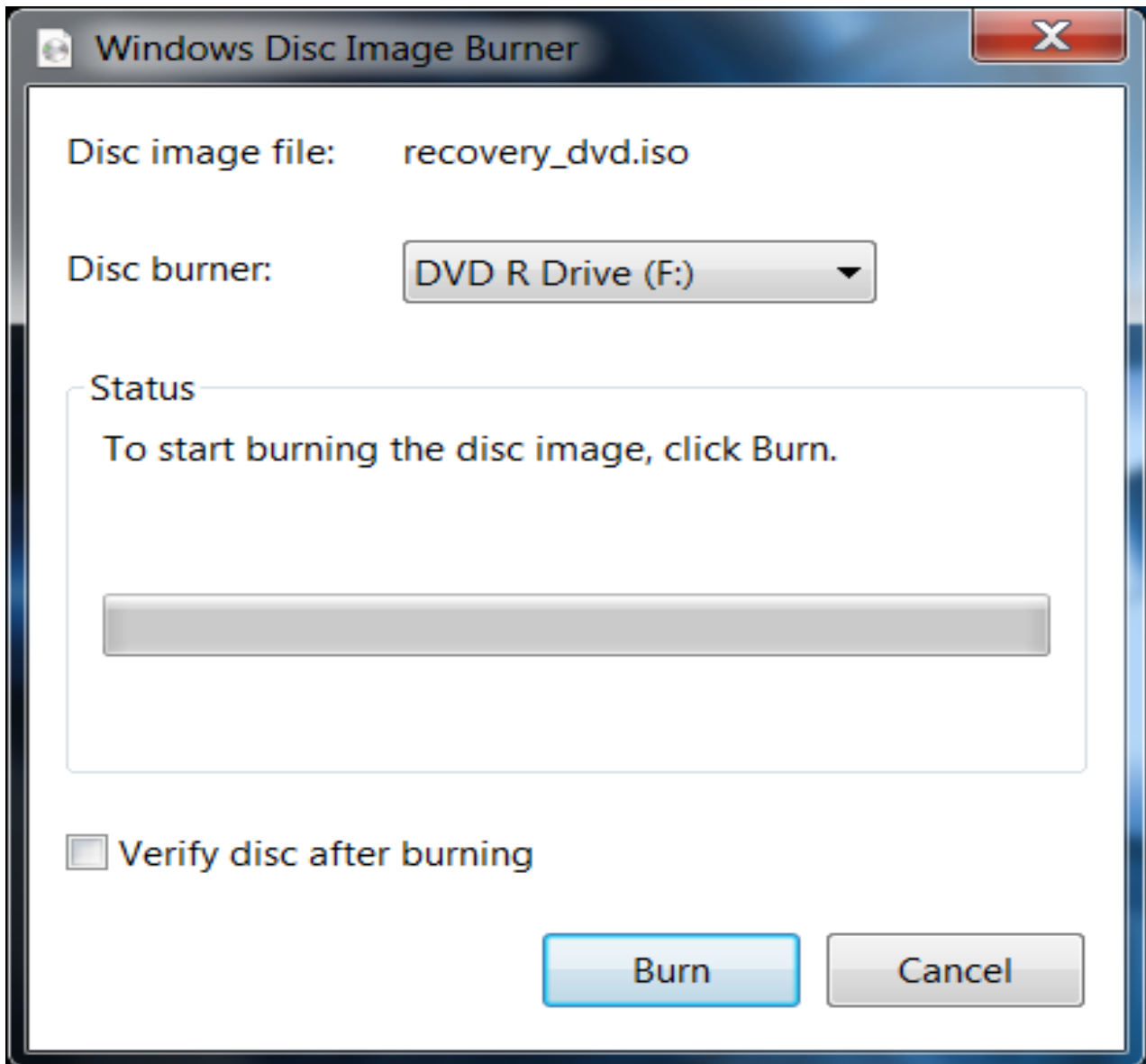
4. When you choose to create a recovery disc, please wait for the operation.



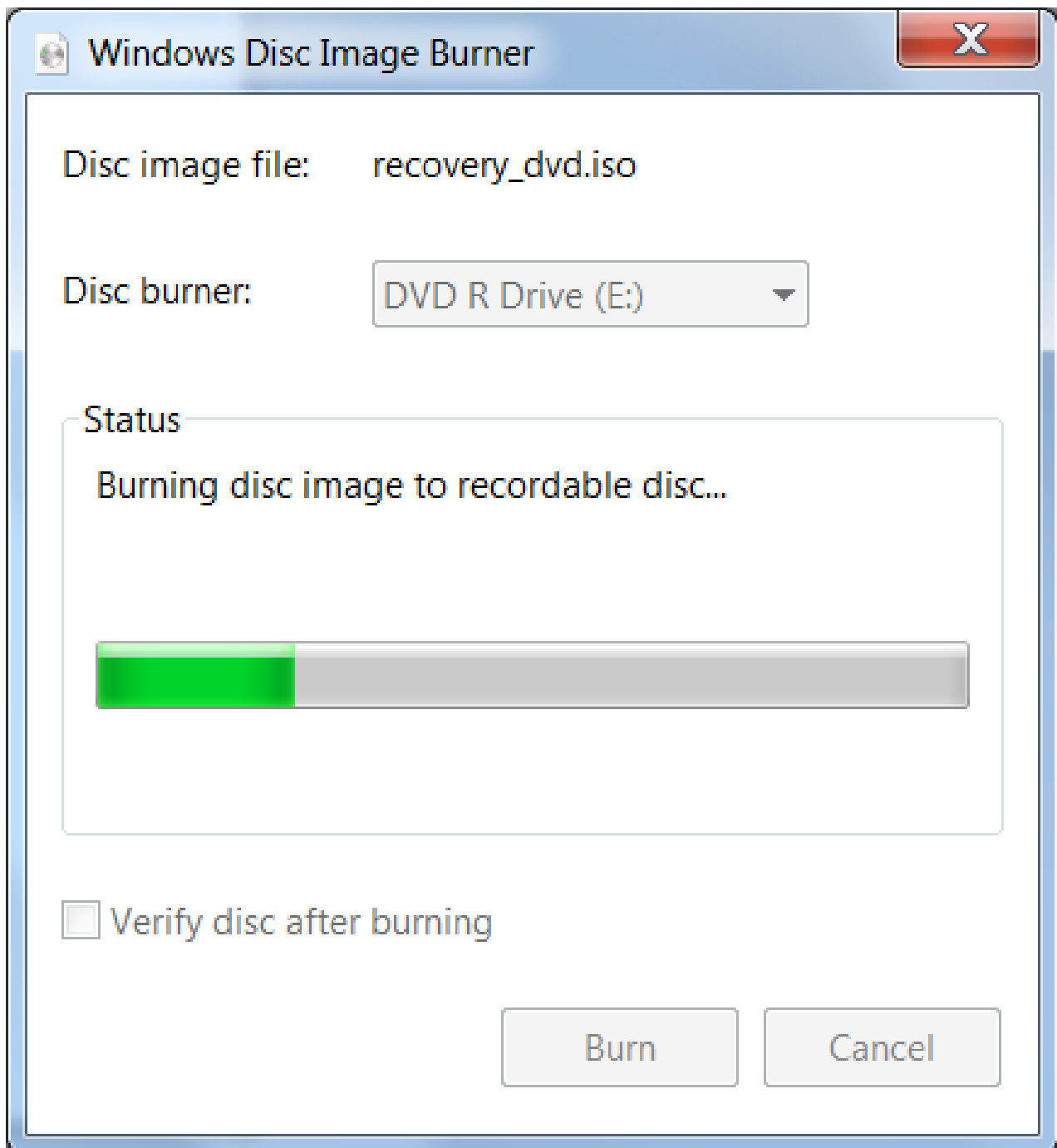
5. After the preparation process is completed, the application will first inform you about the number of blank writable DVD required for this burning operation. Please insert the first blank writable DVD to the DVD ROM.



