

NAPPHDD



Aug. 18 2016
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Outline

Create a NAPPHDD

- USB Flash Drive
- External Hard Disk Drive
 - The Sample of Creating Partitions using diskpart
 - Content

Guideline and UI

Add drivers into WinPE of NAPPHDD

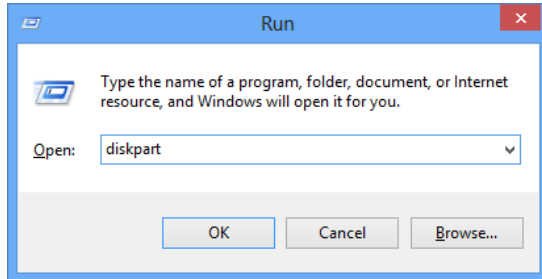
Create a NAPPHDD

USB Flash Drive

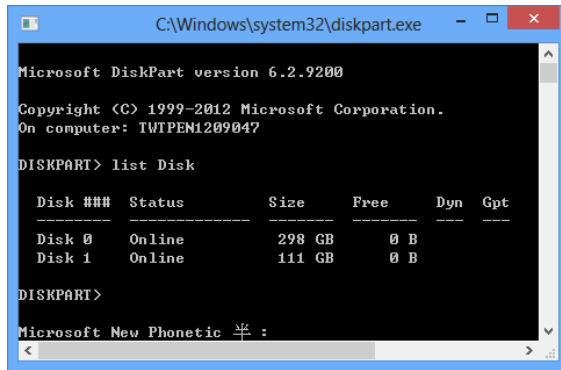
Create a NAPPHDD - USB Flash Drive

The Sample of Creating Partitions using **Diskpart** in OS:

1. Press Win+R and input “diskpart”.



2. Input “list disk”



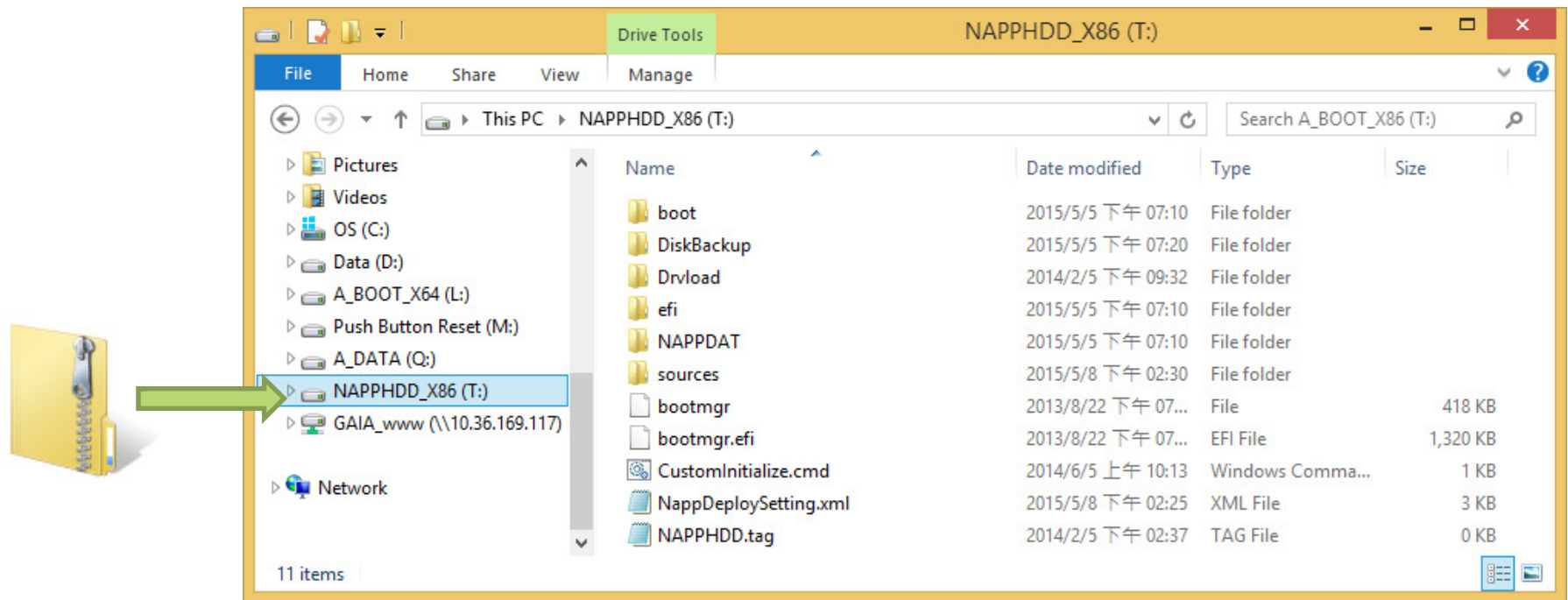
You will see all disk in this computer.

