# Burning mSD card image

How to load Eunhasu image to the micro SD card.

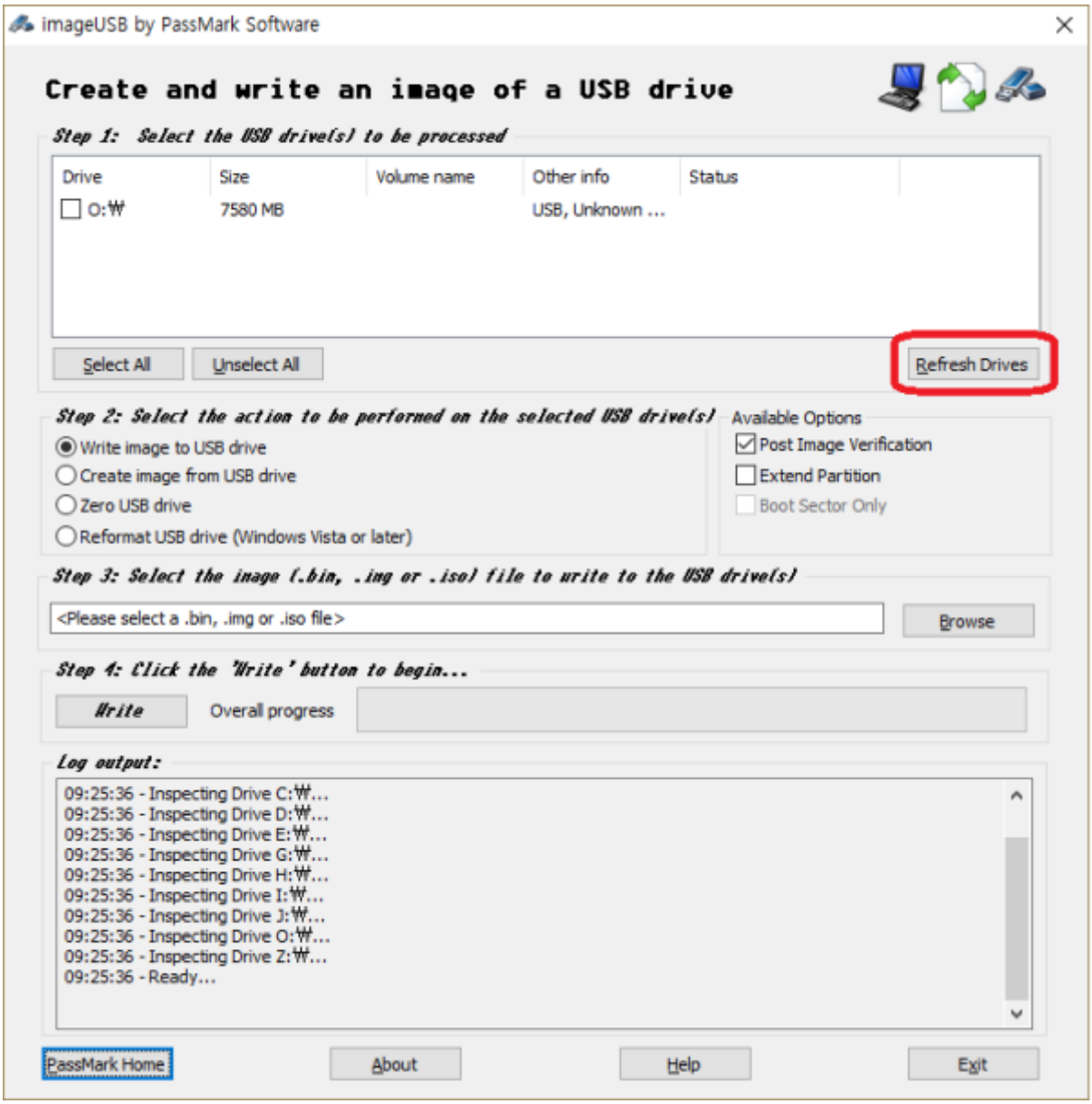
## Windows OS

### Preparation

1. Download the new micro SD card image(.gz) and unzip it. Please note the image file is quite big.
2. Download the imageUSB utility and unzip it.
3. Press gently on the micro SD card in the micro SD card slot on the rear panel of sMS-200 to take out, and insert it to a micro SD card reader. The micro SD card slot is “push-push type”, so after loading the image file to the micro SD card, you can insert the micro SD card back to the micro sd card slot. Once it's inserted well, you will hear a click sound.

