

[How To] Create recovery image on Windows 10 preloaded system

(For Windows 10 pre-installed system only)

MSI recommends all users to create a system backup image in case of most errors. Please follow the steps below to back up and restore the pre-installed system through MSI Center/ MSI Dragon Center/ MSI Creator Center or MSI BurnRecovery tool.

- I. [Create System Backup](#)
- II. [Make sure the recovery files have been generated completely](#)
- III. [Restore Windows system by Recovery media](#)

Before Starting:

- Use 32GB or larger USB flash for creating Recovery USB flash disk.
- Keep the AC adapter plugged during the whole recovery process.
- Do NOT modify (move or delete) any system files or clean the system disk.
- Check following FAQ and video links before starting the process.

FAQ 1740 - What should I do if there is a message box showing "The disc image file is too large and will not fit on the recordable disc" when BurnRecovery tool is creating the system recovery disc?

<http://www.msi.com/faq/nb-1740.html>

FAQ 1766 - Why can't I choose the separate destination disks when using the recovery media created by BurnRecovery tool?

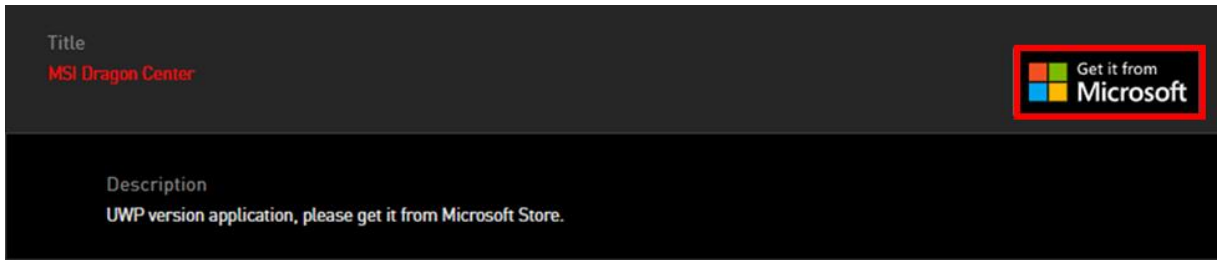
<http://www.msi.com/faq/nb-1766.html>

YouTube Video: How to restore Windows 10 system on MSI Notebooks?

