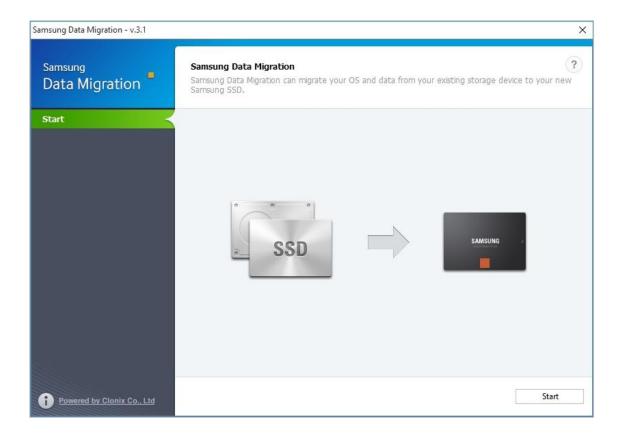
Samsung SSD Data Migration v.3.1

User Manual



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Introduction

The Samsung Data Migration software is designed to help users quickly, easily, and safely migrate all of their data – including their current operating system, application software, and user data – from their existing storage device (e.g. HDD) to their new Samsung SSD.

Samsung Data Migration software is developed and distributed exclusively for owners of Samsung Solid State Drives (SSDs).

Precautions

- 1. When cloning the content of the source drive (e.g. HDD), all data on the Target Disk (Samsung SSD) will be deleted and is impossible to recover. Therefore, if you have stored any data that you would like to keep on the Target Disk, please back it up in advance.
 - * This software is not a data backup solution.
- 2. Samsung Electronics assumes no responsibility for any loss of data that may occur on the Target Disk in the course of using this software and will not be held liable for data recovery services. Even if the migration process fails, data contained on the Source Disk is not affected.
- 3. Before cloning the Source Disk to the Target Disk (Samsung NVMe SSD) using this software, make sure that you install the Samsung NVMe Driver first.

Improvements

- 1. Support for new models
- 2. Improvements to the cloning compatibility



System Requirements

Component	Requirement
	Windows XP SP2 (32bit)
	Windows Vista (32/64bit)
Operating System	Windows 7 (32/64bit)
Operating System	Windows 8 (32/64bit)
	Windows 8.1 (32/64bit)
	Windows 10 (32/64bit)
PC Memory (RAM)	1 GB or more
Disk Space	30 MB required for installation
Supported Partition Types	MBR, GPT
Source Disk	The Source Disk (HDD or SSD) must contain the operating system installation
	The Target Disk must be one of the following:
	Samsung SSD 970 PRO Series
	Samsung SSD 970 EVO Series
	Samsung SSD 960 PRO Series
	Samsung SSD 960 EVO Series
	Samsung SSD 950 PRO Series
	Samsung SSD 860 EVO Series
	Samsung SSD 860 PRO Series
Target Disk	Samsung SSD 850 EVO Series
	Samsung SSD 850 PRO Series
	Samsung SSD 850 Series
	Samsung SSD 840 EVO Series
	Samsung SSD 840 Series
	Samsung SSD 840 PRO Series
	Samsung SSD 830 Series
	Samsung SSD 750 EVO Series
	Samsung SSD 470 Series