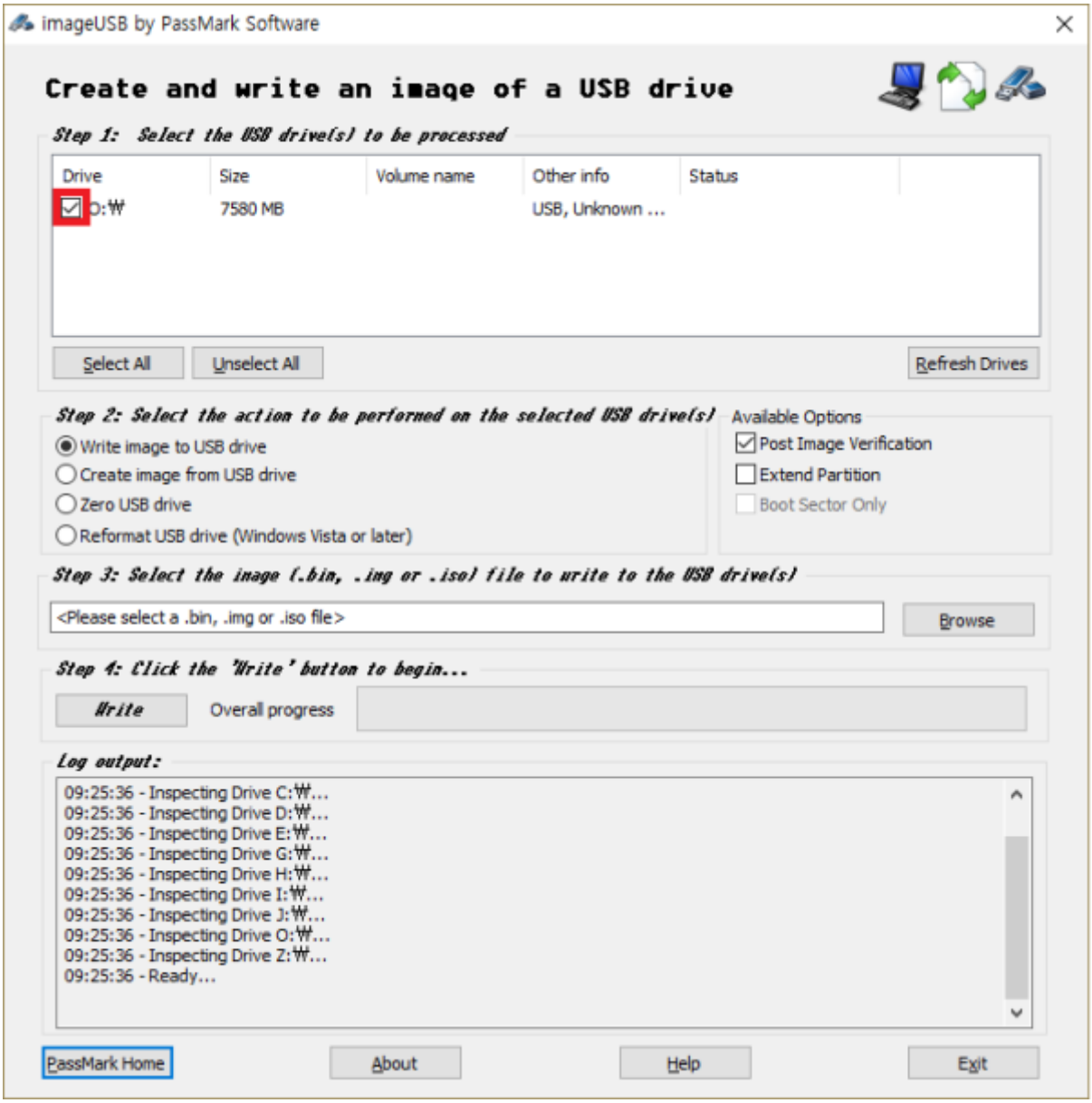
### Run imageUSB

Run imageUSB. The connected USB device will be shown up. If the connected USB device is not shown, click 'Refresh Drives'.



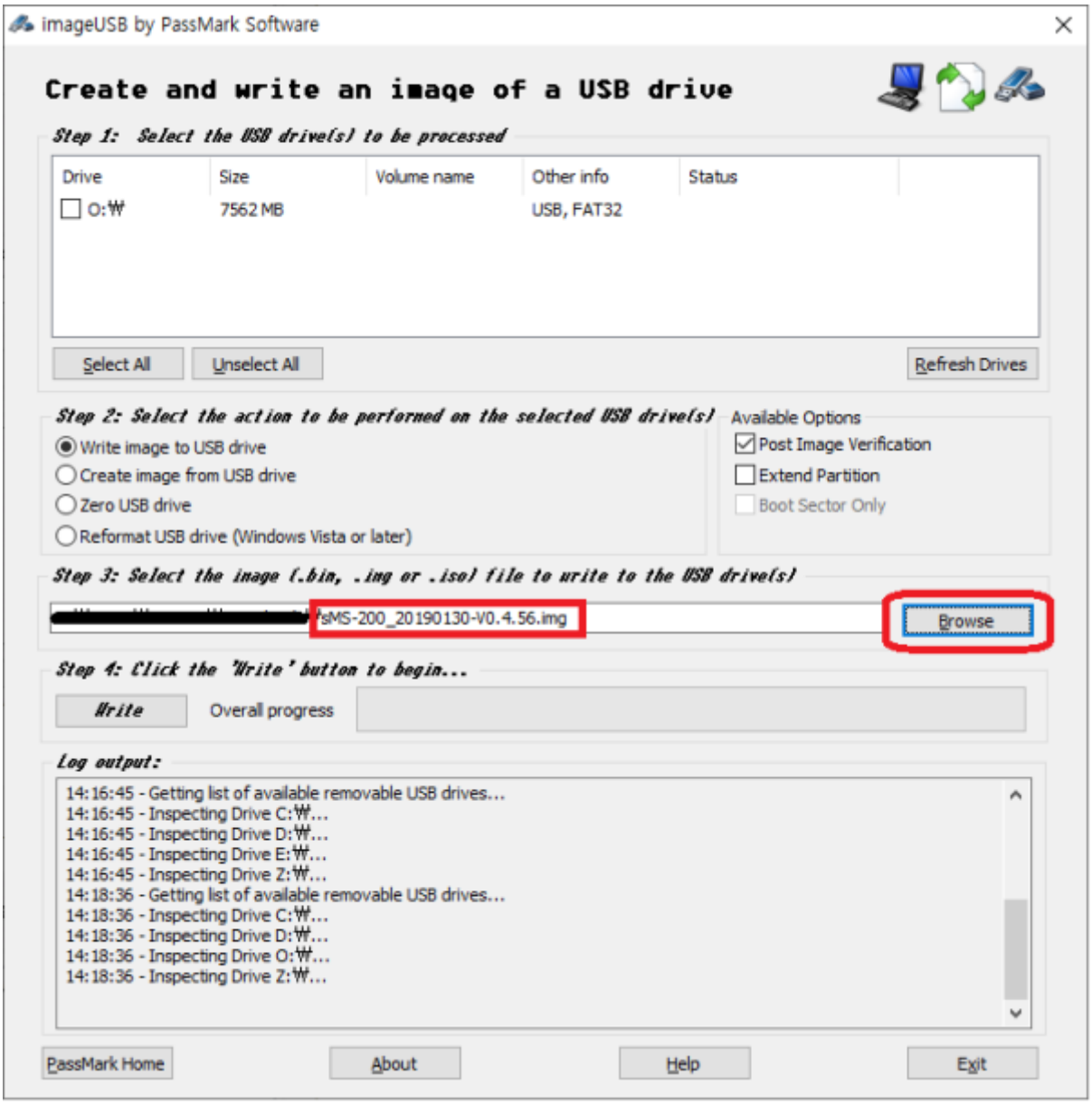

## Select a USB device

Select an USB device to write the new image file.