<https://www.youtube.com/watch?v=hSrK6xAQooU>

I. Create System Backup

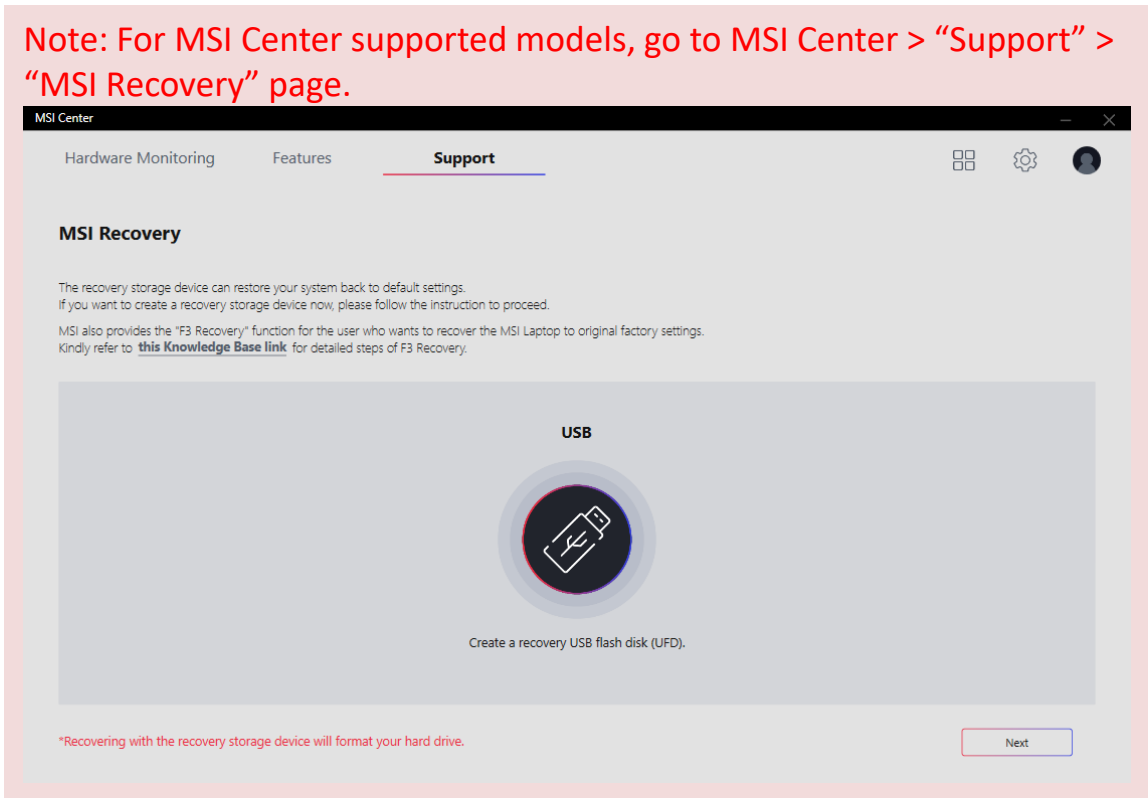
To check whether the laptop supports UWP version MSI Center/ MSI Dragon Center/ MSI Creator Center, visit MSI website and go to the “Utility” tab in the download page of the product. If MSI Center/ MSI Dragon Center/ MSI Creator Center Microsoft Store download link can be found, follow [Method A](#) to create system backup. If not, follow [Method B](#) to create system backup with MSI BurnRecovery.



Note: The system backup created with the methods below is used to restore the laptop back to factory defaults when the system encounters issues.

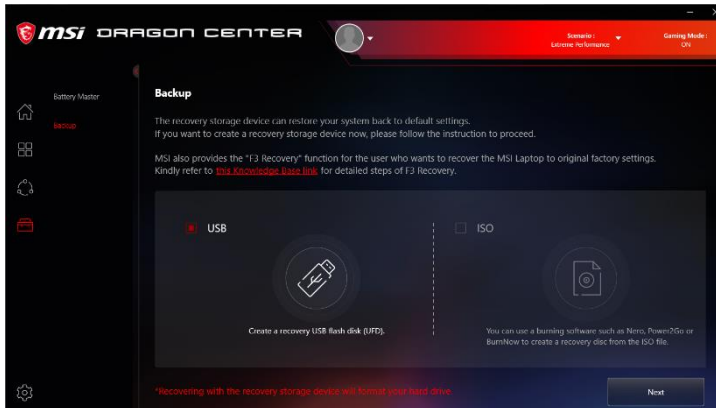
Method A: Create System Backup in MSI Center/ MSI Dragon Center/ MSI Creator Center