In this sample, we will create partitions on “Disk 1”.

3. Input “*select disk=1*”, *please double check this disk index.*
4. Input “*clean*”
5. Input “*create partition primary*”
6. Input “*format fs=fat32 label=NAPPHDD quick*”
7. Input “*active*”
8. Input “*assign*”

Create a NAPPHDD - USB Flash Drive

- Unzip the NAPPHDD_%version%.iso to the USB flash drive.



- Please note that an USB only can create one partition. If you need to create NAPPHDD for x86 and x64, you need to prepare two USB and follow SOP to create NAPPHDD twice.

Create a NAPPHDD

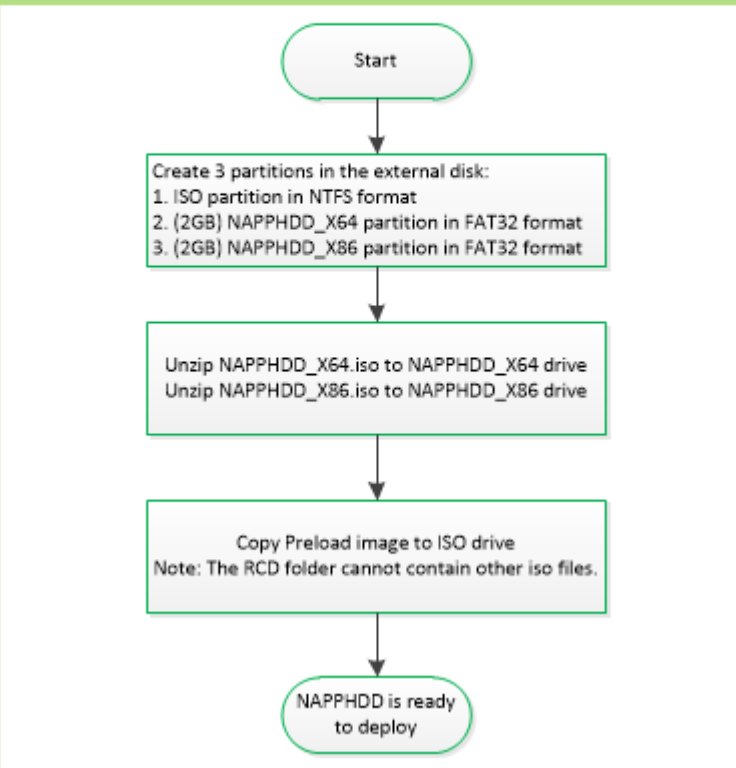
External Hard Disk Drive

Create a NAPPHDD - External Hard Disk Drive

Topic: Create NAPPHDD for acer preload image deployment

Requirement:

1. A external disk
2. NAPPHDD x64 and x86 iso files
3. Preload Image (RCD/SCD/LPCD/Patch)



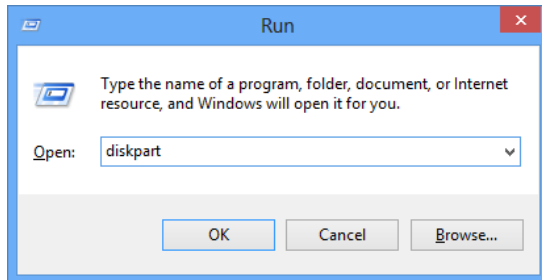
Create a NAPPHDD - External Hard Disk Drive