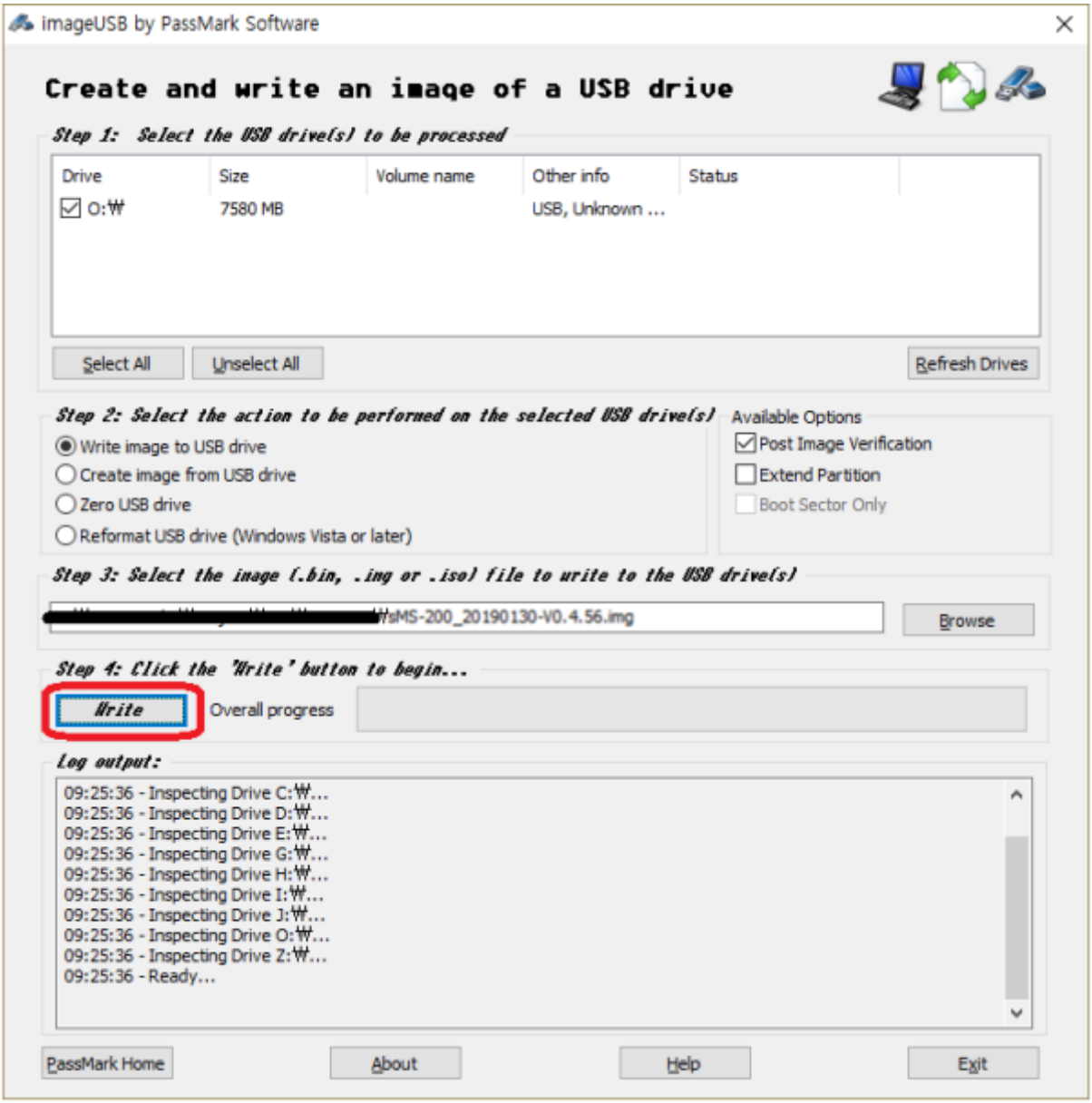

## Select the new image file

Click 'Browse' button and select the downloaded image file.




## Write the new image

Click 'Write' button to write the new image file to the micro SD card.