1. Go to MSI Dragon Center/ Creator Center > “Tools” > “Backup” page.

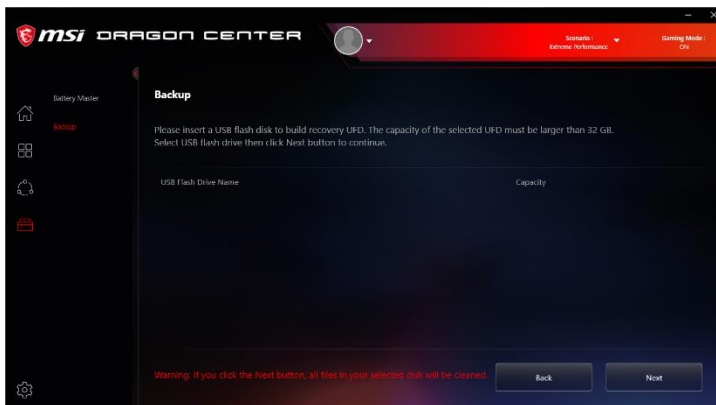


2-1. Create Recovery USB Flash

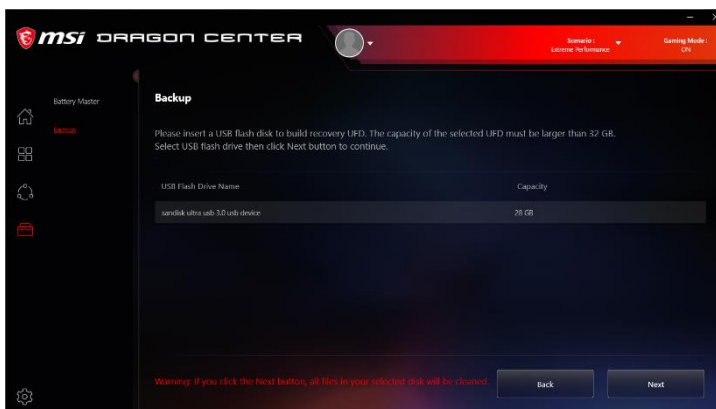
- 1) Select [USB], and then follow the on-screen instructions to continue.



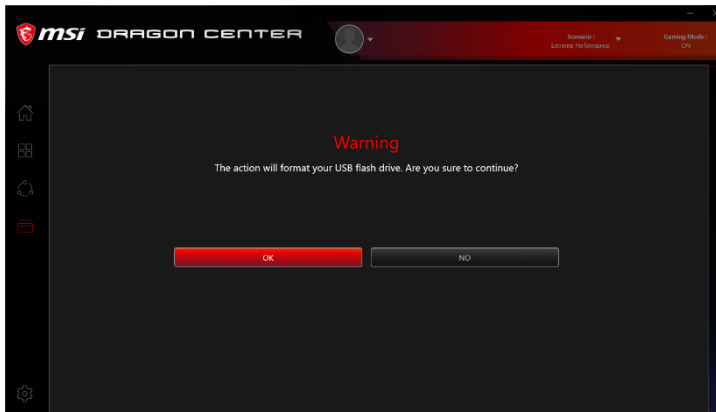
- 2) Insert an USB flash disk with the capacity required.



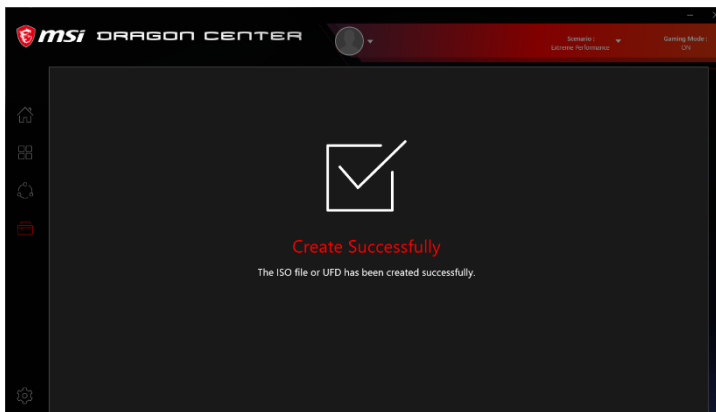
- 3) Select the directory path of the inserted USB flash disk, and then select [Next].



4) Select [OK] to format the USB flash drive and continue.

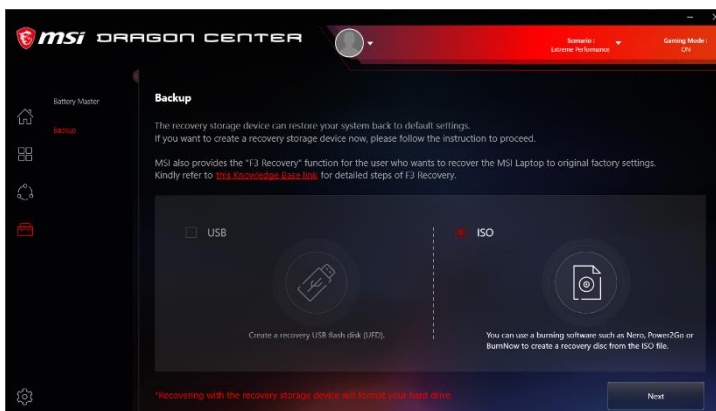


5) Recovery USB Flash created completely.