- Using diskpart.exe to create three partitions:
 - The purpose of first partition is the NAPPHDD x64:
 - File System: FAT32
 - Size >= 2048MB
 - The purpose of second partition is the NAPPHDD x86:
 - File System: FAT32
 - Size >= 2048MB
 - The purpose of third partition is saving the .iso files:
 - File System: NTFS
 - Size = The rest of space.
- Copy files to HDD
 - Unzip the NAPPHDD_%version%_x64.iso to the NAPPHDD_X64 partition.
 - Unzip the NAPPHDD_%version%_x86.iso to the NAPPHDD_X86 partition.
 - Copy preload image .iso files to the NAPPHDD_ISO partition.
 - Remind: Same softload's RCDs must be stored in same folder and the folder could not contain other iso files.

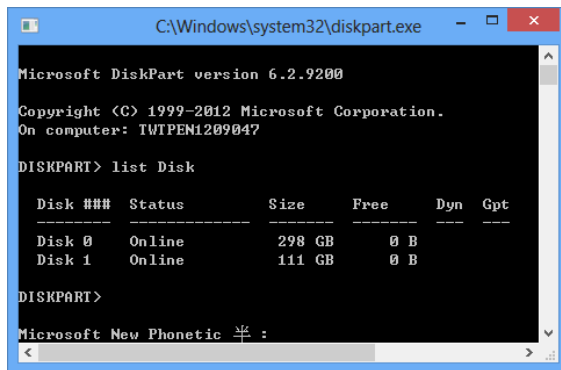
Create a NAPPHDD - External Hard Disk Drive

The Sample of Creating Partitions using **Diskpart** in OS:

1. Press Win+R and input “diskpart”.



2. Input “list disk”



You will see all disk in this computer.

In this sample, we will create partitions on “Disk 1”.

3. Input “*select disk=1*”, *please double check this disk index.*

4. Input “*clean*”

5. Input “*create partition primary size=2048*”

6. Input “*format fs=fat32 label=NAPPHDD_X64 quick*”

7. Input “*active*”

8. Input “*assign*”

9. Input “*create partition primary size=2048*”

10. Input “*format fs=fat32 label=NAPPHDD_X86 quick*”

11. Input “*assign*”

12. Input “*create partition primary*”

13. Input “*format fs=NTFS label=NAPPHDD_ISO quick*”

14. Input “*assign*”

Guideline and UI

Guideline and UI – Step 1. Set Shipping OS

NAPPHDD

1. Shipping OS (OS1) 2. Second Image (OS2) 3. Patch CD 4. Deployment Others

RCD (or FIB CD) Path

Set

SCD Path

Set

LPCD Path

Add

Remove

☐ W10 Factory Image (*.wim/*.swm)

acer Save Setting Load Setting

Guideline:

1. Click “Set” in RCD row, then select the RCD iso file
2. Click “Set” in SCD row, then select the SCD iso file
3. Click “Add” in LPCD row, then select the LPCD iso file

Note: the all RCD iso files must in same folder and RCD's folder cannot contains other non RCD iso files

Note: UI may have a little change when NAPPHDD update, but you still can follow this guideline to use.

Guideline and UI – (Option) Step 2. Set Second OS

NAPP HDD

1. Shipping OS (OS1) 2. Second Image (OS2) 3. Patch CD 4. Deployment Others

RCD (or FIB CD) Path

Set

SCD Path

Set

LPCD Path

Add

Remove

acer Save Setting Load Setting

Guideline:

- Refer to previous page.
- Please follow below table to setup dual-load

OS Conf.	Shipping OS	Second OS
W7+W8	W7	W8
W7+W81	W7	W81
W7+W10	W7	W10

Guideline and UI – Step 3. Add Patch

The screenshot shows the NAPPHDD utility window with the '3. Patch CD' tab selected. The window has a title bar with 'NAPPHDD' and a close button. Below the title bar is a tabbed interface with five tabs: '1. Shipping OS (OS1)', '2. Second Image (OS2)', '3. Patch CD', '4. Deployment', and 'Others'. The '3. Patch CD' tab is active, displaying a large text area for 'Patch CD Path' and a smaller text area for 'Bom Zip Path'. To the right of the 'Patch CD Path' area are 'Add' and 'Remove' buttons. To the right of the 'Bom Zip Path' area is a 'Set' button. At the bottom of the window, there is an 'acer' logo and two buttons: 'Save Setting' and 'Load Setting'.