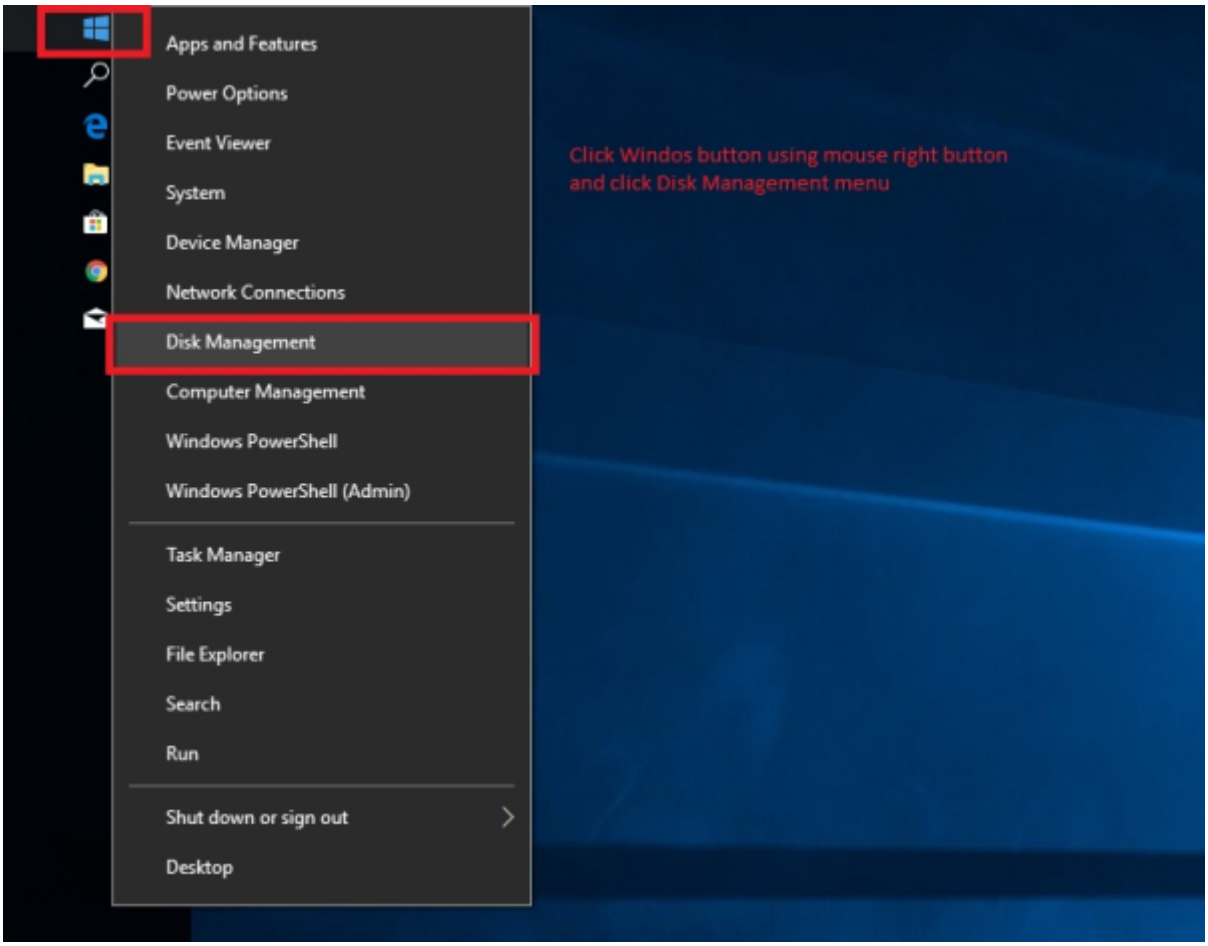


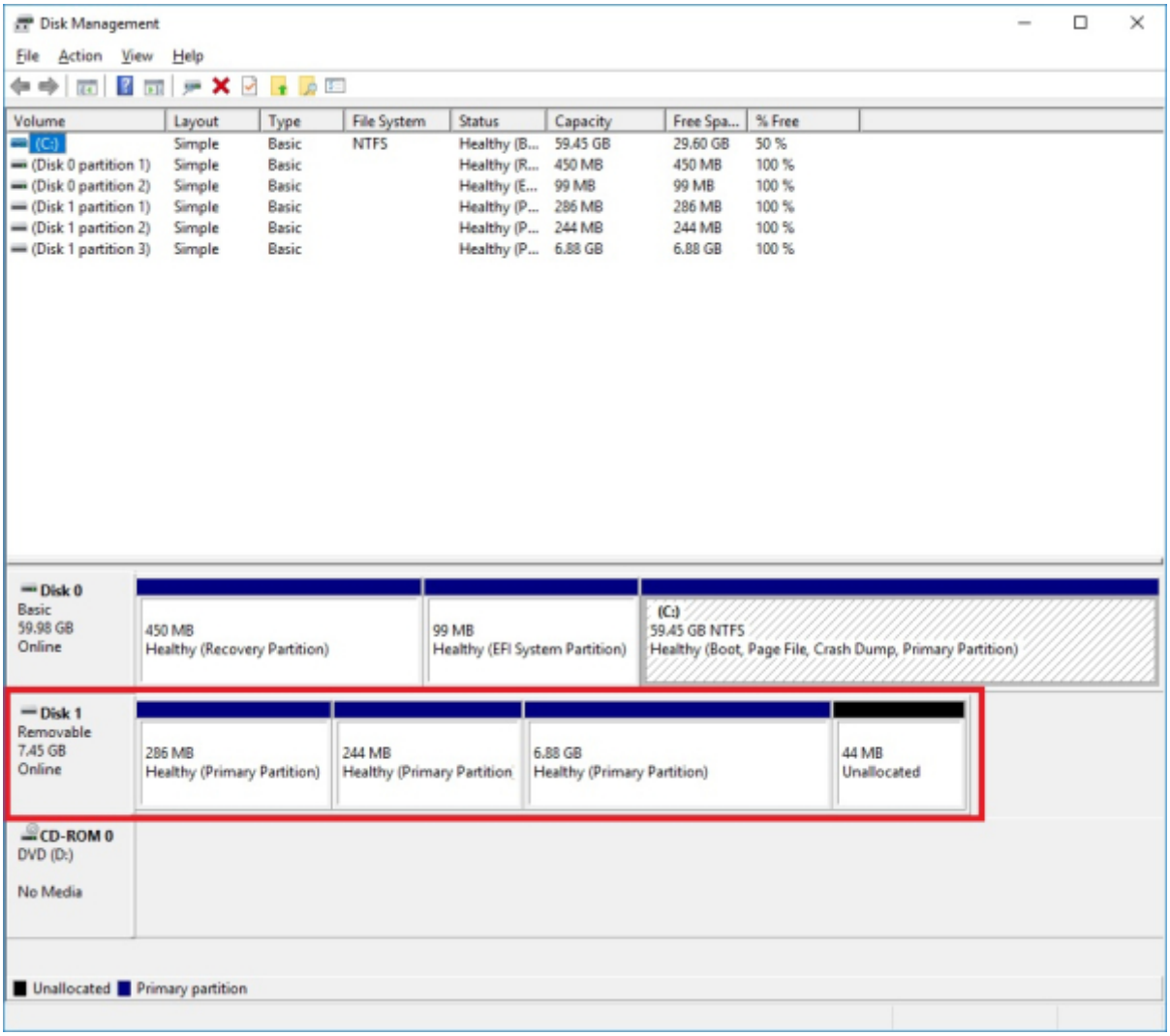

## Finish

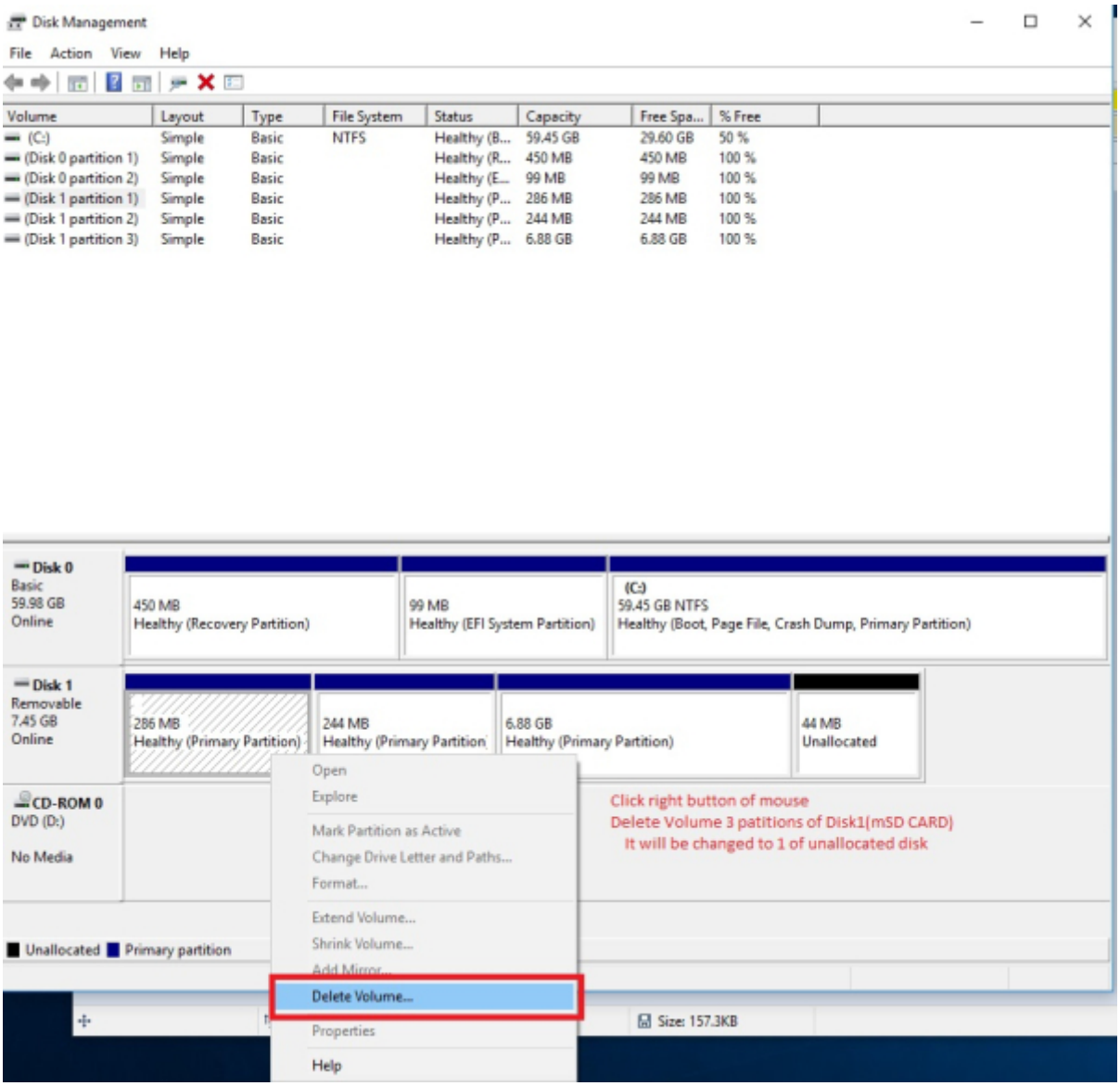
1. Insert the micro SD card back to the micro sd card slot on the rear panel of the sMS-200 or sMS-200ultra.
2. Power on the device, and check that the device works fine.