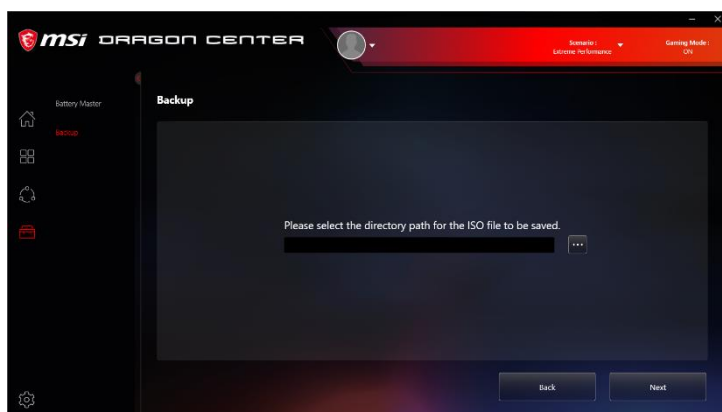


2-2. Create Recovery ISO file

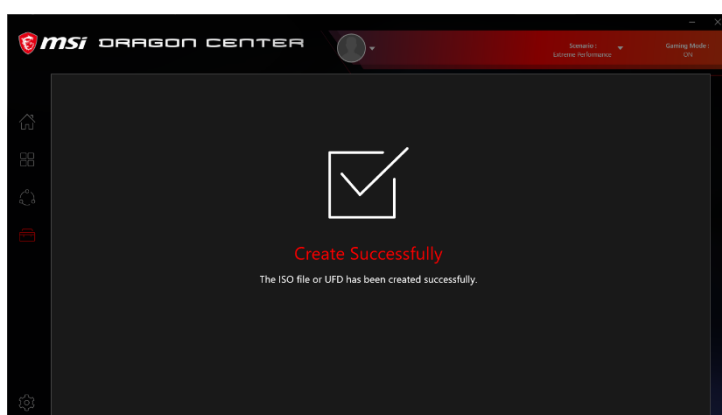
1) Select [ISO], and then follow the on-screen instructions to continue.



2) Select the directory path of where the ISO file will be saved, and then select [Next].



3) Recovery ISO file created and saved successfully.

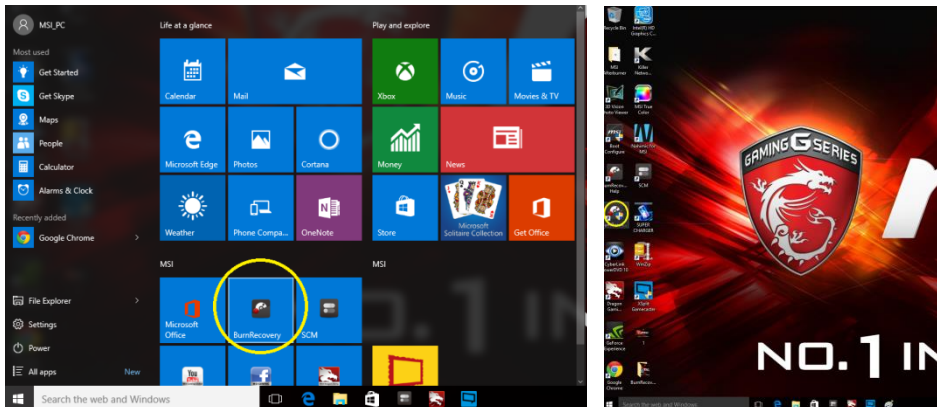


4) This ISO file can be used to make a recovery disk by the burning software.

Method B: Create System Backup by MSI BurnRecovery

1. Activating the Utility

- 1) Find the shortcut of BurnRecovery on the Start Screen or Windows desktop.
- 2) Double click on the shortcut to activate MSI BurnRecovery.