6. When you click [Next], the burning operation window will be displayed. Please make sure that the blank writable disc is inserted properly, and then click [Copy] for recovery disc creation.



7. Please wait until the disc recording operation is completed. Please do not cancel or close during the operation.



Windows Disc Image Burner



Disc image file: recovery\_dvd.iso

Disc burner: DVD R Drive (E:)

Status

The disc image has been successfully burned to disc.

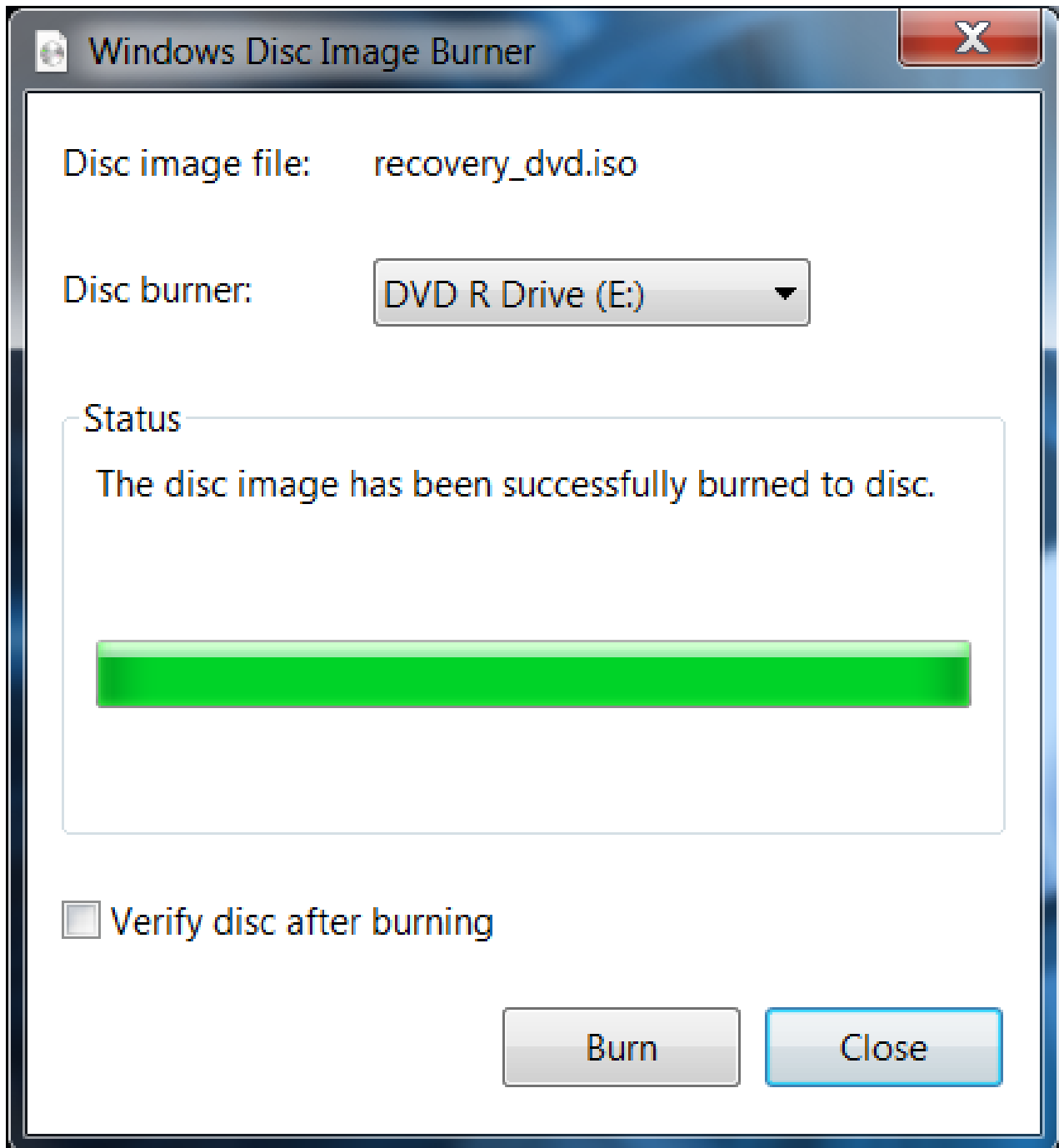


Verify disc after burning