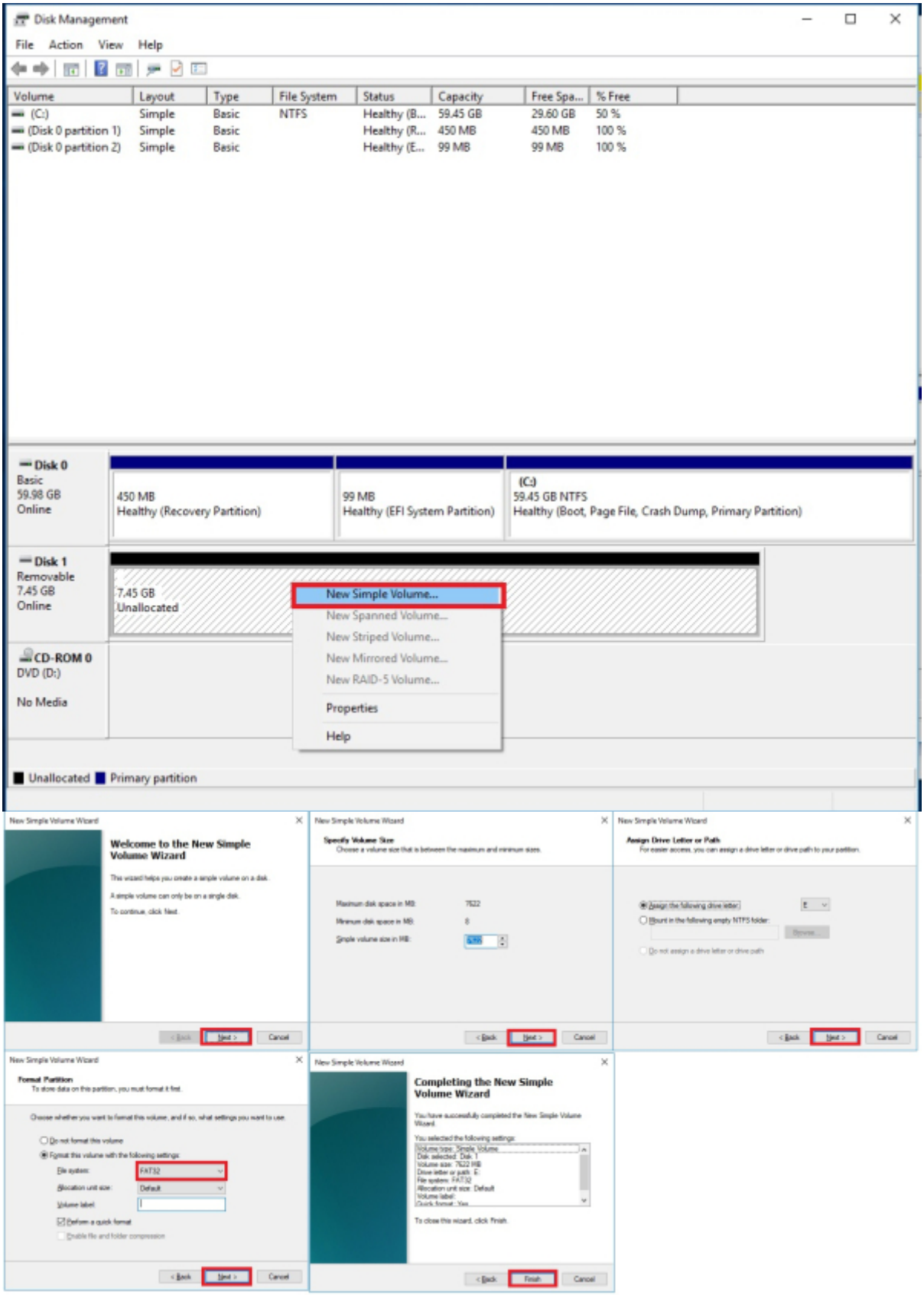
## How to format the micro sd card in Windows OS