- 3) Main menu of MSI BurnRecovery.



2-1. Create Recovery Disk

Note: If the disc image file is larger than a DVD-9 (7.95GB) disc, this option will not be available, please select the Recovery USB flash drive to create the system recovery disc.

- 1) Select [Recovery Disk], and then follow the on-screen instructions to continue.

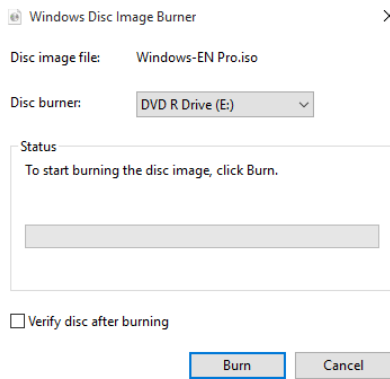


- 2) Prepare writable disks as BurnReovery requested.

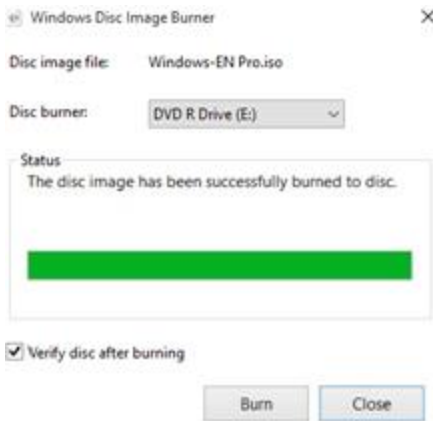


3) Place the disk into the optical drive device, and then select [Burn].

Note: Closing the other applications while burning the recovery disk is suggested.



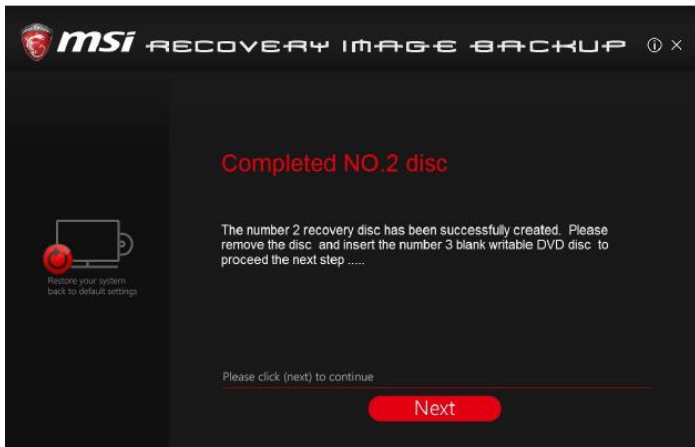
4) Click [Close] when a disk is successfully created.



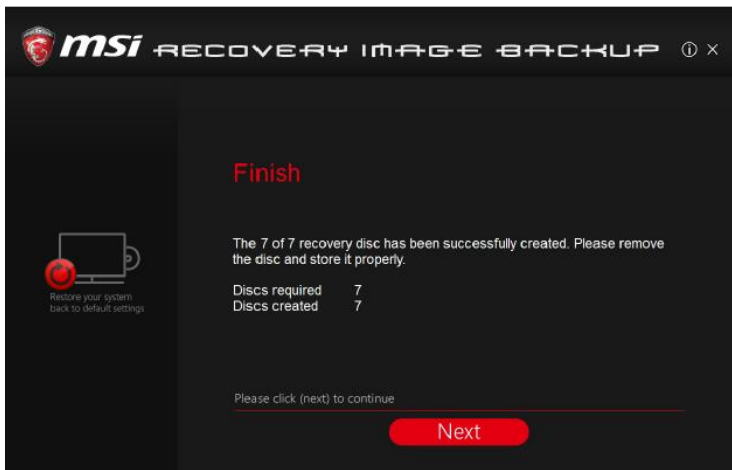
5) Click [Next] to continue the procedure of creating and burning recovery disks.