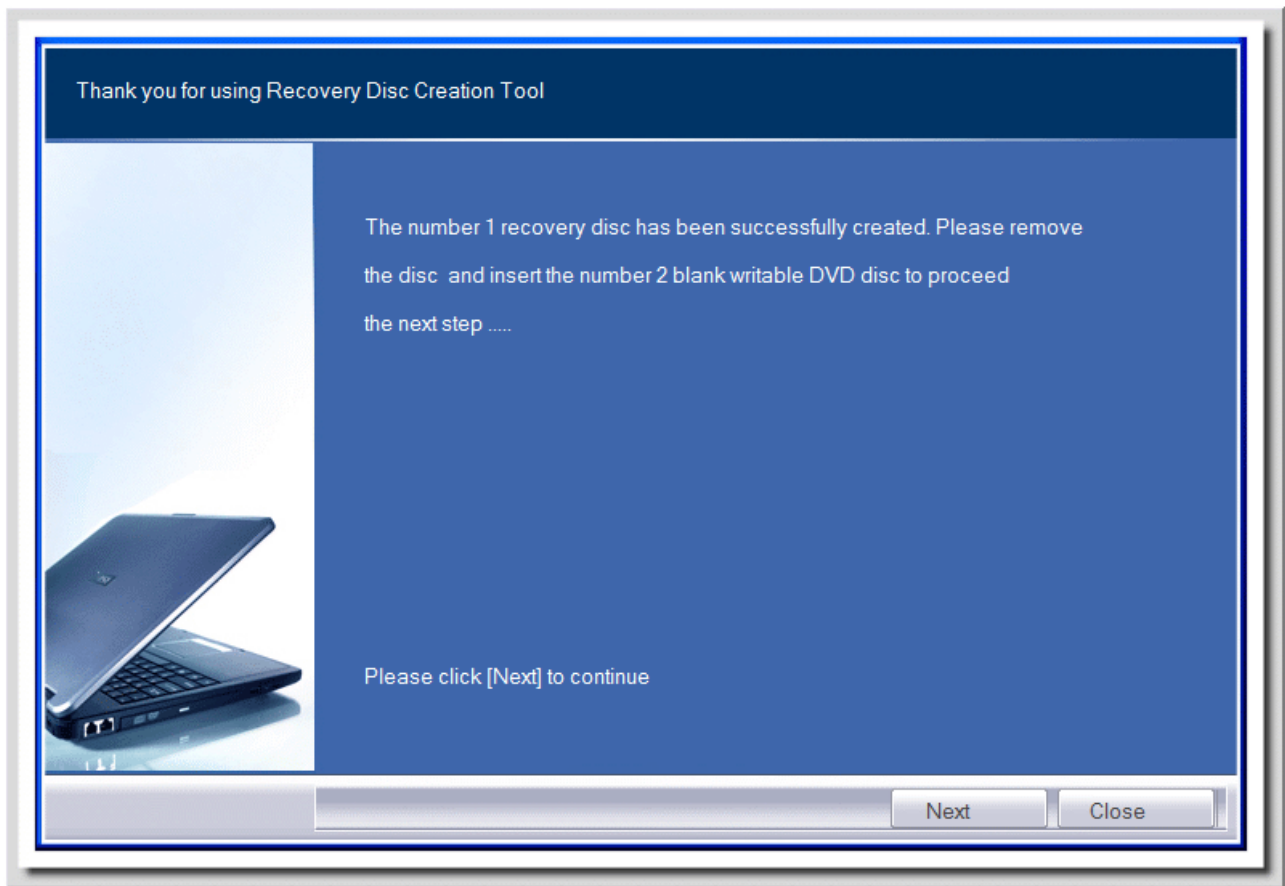
Burn

Close

8. After the disc is successfully created, please click [Close] to close the burning operation window.



9. If two blank writable DVD discs are required for the operation, the application will ask you to insert the second blank writable DVD disc in the DVD ROM. Please follow the procedure for creating the first recovery disc to create the second disc.



Windows Disc Image Burner



Disc image file: recovery\_dvd2.iso

Disc burner: DVD R Drive (E:)

Status

Burning disc image to recordable disc...