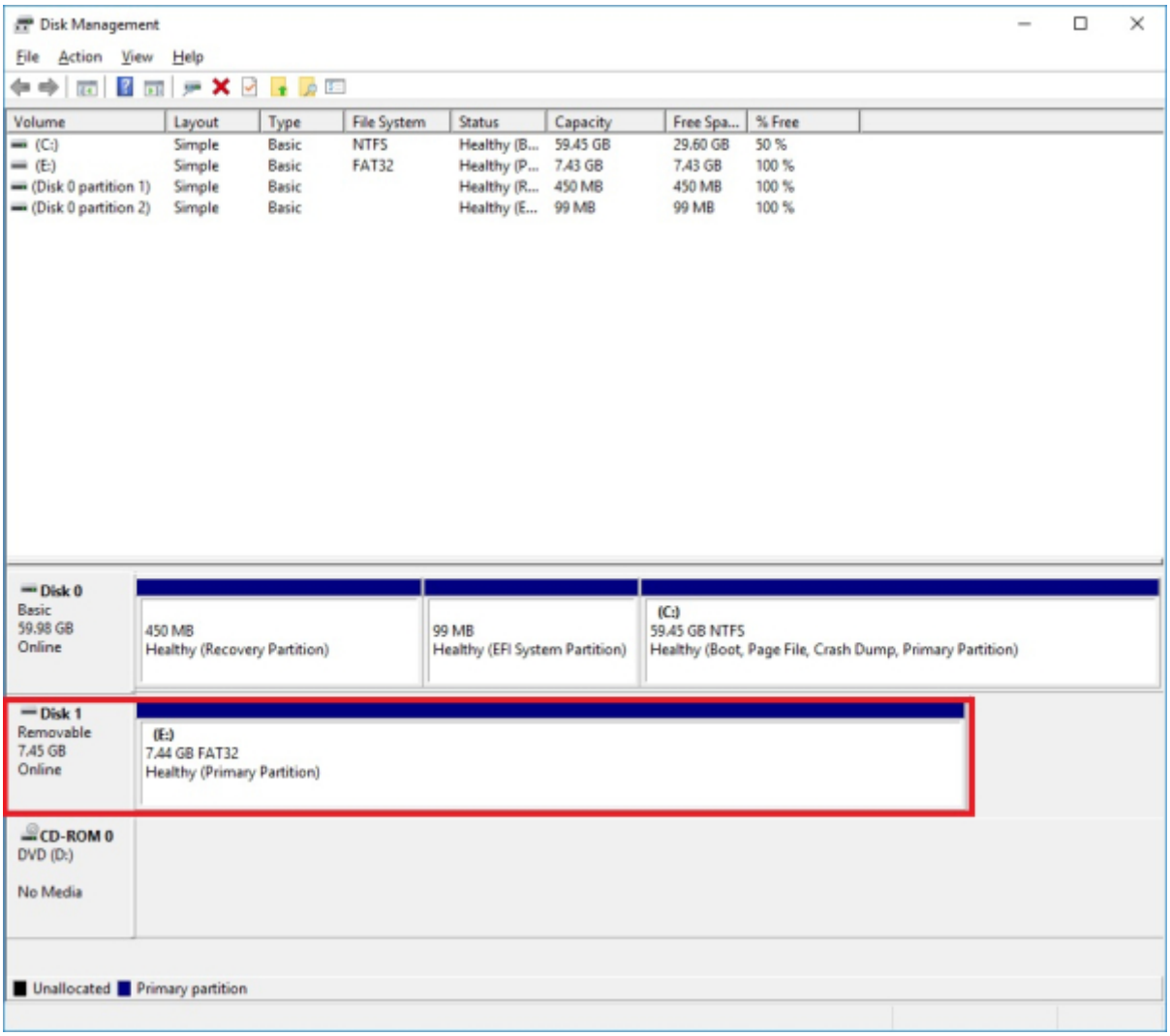
Please follow the steps as pictured.


Apps and Features
Power Options
Event Viewer
System
Device Manager
Network Connections
Disk Management
Computer Management
Windows PowerShell
Windows PowerShell (Admin)
Task Manager
Settings
File Explorer
Search
Run
Shut down or sign out
Desktop
Click Windos button using mouse right button
and click Disk Management menu


Disk Management
File Action View Help
Volume Layout Type File System Status Capacity Free Spa... % Free
(C:) Simple Basic NTFS Healthy (B... 59.45 GB 29.60 GB 50 %
(Disk 0 partition 1) Simple Basic Healthy (R... 450 MB 450 MB 100 %
(Disk 0 partition 2) Simple Basic Healthy (E... 99 MB 99 MB 100 %
(Disk 1 partition 1) Simple Basic Healthy (P... 286 MB 286 MB 100 %
(Disk 1 partition 2) Simple Basic Healthy (P... 244 MB 244 MB 100 %
(Disk 1 partition 3) Simple Basic Healthy (P... 6.88 GB 6.88 GB 100 %
Disk 0
Basic
59.98 GB
Online
450 MB
Healthy (Recovery Partition)
99 MB
Healthy (EFI System Partition)
(C:)
59.45 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1
Removable
7.45 GB
Online
286 MB
Healthy (Primary Partition)
244 MB
Healthy (Primary Partition
6.88 GB
Healthy (Primary Partition)
44 MB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated
Primary partition


Disk Management
File Action View Help
Volume Layout Type File System Status Capacity Free Spa... % Free
(C:) Simple Basic NTFS Healthy (B... 59.45 GB 29.60 GB 50 %
(Disk 0 partition 1) Simple Basic Healthy (R... 450 MB 450 MB 100 %
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Healthy (EFI System Partition)
(C:)
59.45 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1
Removable
7.45 GB
Online
286 MB
Healthy (Primary Partition)
244 MB
Healthy (Primary Partition
6.88 GB
Healthy (Primary Partition)
44 MB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Open
Explore
Mark Partition as Active
Change Drive Letter and Paths...
Format...
Extend Volume...
Shrink Volume...
Add Mirror...
Delete Volume...
Properties
Help
Unallocated
Primary partition
Size: 157.3KB
Click right button of mouse
Delete Volume 3 patitions of Disk1(mSD CARD)
It will be changed to 1 of unallocated disk


Disk Management
File Action View Help
Volume Layout Type File System Status Capacity Free Spa... % Free
(C:) Simple Basic NTFS Healthy (B... 59.45 GB 29.60 GB 50 %
(Disk 0 partition 1) Simple Basic Healthy (R... 450 MB 450 MB 100 %
(Disk 0 partition 2) Simple Basic Healthy (E... 99 MB 99 MB 100 %
Disk 0
Basic
59.98 GB
Online
450 MB
Healthy (Recovery Partition)
99 MB
Healthy (EFI System Partition)
(C:)
59.45 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1
Removable
7.45 GB
Online
7.45 GB
Unallocated
New Simple Volume...
New Spanned Volume...
New Striped Volume...
New Mirrored Volume...
New RAID-5 Volume...
Properties
Help
CD-ROM 0
DVD (D:)
No Media
Unallocated
Primary partition
New Simple Volume Wizard
Welcome to the New Simple Volume Wizard
Specify Volume Size
Assign Drive Letter or Path
Format Partition
Completing the New Simple Volume Wizard
Back
Next >
Finish
Cancel