Limitations

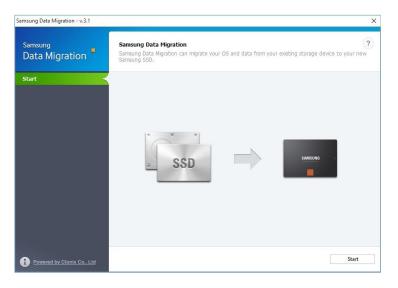
- 1. This software only supports the Windows operating systems listed in the User Manual.
- This software only supports the Samsung SSDs listed in the User Manual.
 OEM storage devices provided through a computer manufacturer or supplied through another channel are not supported.
- 3. This software will run only if the operating system is installed on the Source Disk. It will not function on disks that lack an operating system installation.
- 4. On systems with two (2) drives or more (e.g. "C:", "D:", and "E:" drives) with the operating system installed on the "C:" drive, only the first two drives will be cloned. The "System" partition that is created during Windows installation is automatically replicated.
- 5. The OEM Recovery partition created by the computer manufacturer as a factory setting will not be cloned. However, it will be automatically cloned if the manufacturer is Samsung and SRS (Samsung Recovery Solution) 5, SRS 6, or SRS 7 is installed. (Versions lower than SRS 5 are not supported.)
- 6. A difference of a few GB of data capacity between the Source and Target Disks is normal after cloning. The software does not copy the files Windows automatically generates to manage virtual memory (page files and hibernation files).
- 7. This software cannot clone encrypted disks. In order to clone an encrypted disk, you must first remove the password from the disk.
- 8. If the mainboard chipset drivers are not up to date when cloning, this software may not function properly.
- 9. If there are multiple operating systems installed on the PC (e.g. Windows 7 is installed on the C drive and Windows 8 is installed on the D drive), the cloned disk may not function properly.
- 10. If the Source Disk is damaged (e.g. the disk has bad sectors), the cloned disk may not function properly.
- 11. When attempting to clone a disk using this software, it is recommended that you close all other programs and free up sufficient memory before cloning.
- 12. If you have instant PC recovery software installed on your system, this software may not function properly.
- 13. If a Source Disk is converted into a dynamic disk, the software may not function properly.
- 14. The files in the user's Library folder are listed by default on the screen for selecting files to exclude during cloning.
- 15. To exclude files that are not in the Library folder, you can search for them by scanning folders. Program Files, Windows files, and Recycle Bin files are not scanned.

16. Please note if you use a Samsung NVMe SSD as the Target Disk without installing the Samsung NVMe Driver, this software may not function properly.

User Guide

1. (Normal Mode) If the Source Disk is smaller than the Target Disk

STEP 1. Start migration



STEP 2. Connect Target Disk

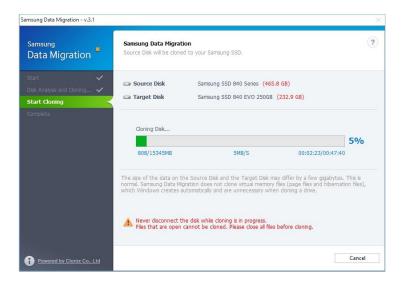
	·	
Samsung	Samsung Data Migration	3
Data Migration	Verify Source Disk and Samsung SSD.	
Start 🗸 🗸	Source Disk Samsung SSD 840 Series (465.8 GB	3)
Disk Analysis and Clo 🚽		
	Disk 0 C:	
	465.86 12.0 / 465.2G	
	2 Target Disk	~+ C
	Please connect a Samsung SSD.	
Powered by Clonix Co., Ltd	<< Prev	Start Cancel

- ① If the Target Disk is connected, the status of the Target Disk is displayed on the screen.
 - * You may need a separate M.2 PCIe/USB converter (connector) to connect an NVMe SSD.

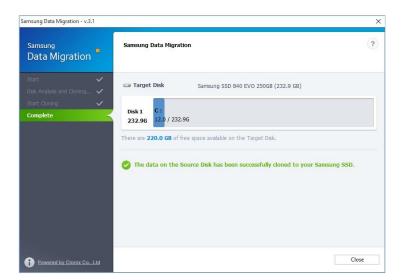
STEP 3. Start cloning

Samsung Data Migration	Samsung Data Migration Verify Source Disk and Sam	
Start. ✓ Disk Analysis and Clo ✓ Start: Cloning Complete	 Source Disk Disk 0 C: 465.86 12.0 / 465.26 	Samsung SSD 840 Series (465.8 GB)
	 2 Target Disk Disk 1 C: 232.96 12.0 / 232.96 	Samsung SSD 840 EVO 250GB (232.9 GB)
Powered by Clonix Co., Ltd		<< Prev Start Cancel