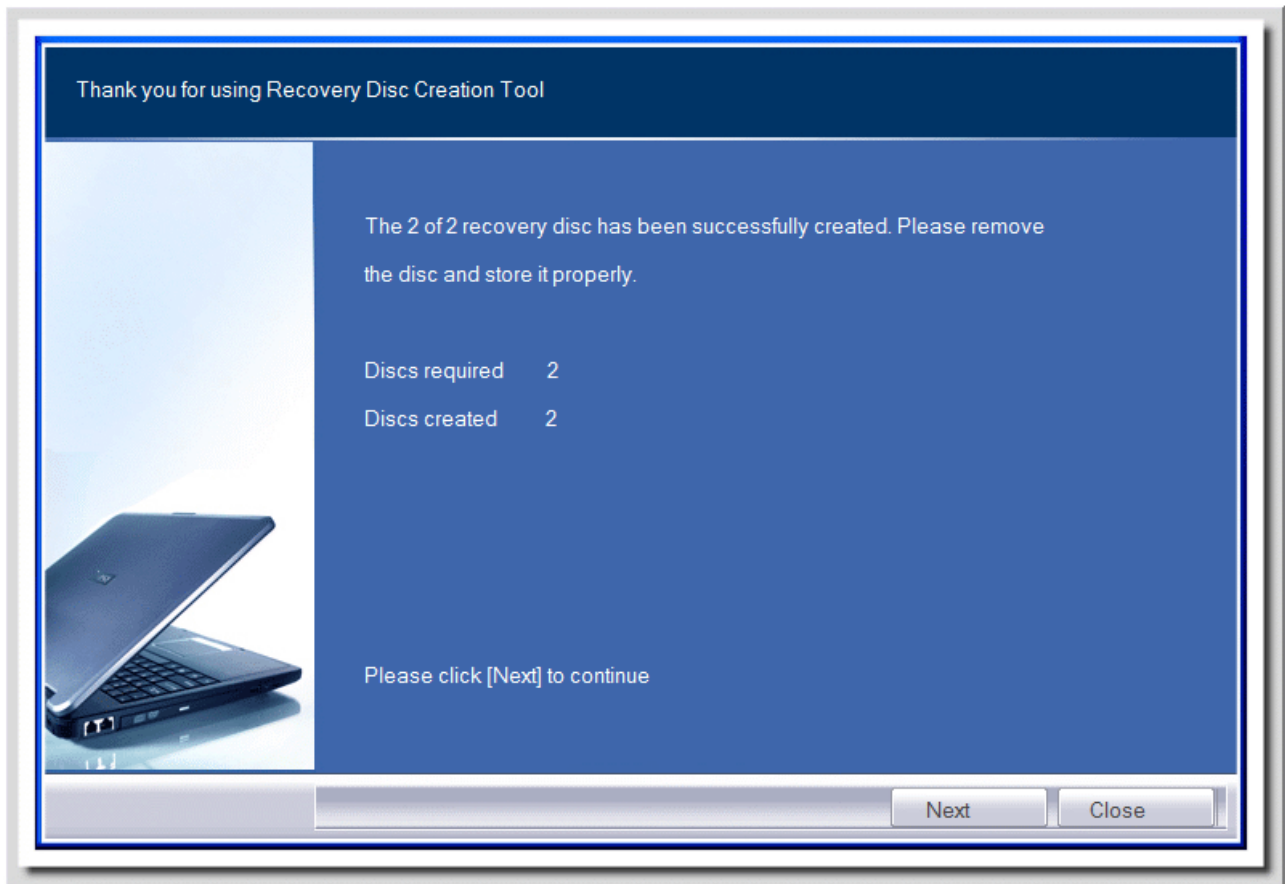


Verify disc after burning

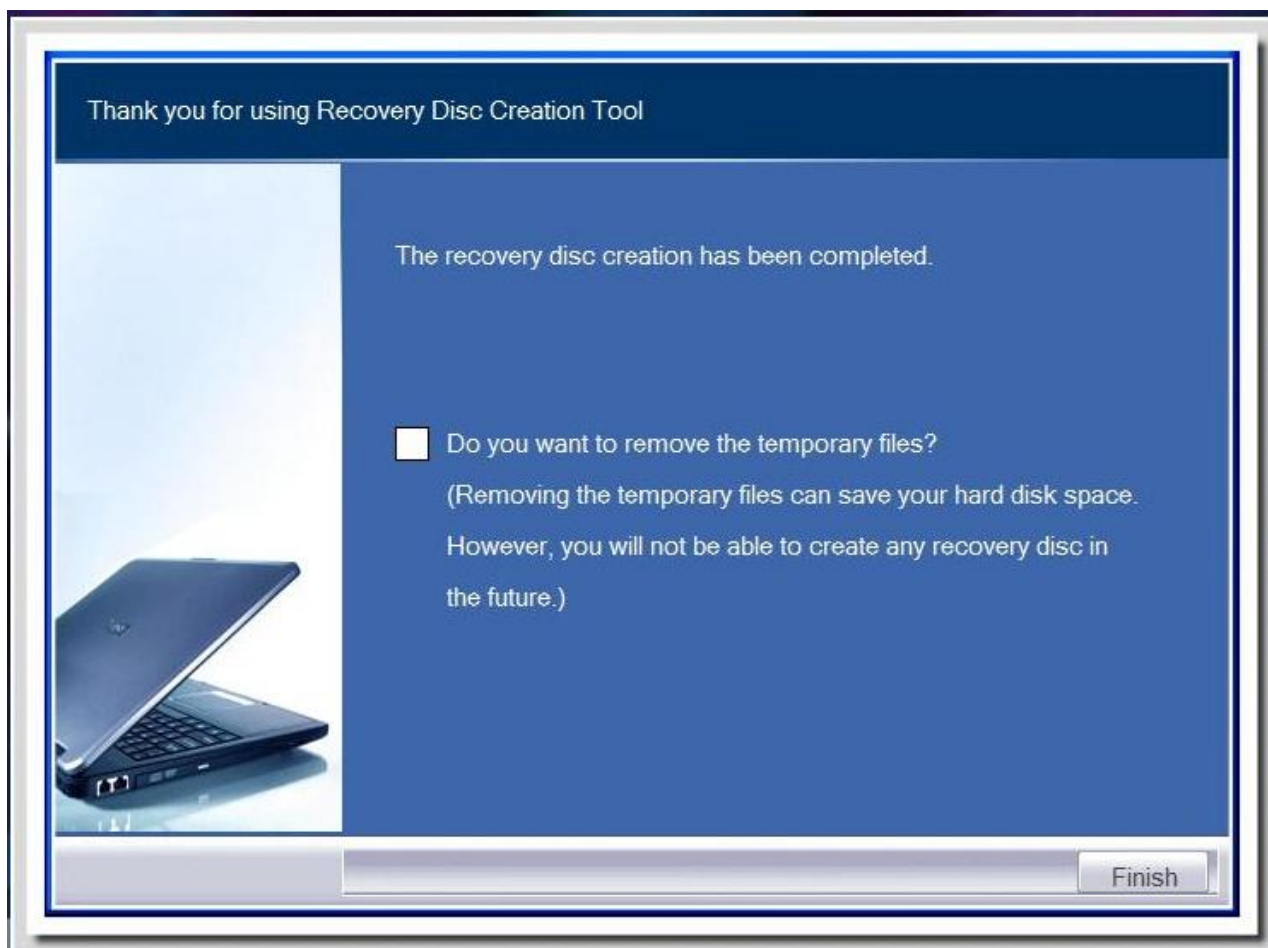
Burn

Cancel

10. When all the recovery discs are created successfully, the window to inform you of successful creation will appear.



11. If you are sure that you do not need to use the tool to create any other recovery disc, you can choose to remove the temporary files. This will save your hard disk space. Please click [Finish] to close Recovery Disc Creation Tool.