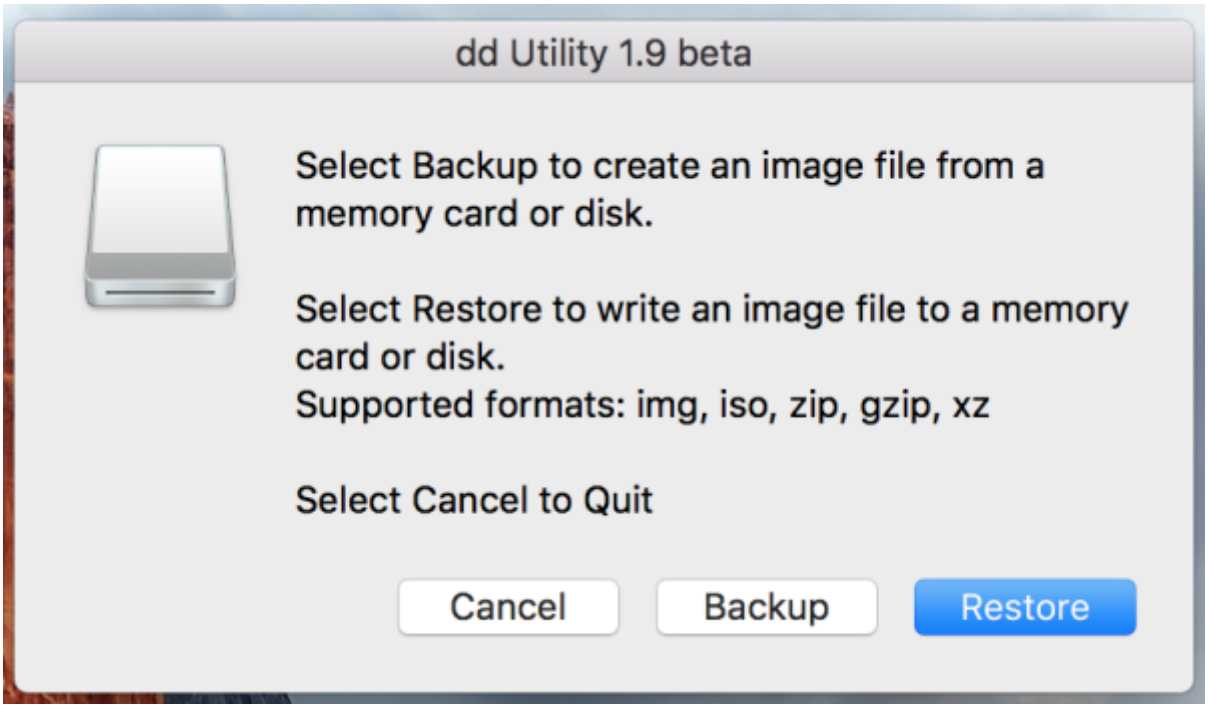

# macOS

## Preparation

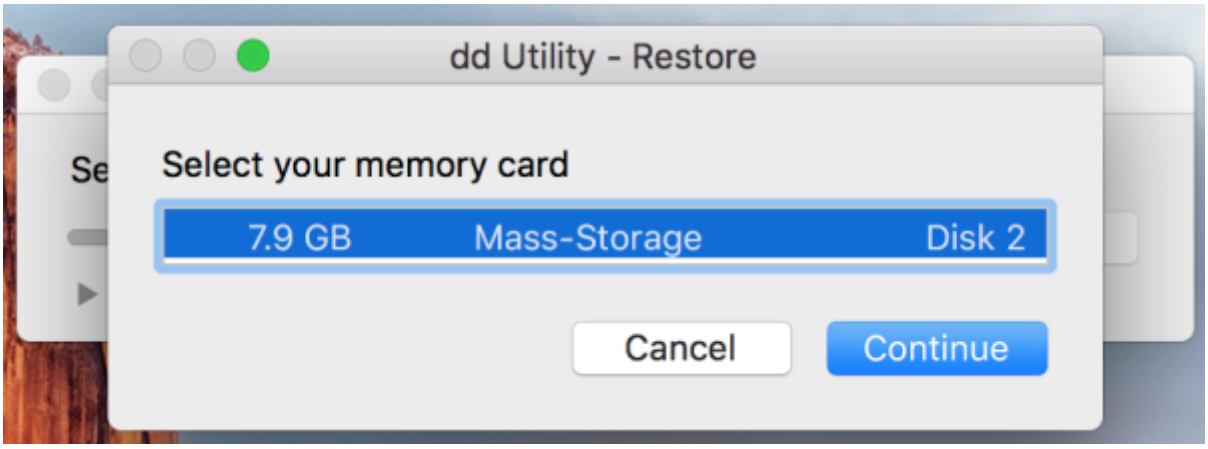
1. Download the new micro SD card image. Please note that the image file is quite big.
2. Download the dd-utility from here or github. And install it.
3. Eject the micro SD card from the rear panel of the sMS-200 and insert it into a PC's USB port using a micro SD card reader.

## Start Restore

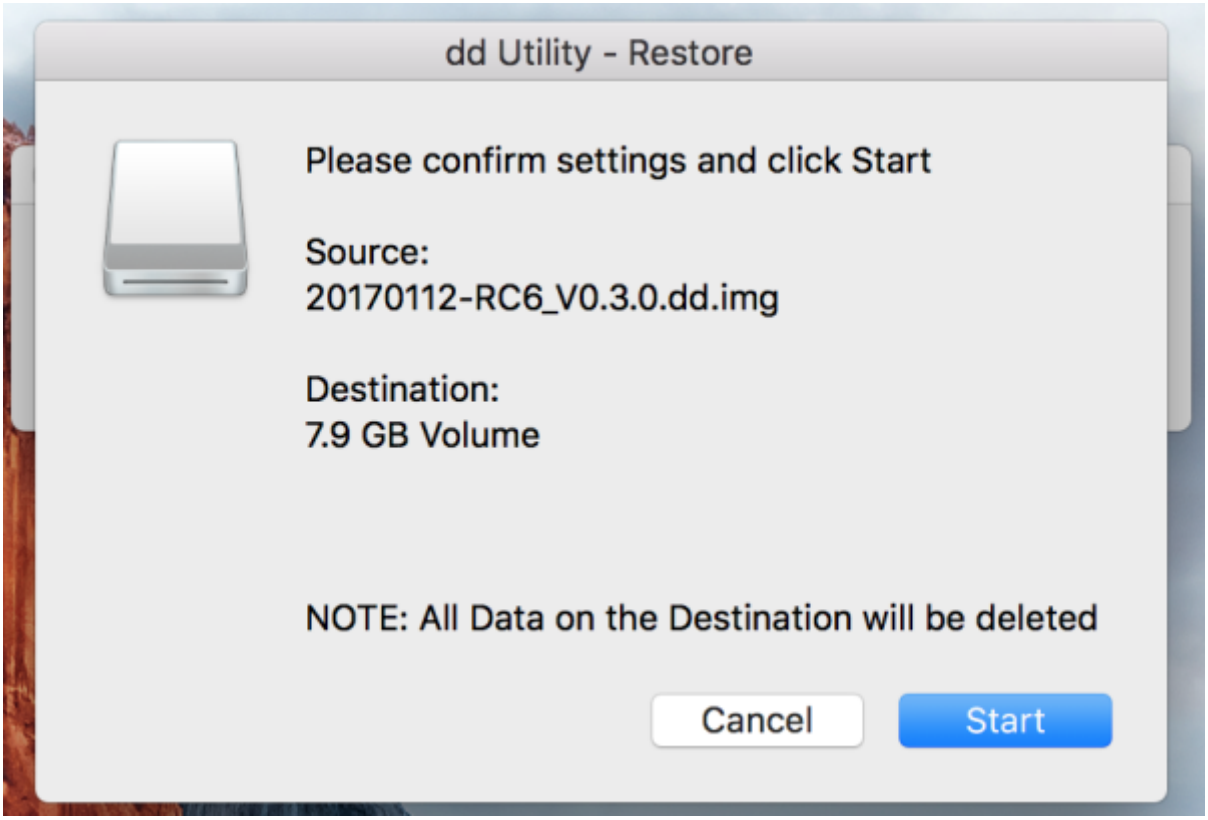
Click 'Restore' and select the downloaded .img file.