STEP 4. Cloning in progress



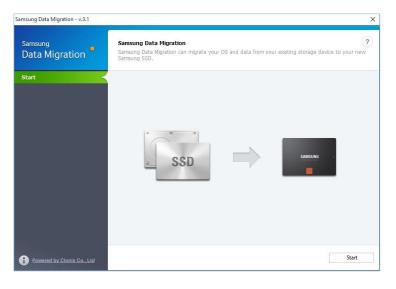
STEP 5. Cloning complete





2. (Advanced Cloning) If the Source Disk is bigger than the Target Disk

STEP 1. Start migration



STEP 2. Connect Target Disk

Samsung Data Migration - v.3.1		Х
Samsung Data Migration	Samsung Data Migration Verfy Source Disk and Samsung SSD.	?
Start V Disk Analysis and Clo Start Cloning Complete	Source Disk Samsung SSD 840 Series (465,8 GB) Disk 0 C: 465.86 264.9 / 465.26	
	2 Target Disk + C	M.,
Powered by Clonix Co., Ltd	<< Prev Start Cancel	

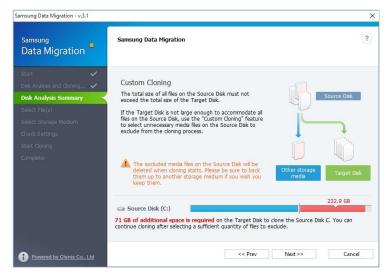
- ① If the Target Disk is connected, the status of the Target Disk is displayed on the screen.
 - * You may need a separate M.2 PCIe/USB converter (connector) to connect an NVMe SSD.



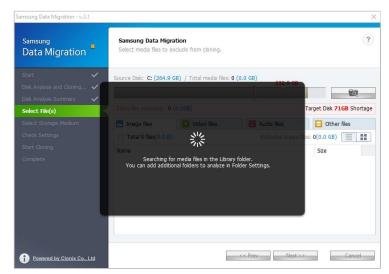
STEP 3. On the Disk Analysis and Cloning Settings screen, click [Next>>]

^{Samsung} Data Migration [■]	Samsung Data Migration Verfy Source Disk and Samsung SSD.	¢
Start 🗸 🗸	Source Disk Samsung SSD 840 Series (465.8 GB)	
	Disk 0 C: 465.86 264.9 / 465.26	
	② Target Disk Samsung SSD 840 EVO 250G8 (232.9 G8) ✓ +	C
	Target Disk Samsung SSD 840 EVO 25068 (232.9 G8) V + Disk 1 C: 232.9G 232.9 / 232.9G	C
	Disk 1 C: 232.96 232.9 / 232.96	C
	рык1 С:	C ~

STEP 4. On the Disk Analysis Summary screen, click [Next>>]

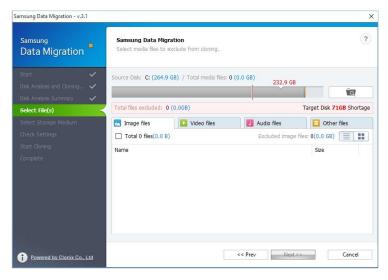


STEP 5. Scan for files in the Library folder to exclude from cloning





STEP 7. Click Browse button



STEP 8. Set a new folder to scan for files to exclude from cloning

Samsung Data Migration - v.3.1		×
Samsung Data Migration	Samsung Data Migration Set Folder(s) to Scan	× ?
Start: Disk Analysis and Cloning Disk Analysis and Cloning Select File(s) Select Storage Medium Check Settings Start: Cloning Complete	Scan selected folders Oscan all folders OneDrive Administrator This PC Uraries Documents Pictures Videos Recycle Bin Administrator pic Recycle Bin call Control Panel Items pic Reset Selection	22.9 GB
Powered by Clonix Co., Ltd	<< Prev	Next>> Cancel

- ① Select "Scan selected folders" or "Scan all folders" and click [Search].
- Folder designation for scanning
 - Scan selected folders: Scan only the selected folders
 - Scan all folders: Scan all files on the disk

