Burnning 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'.

Step 1: Selec	<i>t the USB drive(s)</i> Size	Volume name	ed Other info	Status	
0:10	J 100 MB		use, unknown		
Select All	Unselect All				Refresh Drives
Step 2: Select	the action to be	performed on t	he selected USB dr.	ivels1 Available Options	ication
O Create image	from USB drive			Extend Partition	
-				Boot Sector Only	(
Zero USB drive	e				
 Zero USB drive Reformat USB 	e drive (Windows Vista	or later)			
Zero USB drive Reformat USB Step 3: Select	e drive (Windows Vista the inage (.bin,	or later) . <i>ing or .isol i</i>	file to write to th	e USB drive(s)	
Zero USB drive Reformat USB Step 3: Select <please a<="" p="" select=""></please>	e drive (Windows Vista the inage (.bin, .bin, .img or .iso file>	or later) . <i>ing or .isol i</i>	file to write to th	e USB drivels)	Browse
 Zero USB drive Reformat USB Step 3: Select <please a<="" li="" select=""> Step 4: Click </please>	e drive (Windows Vista the inage (.bin, .bin, .lmg or .iso file> the 'Write' button	or later) .ing or .isol i n to begin	file to write to th	e USB drivels)	Browse
Zero USB drive Reformat USB Step 3: Select <please a<br="" select="">Step 4: Click #rite</please>	e drive (Windows Vista (<i>the inage 1.bin</i> , .bin, .img or .iso file> <i>the 'Write' button</i> Overall progress	or later) . <i>ing or .isol i</i> a <i>to begin</i>	file to write to th	e USB drive(s)	Browse
○ Zero USB drive ○ Reformat USB Step 3: Select <please a<br="" select="">Step 4: Click #rite Log output:</please>	e drive (Windows Vista (<i>the inage (.bin,</i> .bin, .img or .iso file> <i>the 'Write' button</i> Overall progress	or later) . <i>ing or .isol i</i> . <i>to begin</i>	file to write to th	e USB drive(s)	Browse

Select a USB device

Select an USB device to write the new image file.

⊡ p:₩	Size 7580 MB	Volume name	Other info USB, Unknown	Status	
Select All	Unselect All				Refresh Drives
Step 2: Sele	ct the action to i	be performed on th	e selected USB drive	Available Options	
Write image	to USB drive			Post Image Ve	rification
Create imag	e from USB drive			Extend Partitio	n
Zero USB dr	ive			Boot Sector O	nly
) Zero USB dr Reformat U	ive SB drive (Windows Vis	ta or later)		Boot Sector O	nly
Zero USB dr Reformat U Tep 3: Sele	ive SB drive (Windows Vis ct the inage (.bin	ta or later) •, . ing or . isol 1	ile to write to the b	Boot Sector O	nly
Zero USB dr Reformat U Yep 3: Sele Please select	ive SB drive (Windows Vis ct the inage (.bin a .bin, .img or .iso file	ta or later) 7, . <i>ing or .isol 1</i> >>	ile to urite to the b	Boot Sector O	nly <u>B</u> rowse
Zero USB dr Reformat U Tep 3: Select Please select	ive SB drive (Windows Vis ct the inage (.bin a .bin, .img or .iso file of the 'Write' but	ta or later) a, .ing or .isol t box to begin	ile to urite to the b	Boot Sector O	niy <u>B</u> rowse
Zero USB dr Reformat U Vep 3: Sele Please select Step 4: Clic Write	ive SB drive (Windows Vis ct the inage (.bin a .bin, .img or .iso file the Write' but Overall progress	ta or later) a, .ing or .isol t box to begin	ile to urite to the b	Boot Sector O	nly Browse
Cero USB dr Reformat U Vep 3: Sele Please select Vep 4: Clic Urite	ive SB drive (Windows Vis ct the inage (.bin a .bin, .img or .iso file a .bin, .img or .iso file bin, .img or .iso file a .bin, .img or .iso file overall progress	ta or later) b, .ing or .isol t con to begin	ile to urite to the b	Boot Sector O	nly Browse
Cero USB dr Reformat U Reformat U Reformat U Reformat U Reformat U Reformat U Reformation Reformation Reformation Reformation Reformation Reformation Reformat U Reformat U Reformation Re	ive SB drive (Windows Vis ct the inage (.bin a .bin, .img or .iso file k the 'Write' but Overall progress specting Drive C:₩	ta or later) a, .ing or .isol t ison to begin	ile to urite to the b	Boot Sector O	nly Browse
Cero USB dr Reformat U Tep 3: Select Please select Step 4: Clic Write Og output: 09:25:36 - In: 09:25:36 - In:	ive SB drive (Windows Vision ct the inage (.bin a .bin, .img or .iso file the 'Write' but Overall progress specting Drive C:\ specting Drive C:\	ta or later) a, .ing or .isol t ison to begin	ile to urite to the b	Boot Sector O	nly Browse
Cero USB dr Reformat U. Please select Step 1: Clic Mrite 09:25:36 - In: 09:25:36 - In: 09:25:36 - In:	specting Drive C:\\ specting Drive C:\\	ta or later) h, .ing or .isol t ion to begin	ile to urite to the b	Boot Sector O	Browse
Cero USB dr Reformat U. Please select Step 1: Clic Irite 09:25:36 - In: 09:25:36 - In: 09:25:36 - In: 09:25:36 - In:	specting Drive G:\ specting Drive G:\	ta or later) a, .ing or .isol 1 > ton to begin	ile to urite to the b	Boot Sector O	nly Browse
Cero USB dr Reformat U Please select Step 1: Clic Urite 09:25:36 - In: 09:25:36 - In: 09:25:36 - In: 09:25:36 - In: 09:25:36 - In: 09:25:36 - In: 09:25:36 - In:	specting Drive G:\\ specting Drive J:\\ specting Drive J:\ specting Drive J:\ spectin	ta or later) n, .ing or .isol t ion to begin	ile to urite to the b	Boot Sector O	nly Browse
Cero USB dr Reformat U Reformat U Reformat U Reformat U Reformat U Reformat U Reformat Reformation Ref	specting Drive E:\ specting Drive E:\ specting Drive I:\ specting Drive I:\	ta or later) n, .ing or .isol t ion to begin	ile to urite to the b	Boot Sector O	nly Browse