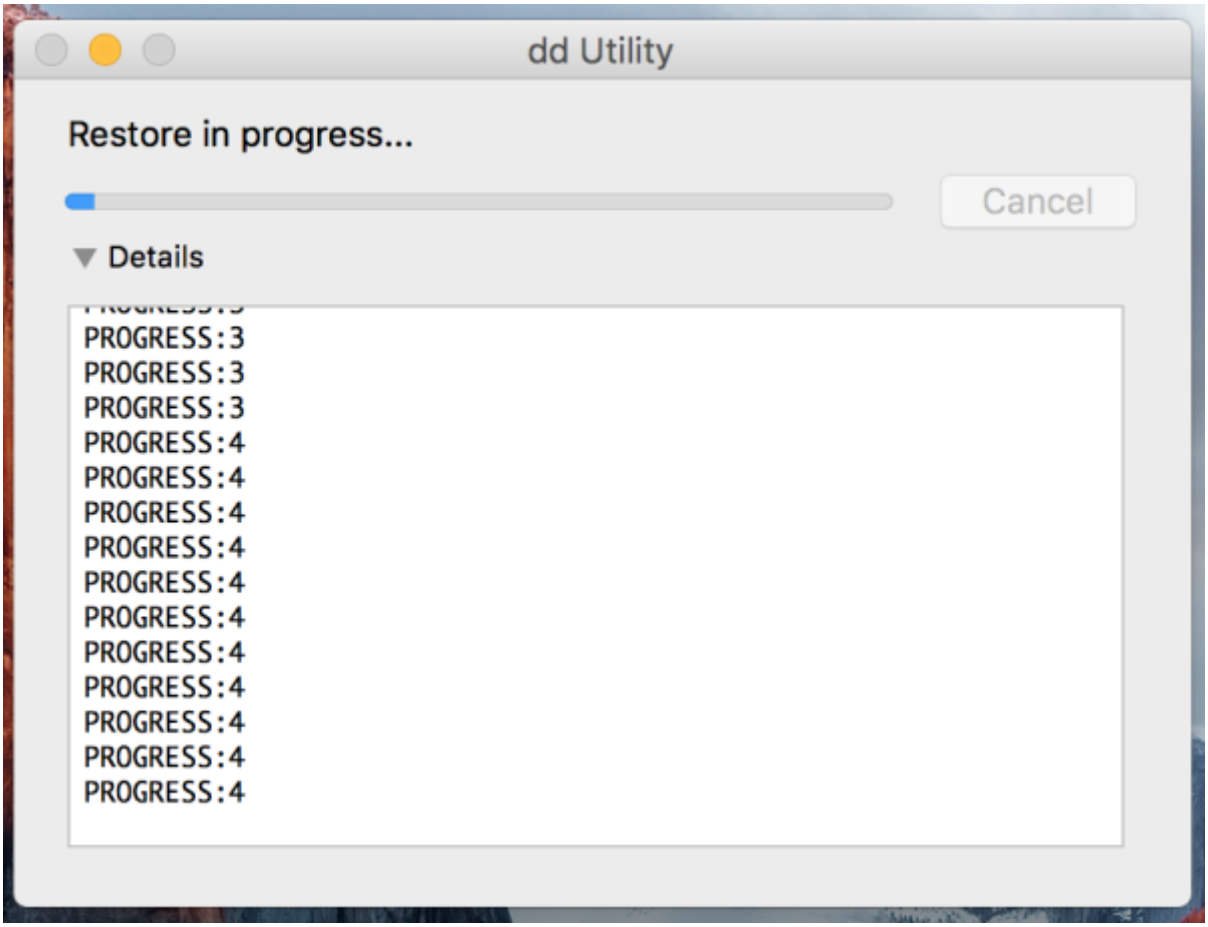

Select mSD card.




And start.




You can see the progress.




After finishing the process above, insert the mSD card to the mSD card slot of the sMS-200 or

sMS-200ultra rear panel.

You can also use command-line by terminal instead of dd utility. Refer to here.

# Downloads

## Utilities

- ImageUSB for Windows
- Rufus tool for windows. You can use rufus tool if imageUSB tool is not work properly
- dd-utility for macOS
- Etcher tool If the other utilities won't work properly in your computer, please try Etcher as a workaround

## micro SD card image files

- Eunhasu V0.4.22
- Eunhasu V0.5.1
- Eunhasu V0.5.2
- Eunhasu V0.5.31
- Eunhasu V0.5.41
- Eunhasu V0.5.51
- Eunhasu V0.5.62

If file name ends .gz or .zip, you need to extract using a separate utility.

If you are not able to complete the process successfully at the end of these steps, please check this video, https://youtu.be/ty_HN2gqJtQ. A few unzip utilities can't unzip the files completely and the unzip process may need 2 times in the progress, the video was made by one of our valuable customers, and thanks to HC.

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**https://www.docs.sotm-audio.com/doku.php?id=en:eunhasu:burn_sdcard_image&rev=1718702653**

Last update: **2024/06/18 05:24**