STEP 9. Scan for files to exclude from cloning in the newly set path

Samsung Data Migration - v.3.1		×
Samsung Data Migration	Samsung Data Migration Select media files to exclude from cloning.	(?)
Start. V Disk Analysis and Cloning Usk Analysis Summary V	Source Disk: C: (264.9 GB) / Total media files: 0 ((0.0 GB)
Select File(5) Select Storage Medium Check Settings Start Cioning Complete	Total 0 fles(0.0 6)	Audio fies Cher fies Excluded image es: 0(0.0 GB) Size folder.
Powered by Clonix Co., Ltd		<< Prev Next.>> Cancel

STEP 10. Select files to exclude from cloning

amsung Data Migration - v.3.1		
Samsung Data Migration	Samsung Data Migration Select media files to exclude from cloning.	?
Start. 🖌 🗸 Disk Analysis and Cloning 🗸	Source Disk: C: (264.9 GB) / Total media files: 1	000 (252.9 GB) 232.9 GB
Select File(s)	Total files excluded: 0 (0.0GB)	Target Disk 71GB Shortage
Select Storage Medium	🔁 Image files 🚺 Video files	Audio files Other files
	Total 250 files(500.0 MB)	Excluded image files: 0(0.0 GB)
	Name	Size
	IPG-cob T3-0.JPG JPG-cob T3-1.JPG JPG-cob T3-1.0.JPG JPG-cob T3-1.00.JPG JPG-cob T3-1.01.JPG JPG-cob T3-1.02.JPG JPG-cob T3-1.02.JPG JPG-cob T3-1.03.JPG JPG-cob T3-1.04.JPG JPG-cob T3-1.05.JPG JPG-cob T3-1.05.JPG JPG-cob T3-1.05.JPG JPG-cob T3-1.05.JPG	2.0 MB 2.0 MB
Powered by Clonix Co., Ltd		<< Prev Next>> Cancel

 Continue selecting files to exclude until the text below the Browse button changes to "Ready to clone to the Target Disk".



STEP 11. In the screen for selecting files to exclude, click [Next>>]

Samsung Data Migration	Samsung Data Migration Select media files to exclude from cloning.			?
Start. 🗸	Source Disk: C: (264.9 GB) / Total media files:	1000 (252.9 GB) 232.9	GB	
				a,
Disk Analysis Summany 🗸	Total files excluded: 1000 (252.9GB) Ready to done to the Ta		e Target Disk	
Select Storage Medium	🔀 Image files 🚺 Video files 🗾 Other fi		r files	
	Total 250 files(500.0 MB)	Excluded imag	e files: 250(0.5 GB)	
	Name		Size	
	M 1PG-cob T3-0.1PG		2.0 MB	1
	☑ JPG-cobT3-1.JPG		2.0 MB	
	✓ JPG-cobT3-10.JPG		2.0 MB	
	☑ JPG-cobT3-100.JPG		2.0 MB	
	☑ JPG-cobT3-101.JPG		2.0 MB	
	☑ JPG-cobT3-102.JPG		2.0 MB	
	☑ JPG-cobT3-103.JPG		2.0 MB	
	☑ JPG-cobT3-104.JPG		2.0 MB	
	☑ JPG-cobT3-105.JPG		2.0 MB	
	JPG-cobT3-106.JPG		2.0 MB	

STEP 12. To clone everything except the selected file(s), go to Step 13.
 To delete the selected file(s) and clone everything else, go to Step 14.
 To save the selected file(s) to another storage device and continue cloning, go to Step 15.

STEP 13. Cloning everything except the selected files

nsung Data Migration - v.3.1	Samsung Data Migration ?
Samsung Data Migration	Select new drive to save selected media files.
Start. 🖌 🗸 Disk Analysis and Cloning 🗸	Total files selected: 1000 (252.9 GB)
	Clone everything except the selected file(s)
Select.File(s) 🗸	O Delete the selected file(s) and continue cloning
Select Storage Medium 🧹	Save the selected file(s) to another storage device and continue cloning
	Select a volume or device to which you want to save the selected media file(s).
	Choose an storage media $\qquad \sim$
	Warning: The media files in the selected source disk will be deleted during the cloning process. Please back them up on a separate storage medium.