- 6) Exchange and place the rest disks into the optical drive device as instructed.

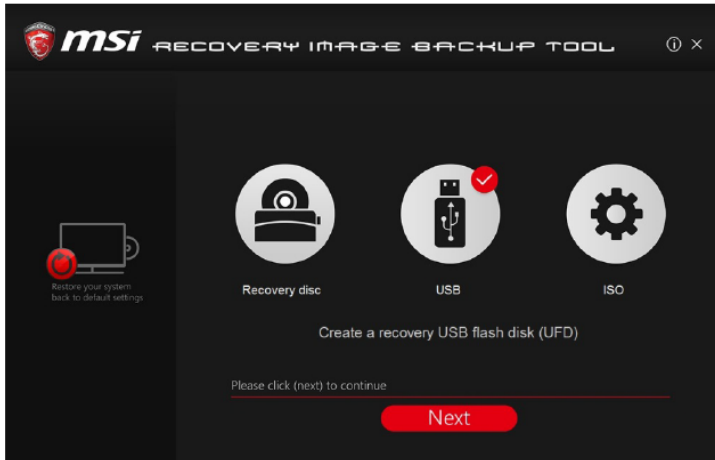


- 7) All recovery disks created and burned successfully.



2-2. Create Recovery USB Flash

1) Select [USB], and then follow the on-screen instructions to continue.



2) Insert an USB flash disk with the capacity required.



3) Select the directory path of the inserted USB flash disk, and then select [Next].



4) Recovery USB Flash created successfully.

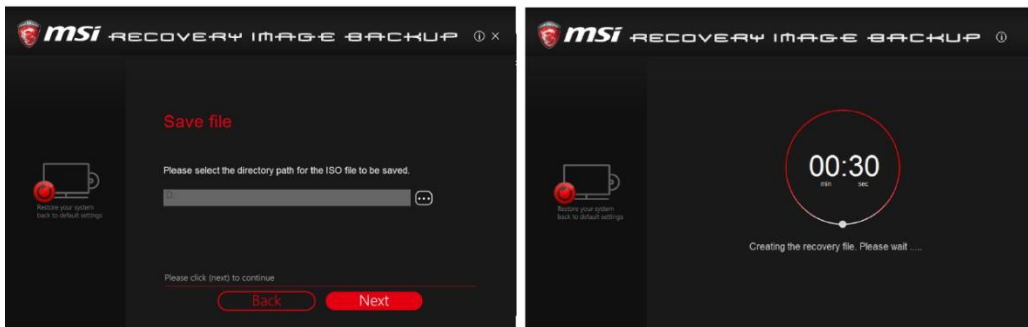


2-3. Create Recovery ISO file

1) Select [ISO], and then follow the on-screen instructions to continue.



2) Select the directory path of where the ISO file will be saved, and then select [Next] and [OK] to continue.



3) Recovery ISO file created and saved successfully.



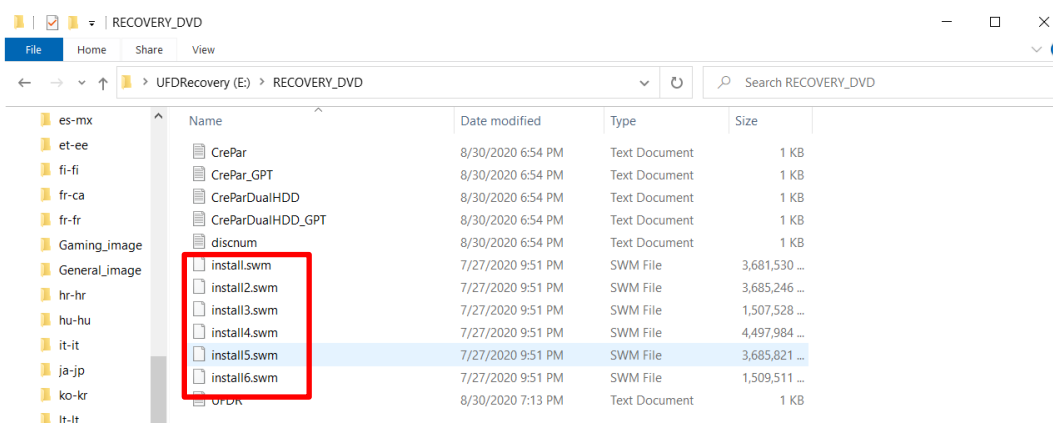
4) This ISO file can be used to make a recovery disk by the burning software.