Select the new image file

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

	Volume name	Other info	Status	
□ 0:₩ 7562 MB		USB, FAT32		
Select All Unselect All]			<u>R</u> efresh Drives
Step 2: Select the action to	be performed on th	he selected USB dr	Available Opti	ons e Verification
Create image to USB drive			Extend Da	rtition
Create Inage Iron 035 unve			Boot Secto	or Oply
Defermat USB drive (Mindaws)	(eta ar latar)		boot Secto	of Only
Step 3: Select the inage (.b	in ing ar . isal i	filo to write to t	he USB drive(s)	
Step 3: Select the inage (.b	in, .ing or .isol i	file to write to th	he USB drive(s) —	
Step 3: Select the image (.b	<i>in, .ing or .isol i</i> sMS-200_20190130-V0	<i>(ile to write to t</i>	he USB drive(s) —	Browse
Step 3: Select the image (.b 	in, .ing or .isol i MS-200_20190130-VO	f <i>ile to write to t</i>	he USB drive(s)	Browse
Step 3: Select the image (.b Step 4: Click the 'Write' bu Write Overal progre	in, .ing or .isol i sMS-200_20190130-VC ntion to begin	file to urite to th	he USB drive(s)	Browse
Step 3: Select the image (.b Step 4: Click the 'Write' bu Write Overal progre Log output:	in, .ing or .iso) i sMS-200_20190130-V0 ntion to begin ss	file to urite to th	he USB drive(s) —	Browse
Step 3: Select the image (.b Step 4: Click the 'Write' bu Write Overal progree Log output: 14:16:45 - Getting list of available 14:16:45 - Inspecting Drive C:\W. 14:16:45 - Inspecting Drive D:\W. 14:16:45 - Inspecting Drive E:\W. 14:16:45 - Inspecting Drive E:\W. 14:16:45 - Inspecting Drive Z:\W. 14:16:45 - Inspecting Drive Z:\W. 14:16:45 - Inspecting Drive C:\W.	in, .ing or .isol i SMS-200_20190130-VO atton to begin ss removable USB drives. removable USB drives.	(ile to urite to t) 0.4.56.img	he USB drive(s) —	Browse
Step 3: Select the image (.b Step 4: Click the 'Write' bu Write Overal progree Log output: 14:16:45 - Getting list of available 14:16:45 - Inspecting Drive C:\W. 14:16:45 - Inspecting Drive D:\W. 14:16:45 - Inspecting Drive D:\W. 14:16:45 - Inspecting Drive Z:\W. 14:16:45 - Inspecting Drive Z:\W. 14:16:45 - Inspecting Drive Z:\W. 14:18:36 - Getting list of available 14:18:36 - Inspecting Drive C:\W.	in, .ing or .isol i SMS-200_20190130-VO ation to begin ss removable USB drives. removable USB drives.	(ile to urite to t) 0.4.56.img	he USB drive(s) —	Browse

Write the new image

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

Drive ☑ 0:₩	Size 7580 MB	Volume name	Other info State USB, Unknown	15	
Select All	Unselect All				Refresh Drives
Step 2: Selec Write image Create image Zero USB dri Reformat US	t the action to a to USB drive from USB drive ve 8 drive (Windows Vis	<i>he performed on the</i> ta or later)	e selected USB drive(s)	Available Options Post Image Verifice Extend Partition Boot Sector Only	ation
Step 3: Selec	t the image (.bin	, .ing or .isol fi	<i>le to write to the USB</i> (0130-V0.4.56.img	trive(s)	Browse
	the Write' but	ton to begin			
Nrite	Overall progress				

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.