 Select the [Clone everything except the selected file(s)] option and then click the [Next>>] button.

STEP 14. Clone after deleting the selected files

msung Data Migration - v.3.1				
_{Samsung} Data Migration	Samsung Data Migration Select new drive to save selected media files.			?
Start. 🗸 🗸 Disk Analysis and Cloning 🗸	Total files selected: 1000 (252.9 GB)			
	O Clone everything except the selected file(s)			
Select File(s)	Delete the selected file(s) and continue cloning			
Select Storage Medium 🧹	Save the selected file(s) to another storage dev	vice and con	itinue cloning	
	Select a volume or device to which you want to	save the se	elected media file(s).	
	Choose an storage media	×		
	Warning: The media files in the selected sou Please back them up on a separate storage r		be deleted during the	e cloning process.
		< Prev	Next >>	Cancel

 Select the [Delete the selected file(s) and continue cloning] option and then click the [Next>>] button.

STEP 15. Cloning after saving the selected files on another storage device

Samsung Data Migration - v.3.1	X
Samsung Data Migration	Samsung Data Migration ?
Start Disk Analysis and Cloning	Total files selected: 1000 (252.9 68)
	O Clone everything except the selected file(s)
Select File(s)	O Delete the selected file(s) and continue cloning
Select Storage Medium	Save the selected file(s) to another storage device and continue cloning
	Select a volume or device to which you want to save the selected media file(s).
	Select a volume or device to which you want to save the selected media hields).
	(Dr.) [L0cal disk] 465.5 GB / 465.8 GB (Remaining space: 465.6 GB) You can save the selected media file(s) to the selected partition or device.
	Warning: The media files in the selected source disk will be deleted during the cloning process. Please back them up on a separate storage medium.
Powered by Clonix Co., Lt	<< Prev Next >> Cancel

- ① Select the [Save the selected file(s) to another storage device and continue cloning] option.
- ② Select the storage device where you want to save the selected file(s).
- ③ Click the [Next>>] button.

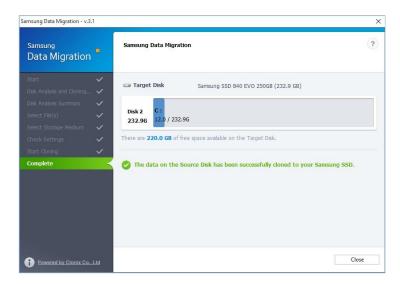
STEP 16. Start cloning

Samsung Data Migration - v.3.1				×
Samsung Data Migration	Samsung Data Migration Please review the total size of the files to be cloned.			(?)
Start: Disk Analysis and Cioning Disk Analysis Summary Select: File(s) Select: Storage Medium	 Source Disk Disk 0 C: 465.8G 12.0 / 465 	Samsung SSD 840 Series (465.8 G	8)	
Check Settings Start: Cloning Complete	 2 Target Disk Disk 2 C: 232.96 12.0 / 232 	Samsung SSD 840 EVO 250GB (2:	32.9 GB)	
Bowered by Clonix Co., Ltd		<< Prev	Start	Cancel

STEP 17. Cloning in progress

Samsung Data Migration		Samsung Data Migration Source Disk will be cloned to your Samsung SSD.			?
Start Disk Analysis and Cloning Disk Analysis Summary Select File(s)	* * * *	 Source Disk Target Disk 	Samsung SSD 840 Series (465 Samsung SSD 840 EVO 2506B		
Select Storage Medium Check Settings	~ ~ ~	Cloning Disk			5%
Start Cloning Complete		normal. Samsung Data Mir	5MB/S he Source Disk and the Target Disk n gration does not clone virtual memory utomatically and are unnecessary wh	r files (page files and hibernati	This is on files),
		 Never disconnect tl 	he disk while cloning is in progress. cannot be cloned. Please close all file		
Powered by Clonix Co. I	td				Cancel

STEP 18. Cloning complete





End of Document

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