## Change RAID 0 Strip size from 32KB to 128KB

During the boot process, you can see INTEL IRST Option ROM utility screen, and Strip size is displayed as below picture.

```
Intel(R) Rapid Storage Technology - Option ROM - 11.0.0
Copyright(C) 2003-11 Intel Corporation. All Rights Res

RAID Volumes:
ID   Name           Level           Strip           S
0   Volume0        RAID0(Stripe)   32KB           1.

Physical Devices:
ID   Device Model    Serial #        Siz
1   Hitachi HTS72757 J3340084GRVNUB 698.60
4   Hitachi HTS72757 J3340084GPEB0B 698.60
Press <CTRL-I> to enter Configuration Utility..
```

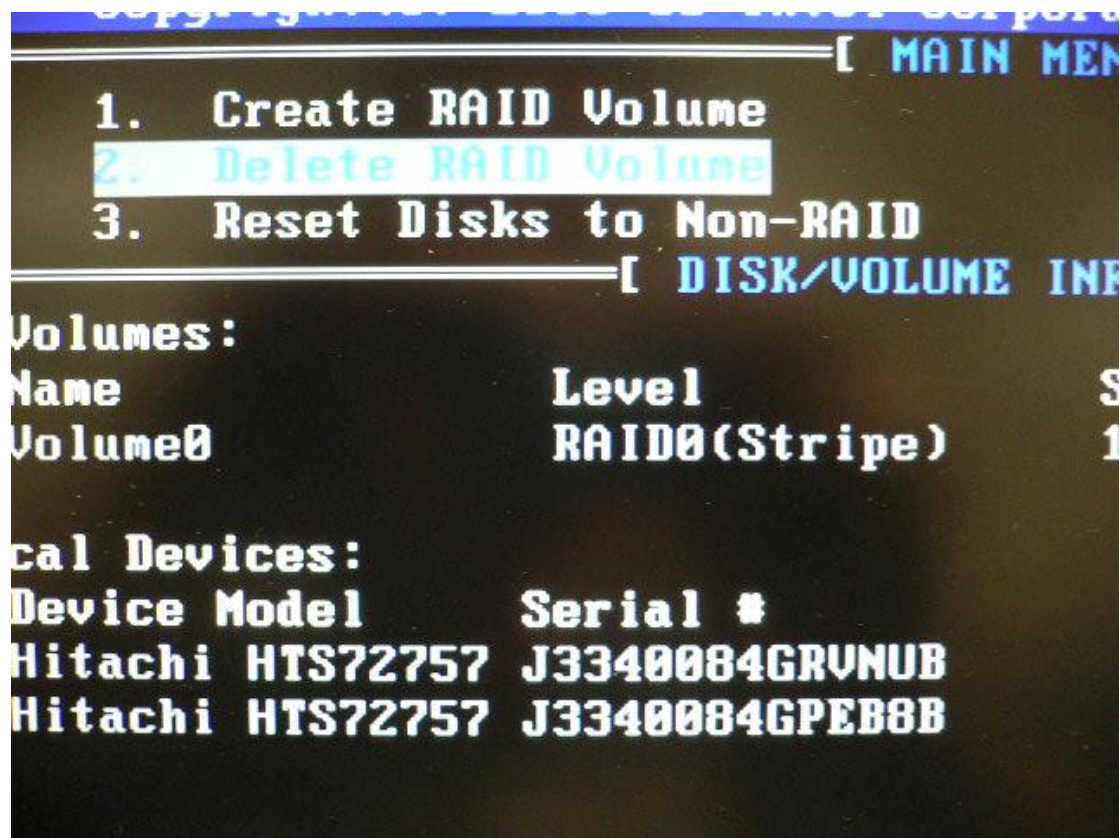
Press "CTRL + I" enter the setup utility when you see this screen.

```
Intel(R) Rapid Storage Technology -
Copyright(C) 2003-11 Intel Corporati

RAID Volumes:
ID   Name           Level
0   Volume0        RAID0(Strip

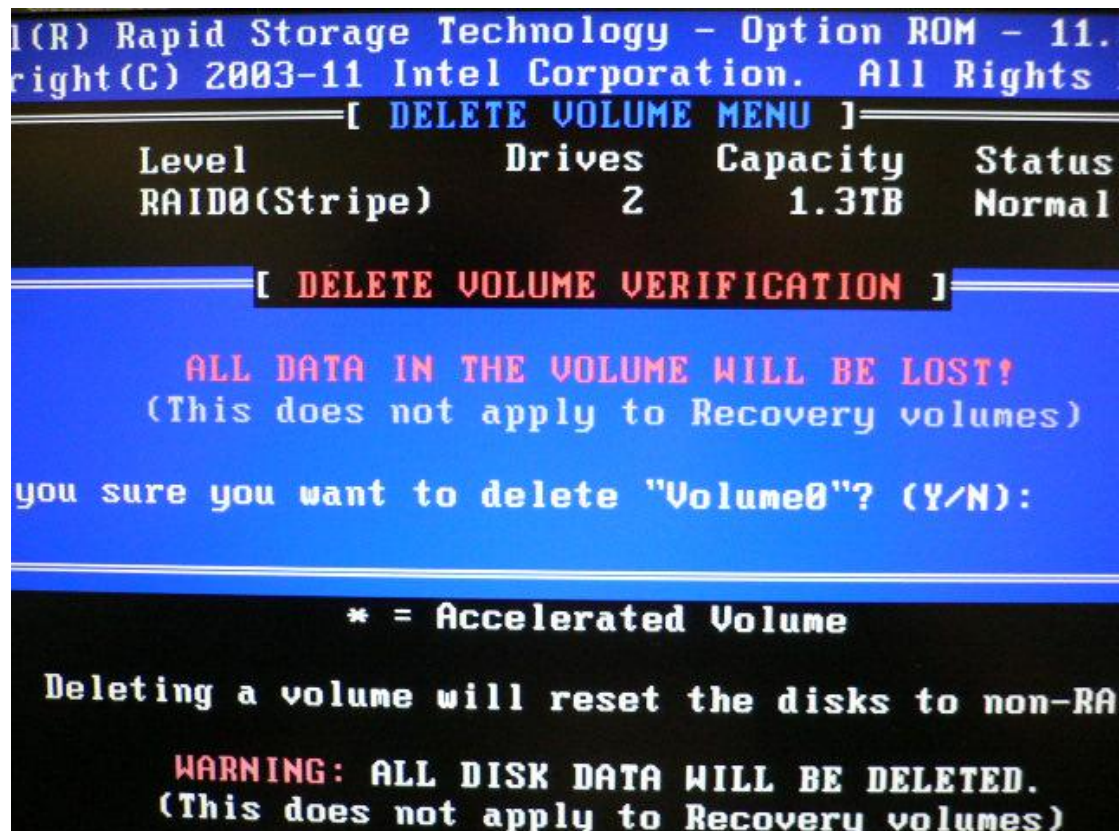
Physical Devices:
ID   Device Model    Serial #
1   Hitachi HTS72757 J3340084GRVN
4   Hitachi HTS72757 J3340084GPEB
Press <CTRL-I> to enter Configuratio
```

Use arrow key to select item 2. "Delete RAID Volume"