🕿 Disk Managen	tent .	-	×
File Action V	ew 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	 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			
59.98 GB Online	450 MB Healthy (Recovery Partition) Healthy (EFI System Partition) 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 Unallocat	ted	
CD-ROM 0 DVD (D:) No Media			
Unallocated	Primary partition		

T Disk Management								_	\times
File Action View	Help								
🕈 🌩 📰 📓 🖬	🗩 🗙	1							
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free		
= (C:)	Simple	Basic	NTES	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 Sj	ystem Partition)	(C:) 59.45 GB NTFS Healthy (Boot, Pag	: File, Crash Dump, Primary Partition)	
Disk 1 Removable 7.45 GB Online	286 MB Healthy (Primary Partition)	244 MB Healthy (Prim	ary Partition	6.88 GB Healthy (Prima	ry Partition)	44 MB Unallocated	
CD-ROM 0 DVD (D:) No Media		Explore Mark Partition a Change Drive Lo Format	is Active etter and Path	5	Click right button Delete Volume 3 It will be change	of mouse patitions of Disk1(mSD CARD) ed to 1 of unallocated disk	
Unallocated	Primary partition	Extend Volume. Shrink Volume Add Mirror					
÷		Delete Volume			🗟 Size: 157.3KB		
		Help					

2024/04/28 22:38



	Layout	Туре	File System	Status	Capacity	Free Spa	% Free			
(C:)	Simple	Basic	NTFS	Healthy (B	59.45 GB	29.60 GB	50 %			
(E)	Simple	Basic	FAT32	Healthy (P	7.43 GB	7.43 GB	100 %			
 (Disk 0 partition 	1) Simple	Basic		Healthy (R	450 MB	450 MB	100 %			
· (Disk o partition	<i>z)</i> simple	Dask		нышту (с	33 MD	99 MD	100 %			
= Disk 0										
- Disk 0 Sesic 59.98 GB Dnline	450 MB Healthy (Recove	ery Partition)	9	9 MB Jealthy (EFI Syste	em Partition)	(C:) 59.45 GB NTF5 Healthy (Boot,	Page File, Crash (Dump, Primary P	artition)	
Disk 0 Basic 9.98 GB Dnline Disk 1 temovable (.45 GB Dnline	450 MB Healthy (Recove (E:) 7.44 GB FAT32 Healthy (Primar)	try Partition) y Partition)	9	9 MB lealthy (EFI Syste	em Partition)	(C:) 59.45 GB NTF5 Healthy (Boot,	Page File, Crash I	Jump, Primary P	artition)	

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.

dd Utility 1.9 beta
Select Backup to create an image file from a memory card or disk. Select Restore to write an image file to a memory card or disk. Supported formats: img, iso, zip, gzip, xz Select Cancel to Quit Cancel Backup Restore
Cancel Backup Restore

Select mSD card.

	000	dd Utility - Restore		
Se	Select your me	emory card		
-	7.9 GB	Mass-Storage	Disk 2	
-		Cancel	Continue	

And start.

dd Utility - Restore
Please confirm settings and click Start Source: 20170112-RC6_V0.3.0.dd.img Destination: 7.9 GB Volume
NOTE: All Data on the Destination will be deleted Cancel Start

You can see the progress.

	dd Utility
Restore in progress	Canaal
Details	Cancer
PROGRESS:3 PROGRESS:3 PROGRESS:3 PROGRESS:4 PROGRESS:4 PROGRESS:4 PROGRESS:4 PROGRESS:4 PROGRESS:4 PROGRESS:4 PROGRESS:4 PROGRESS:4 PROGRESS:4	
PROGRESS:4 PROGRESS:4 PROGRESS:4	

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
- dd-utility for macOS
- https://www.balena.io/etcher 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 V0.5.0

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.

From: https://www.docs.sotm-audio.com/ - SOtM docs

Permanent link: https://www.docs.sotm-audio.com/doku.php?id=en:eunhasu:burn_sdcard_image&rev=1606898721

Last update: 2020/12/02 03:45