Guideline:

- Click “Add” to select the Patch iso file

Guideline and UI – Step 4. Set Configuration

The screenshot shows the 'NAPP HDD' configuration window. It has a tabbed interface with '1. Shipping OS (OS1)', '2. Second Image (OS2)', '3. Patch CD', '4. Deployment', and 'Others'. The '4. Deployment' tab is active. At the top, there's a 'System Size Ratio' slider set to 100%, with 'Up' and 'Down' buttons. Below this is a section 'Auto check following items' with a button. The main area contains various settings: 'NAPP is v' (radio buttons for Yes/No), 'SCD Template is v' (radio buttons for Yes/No), '* Hidden Partition' (radio buttons for Yes/No), '* Hidden Size' (input field '20' and 'GB'), '* Disk Format' (radio buttons for GPT/MBR), '* Disk Type' (radio buttons for Single Disk/Dual Disk/Hybrid HDD/Express Cache), '* iRST Partition' (radio buttons for Yes/No), '* OS' (radio buttons for W10, W7+W10, W81+W10, W81(W8), W7, W7+W81(W8), W7 X64+X86), and '* WIM Boot' (radio buttons for Yes/No). At the bottom, there's an 'Auto Reboot' section with radio buttons for Yes/No, and 'Start', 'Reboot', and 'Shutdown' buttons. The Acer logo is in the bottom left corner, and 'Save Setting' and 'Load Setting' buttons are in the bottom right corner.

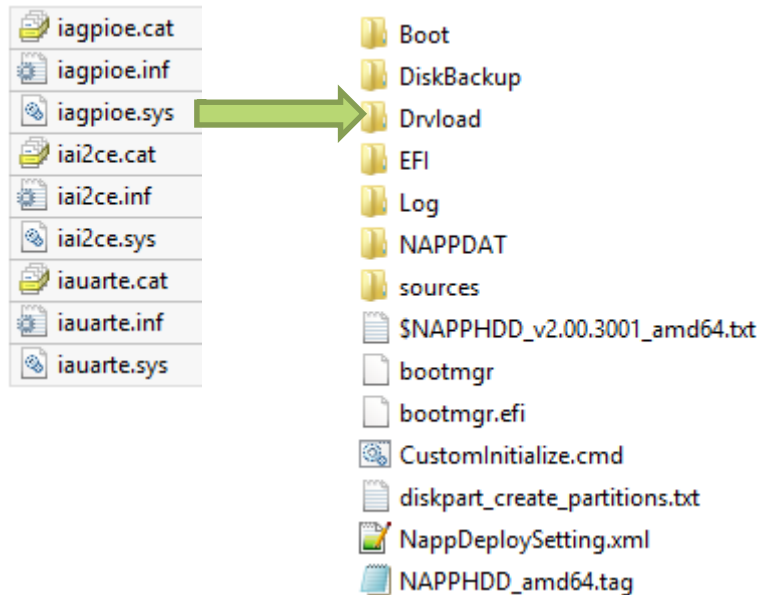
Guideline:

1. Click “Auto check the following items”
2. (Option) Modify
 1. System Size Ratio for Data partition creation
3. Click “Start” to deploy image, if you want to reboot automatically, please turn on “Auto Reboot”

Add drivers into WinPE of NAPPHDD

Add drivers into WinPE of NAPPHDD

- If your device need special drivers for deployment, please copy the .inf files and related files into “<NAPPHDD>:\Drvload” folder. NAPPHDD will load all .inf files into WinPE during initialization.
- Example:





Thank you