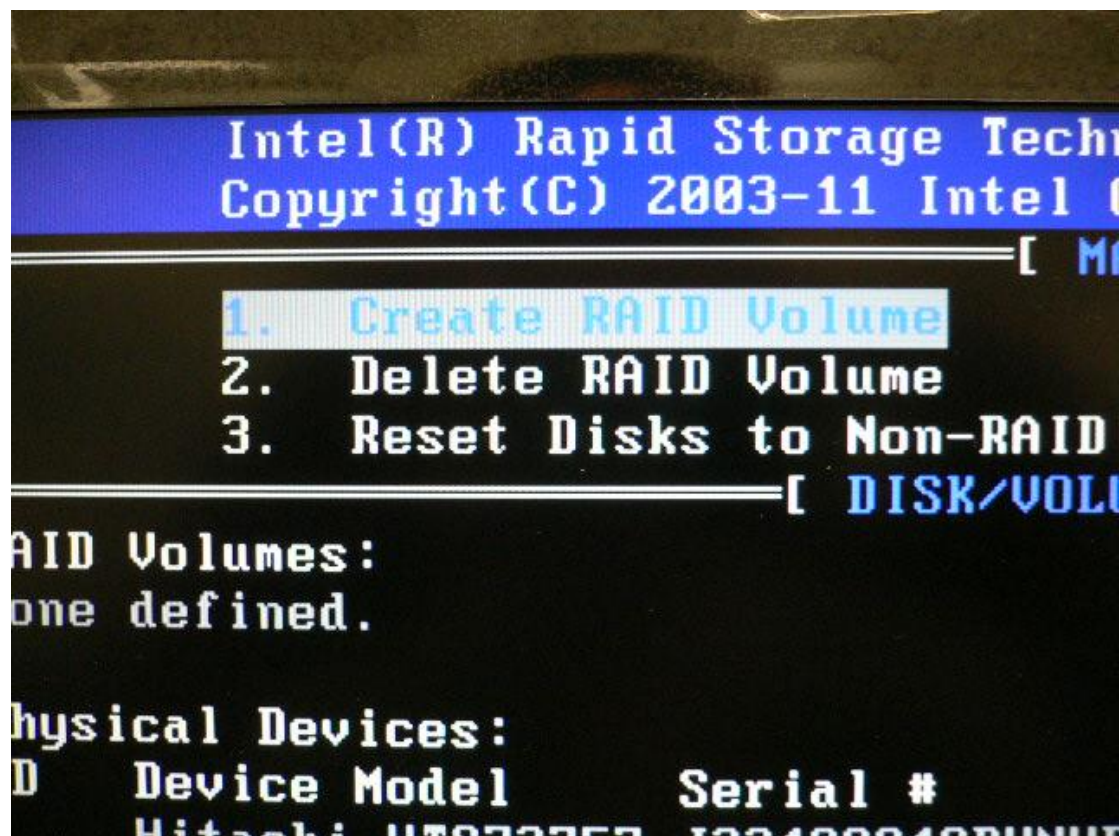


Press "Delete" key.

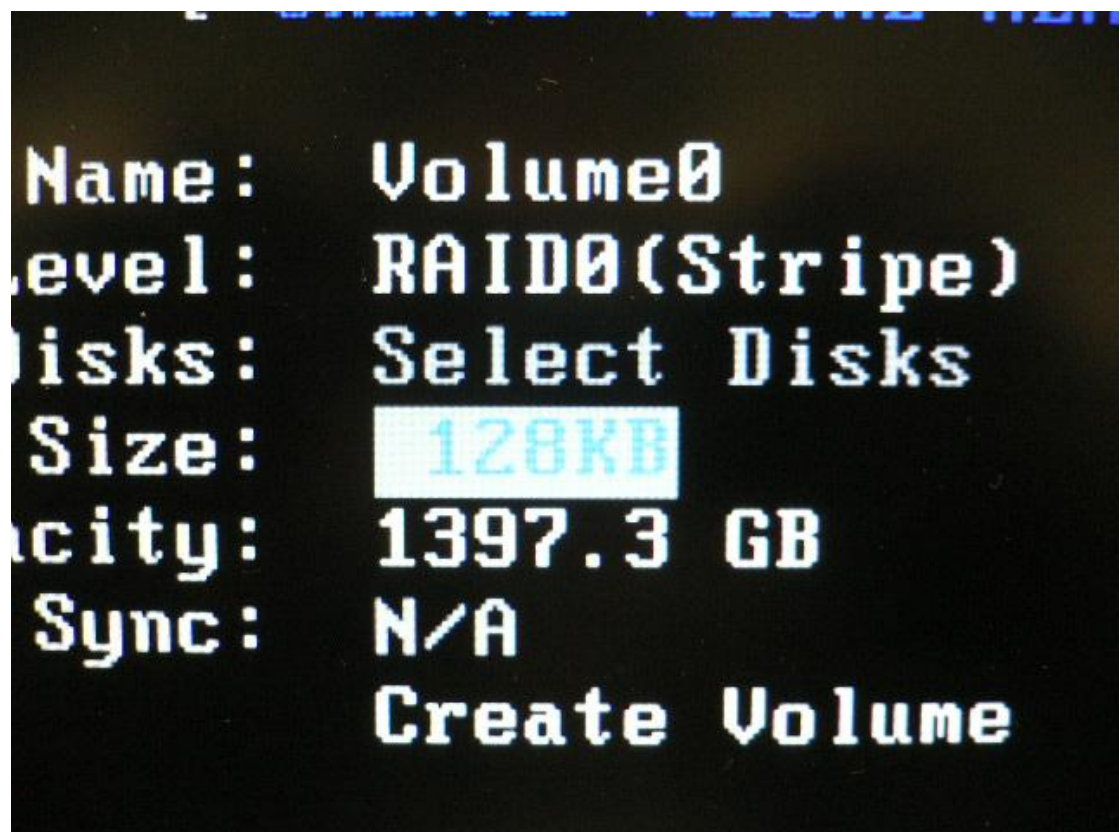
Type "Y" to delete the original volume.



Back to main menu, and select 1. Create RAID Volume.



Press Enter to confirm Volume name, RAID Level, and in Strip Size item, use arrow key to change the value to 128KB.