II. Make sure the recovery files have been generated completely

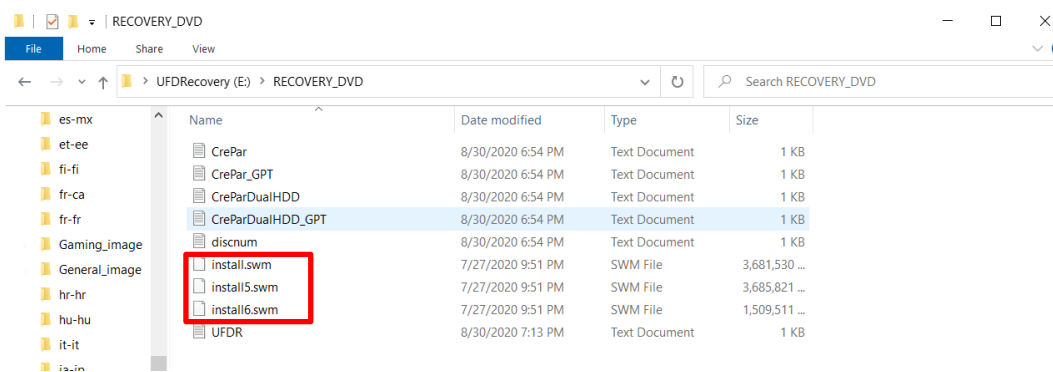
1. Go to UFDRecovery disk\RECOVERY_DVD and check the .swm files have been generated following “install.swm”, “install02.swm”, “install03.swm”.... If there is a .swm file missing, please follow [FAQ 3737](#) to reinstall the latest MSI Dragon Center/ Creator Center and create a recovery disk again.

Note: The number of “install.swm” files will be different depending on the size of recovery image.

Successful:



Failed:



III. Restore Windows system by Recovery media

1. Insert the DVD recovery disks or USB flash drive to your computer.
2. Restart the computer.
3. Press the [F11] hotkey on the keyboard while the computer is re-booting.
4. Select to boot from [DVD Recovery disk] or [USB flash drive], and press [Enter] to confirm the selection, and then follow the on-screen instructions to continue.
5. The main page of Recovery System appears.



6. Select [Hard Disk Recovery] to restore the hard disk to factory default settings.



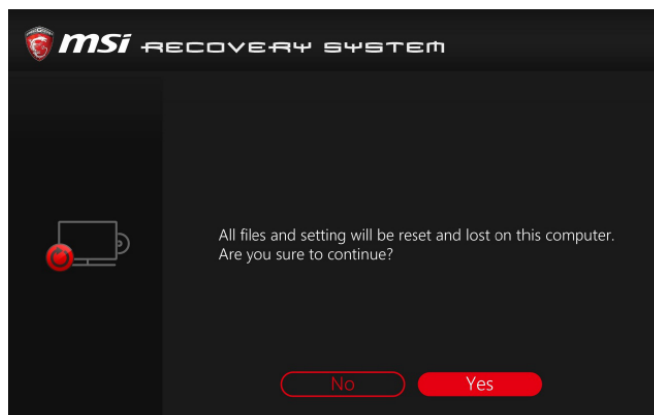
7. Select [System Partition Recovery] to reset the hard disk drive partition where the operating system installed to the manufactory default settings.



8. AC power is required while proceeding the System Recovery Function. Assure the AC power is connected to the notebook before next step.



9. The system recovery process will format the hard disk drive; make sure that the important data has been backed up before continuing the process.



10. Follow the on-screen instructions to continue.