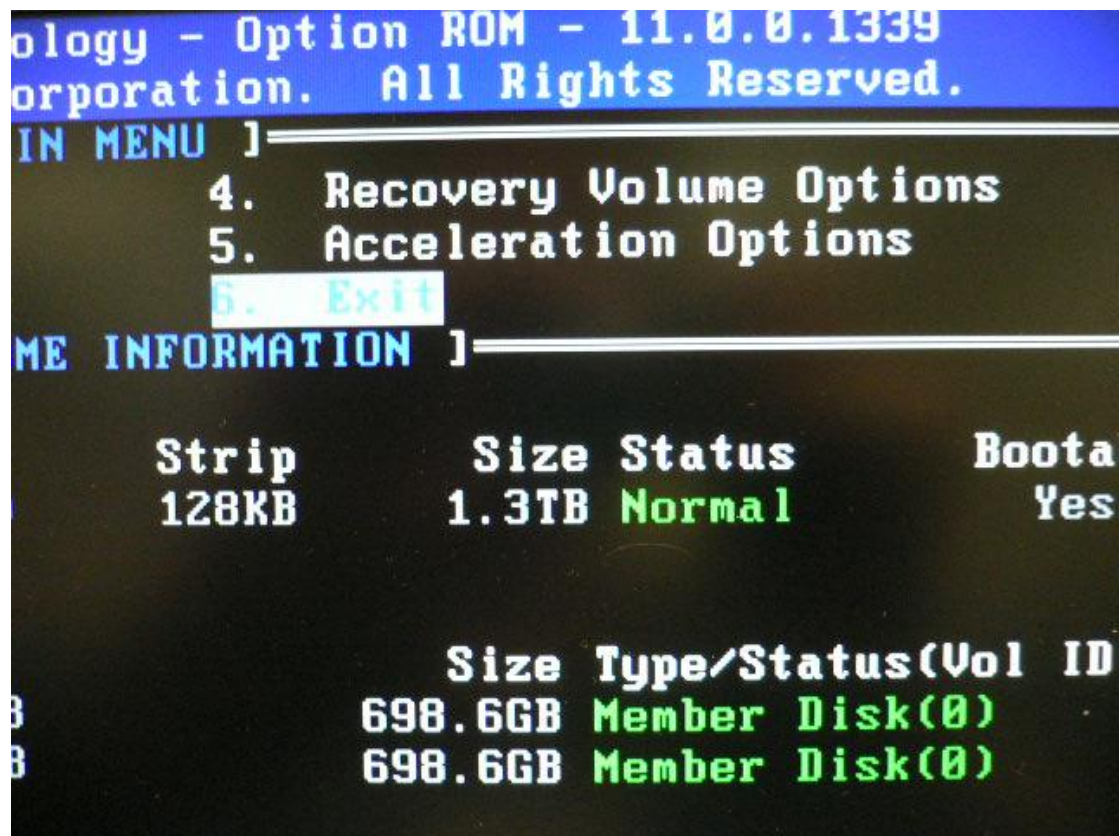
Press Enter to confirm "Create Volume".



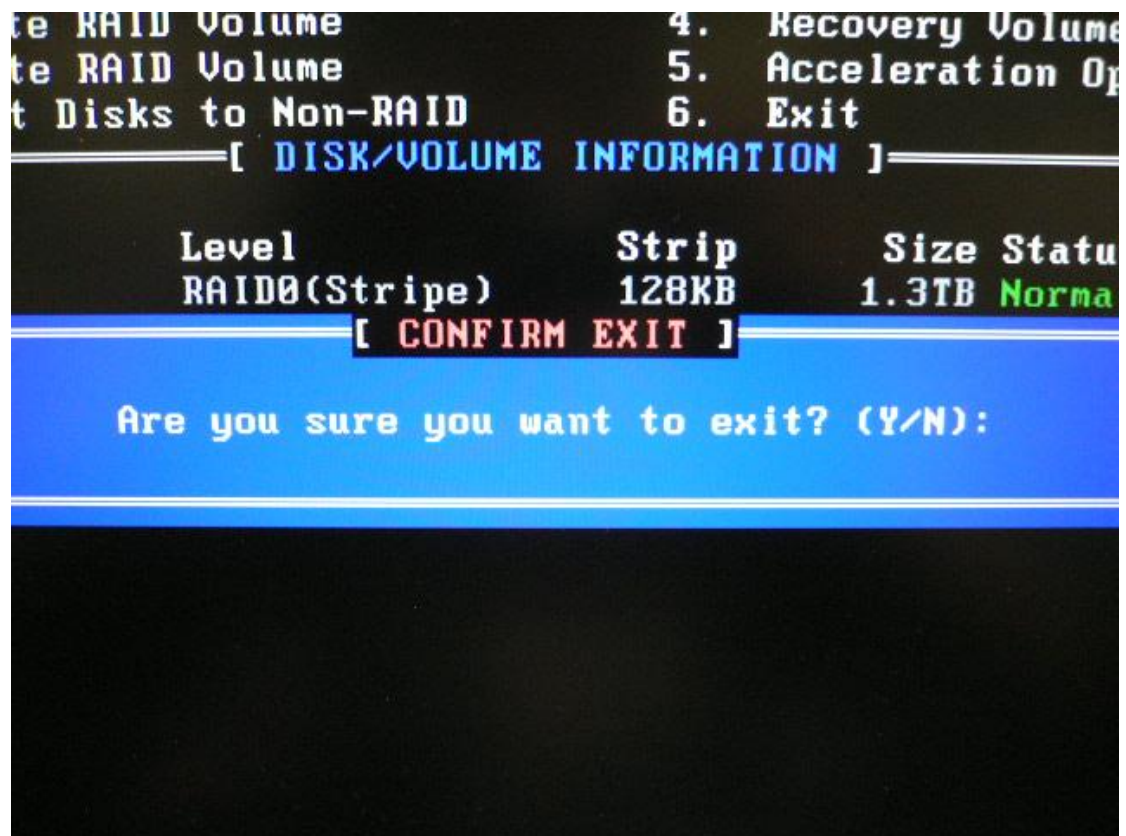
Type "Y" to confirm.



Back to main menu, select Exit and press Enter.




Type "Y" to exit.



## Recover the system with Recovery DVD

Please must connect laptop AC adapter to avoid the power off during Recovery process.

1. Insert the Driver CD into the optical disk drive, and then restart the notebook by pressing the Power button.
2. Press the F11 hotkey on the keyboard of the notebook when the following message appears on the display.

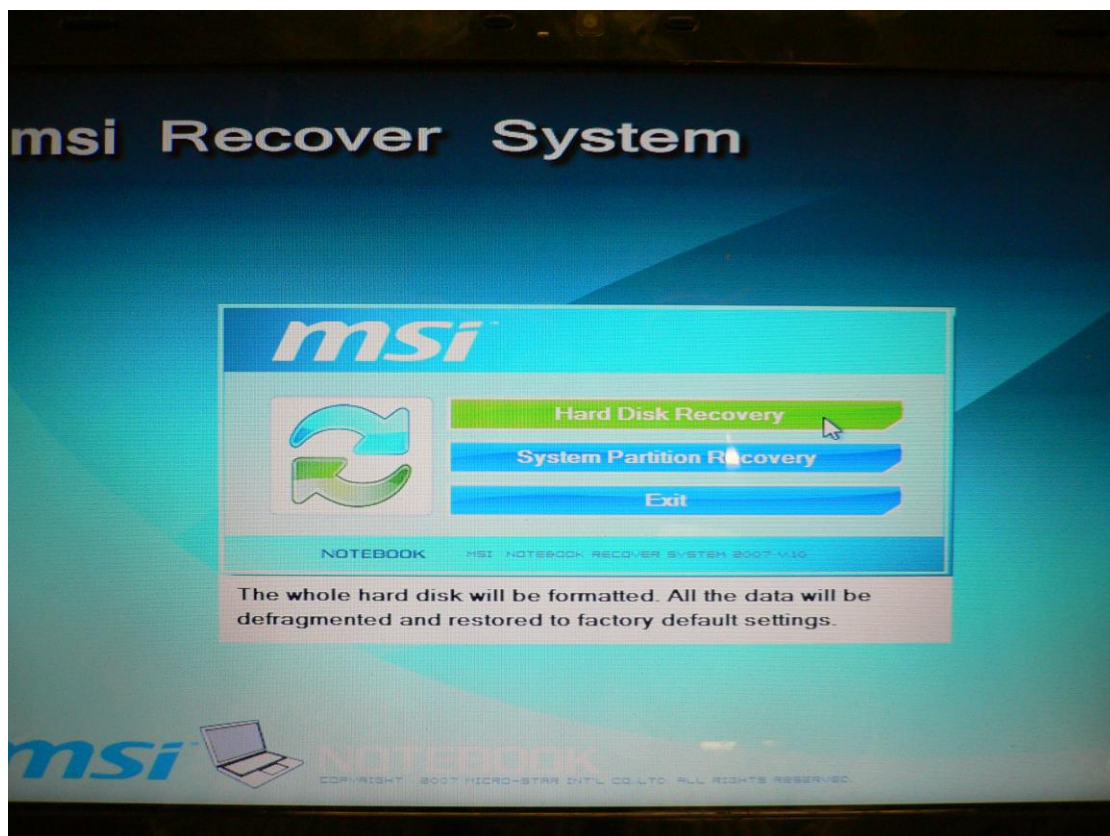


Press DEL key to run Setup  
Press F11 to run Boot Menu  
Press Tab to show POST screen  
Press F3 key to run Recovery

3. Select the [CD/DVD] device as the boot device, and press [Enter] to confirm the selection, and then, press any key to reconfirm the selection when the prompt message of [Press any key to boot from CD or DVD...] appears.



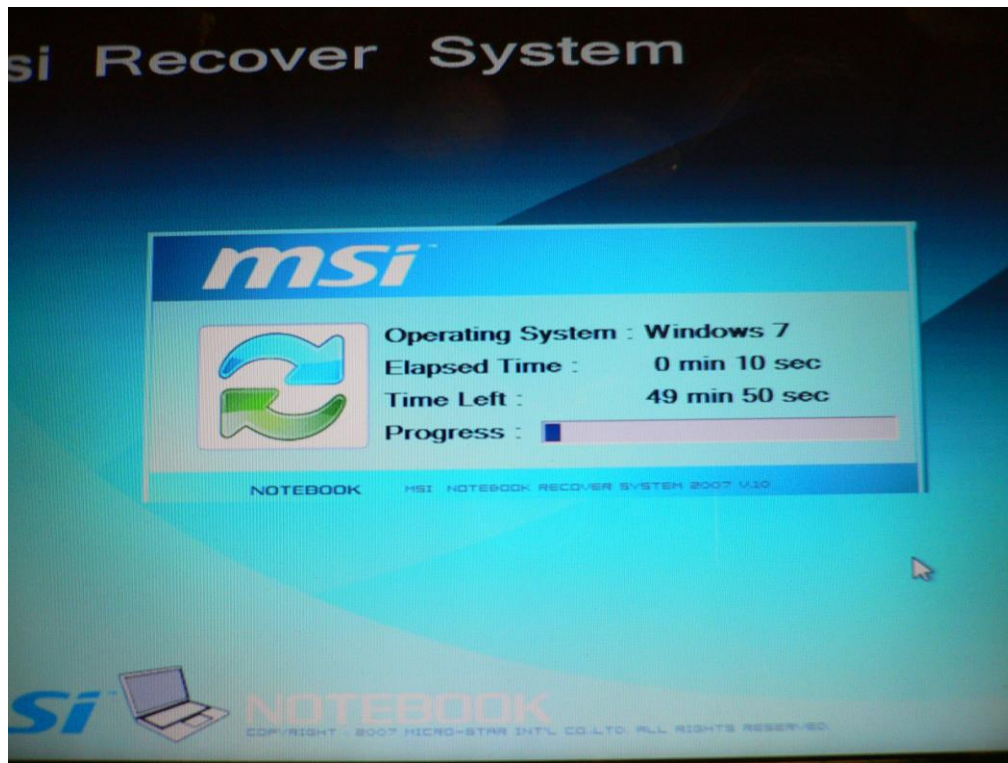
4. Choose "Hard Disk Recovery" to continue the process.



Click "Yes" to continue.



Please be patient and don't turn off computer until the DSIC 2 prompt message appears.



Insert DISC 2 and click OK to finish the Recovery. Shut down the Notebook after the recovery completed. And system will auto start the Windows setup at the next time you turn on the Notebook.

