

EaseUS® Partition Master

User Guide





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EaseUS Partition Master User Guide	Make your life easy!
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Overview

Welcome

Thanks for using EaseUS Partition Master.

EaseUS Partition Master is a smart and reliable assistance to manage your hard drive in many different ways. With its help, you are able to easily organize and optimize your hard drive with Create, Delete, Resize and other dozens of powerful features.

The user-friendly interface with comprehensive wizards greatly simplifies even the most complex operation on managing your partitions and ensures every feature in this product can be easy to found and navigate.

Edition comparison

There are 5 available editions of EaseUS Partition Master in all.

These available editions are different in features and license authorization.

Free edition - free for home users and doesn't support Windows server operating system. Limited in some features. **Professional edition** - commercial version for desktops and laptops end users.

Server edition - commercial version for Windows server users.

Unlimited Edition - commercial version for enterprise users. It allows unlimited usage within one company. **Technician edition** - providing technical service with unlimited usage.

Detailed comparisons among different editions is in the table below.

	EaseUS	Partition Master	r		
	Free	Professional	Server	Unlimited	Technician
Resize/move partition	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Resize/move dynamic volume	×	\checkmark	\checkmark	\checkmark	\checkmark
Merge partitions	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Wipe partition & disk	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Wipe unallocated space	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Hide/unhide partition	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Set an active partition	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Defrag disk	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Rebuild MBR	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Convert dynamic disk to basic					
disk	\times	\checkmark	\checkmark	\checkmark	\checkmark
Repair RAID 5 dynamic volume	\times	\times	\checkmark	\checkmark	\checkmark



Convert between primary and logical partitions	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Disk surface test	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Command line	×	\checkmark	\checkmark	\checkmark	\checkmark
Delete, Create, Format, Recovery EXT2/EXT3 partition	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Initialize to GPT disk/MBR disk	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Convert MBR system disk to GPT	\times	\checkmark	\checkmark	\checkmark	\checkmark
Convert GPT system disk to MBR	×	\checkmark	\checkmark	\checkmark	\checkmark
WinPE bootable disk	×	\checkmark	\checkmark	\checkmark	\checkmark
4K alignment	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Resize EFI partition	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
MBR disk & partition copy	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Copy dynamic volume	\times	\checkmark	\checkmark	\checkmark	\checkmark
GPT disk & partition copy	×	\checkmark	\checkmark	\checkmark	\checkmark
Migrate OS	×	\checkmark	\checkmark	\checkmark	\checkmark
Partition Recovery	X	\checkmark	\checkmark	\checkmark	\checkmark
Windows XP, Vista, 7, 8/8.1, 10	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Windows Server	×	×	\checkmark	\checkmark	\checkmark
Windows Home Server	X	×	\checkmark	\checkmark	\checkmark

Getting started

Hardware requirements

EaseUS Partition Master requires the computer at least with X86 or compatible CPU with main frequency 500 MHz, a standard PC system with mouse, keyboard and color monitor, and the capability of the RAM memory equal or larger than 1.5GB.

Supported file systems

- FAT12/FAT16/FA532
- NTFS
- ReFS
- EXT2/EXT3

Important consideration: Limited features are supported with EXT2/EXT3 file systems, including Create, Delete, Copy (in Sector Mode only), Format, and Partition Recovery.



Supported storage devices

IDE, SATA, SCSI, USB removable hard disk, Firewire Hard disk, USB flash drive, memory card, etc. Supported capability ranges from minimum 2 GB to maximum 16 TB.

Install and uninstall

To install EaseUS Partition Master:

1. Double Click EaseUS Partition Master setup file to initiate the installation. The Setup Wizard page will be launched. Click Next to continue.

2. Please carefully read the License Agreement, if you accept the terms, select **I accept the agreement**, otherwise you will not be able to proceed with the installation.

3. Choose a location to install the software, install it to the default folder by clicking **NEXT**, or click **Browse** to select a specified location.

4. Set a location for the **shortcut** in Windows start menu.

5. Tick the corresponding option to create a shortcut on your desktop or Windows quick launch bar. Also, you can tick them both.

6. Click Install to confirm your previous selection and start the installation. The final page reports the end of the setup process. Click Finish to complete the wizard.

To Uninstall EaseUS Partition Master:

- From the Windows Start menu, select Start > Settings > Control Panel (From the Windows Start menu, select Start > Control Panel in Windows 7/Vista)
- 2. Double-click Add/Remove Programs, and select Change or Remove Programs (Double-click Programs and Features in Windows 7/Vista).
- 3. Select EaseUS Partition Master, and click Remove to uninstall the related components (Select EaseUS Partition Master from the list and click **Uninstall** in Windows 7/Vista).
- 4. Or select **Start** > **All Programs** > EaseUS Partition Master > Uninstall EaseUS Partition Master. Then, follow the instructions of the uninstallation wizard.

Activation

- 1. To activate **Free** or **Trial** edition, please click **Activate** button at the top-right corner.
- 2. Copy and paste your license code to the box and then click the **Activate**.



EaseUS Partition Master T	rial Edition					≡ 🥹 (🥐 - 🕛
و No o الح				📛 Migrate O	S 🛄 Clone [Partition Recovery	E Creator 🔌 Tools
Partition		File system	Capacity	Тур	e		
Disk 0 (111.79 GB, Ba	Upgrade Now					×	Vsed 30 MB
🕳 *: Recovery		Sel	ect the best	version for your disk manac	ement needs Fea	tures	
🟪 M:				,			otal
-*	Features		•		€3	0 MB	
L C:	reatares			Professional	Server	Unlimited	
Disk 1 (931.51 GB, Ba	Resize, split, merg partitions, etc.	ge, hide, clone, cre	ate	•	•	•	
D: DATA E: BACKUP	Create WinPE bootable disk		•	•	•	lesize	
- F: VMware	Convert MBR sys	stem disk into GP	ī	•	•	•	
🕳 G: EaseUS Backup	Command Line			•	•	•	Label
	Repair RAID-5 vo	olumes		0	•	•	
	Unlimited usage	within one compa	ny	0	0	•	ile System
				\$39.95	\$159	\$399	Test
				Free lifetime upgrades	Free lifetime up	ogrades Free lifetime upgrades	s >
				Buy Now	Buy Now	Buy Now	
Basic GPT *: Rec							
111.79 GB 499 M	License code					Activate	
Disk 1				-			
Basic GPT D: DATA 931.51 GB 241.73		E: BACKUP 263.97 GB	(NTFS)	F: VMware (NTFS) 251.82 GB		EaseUS Bac 3.98 GB	
		Pr	imary 🐂 U	Jnallocated			

Main interface

After the installation please double click the program icon to launch. Once started you will get access to the program main interface.

EaseUS Partition Master					≡ 0	
Comparison of the second s	Pending Operation Lit	st	📛 Migrate OS	📕 Clone 🕂 Partitio	n Recovery 🛛 🕂 Wi	nPE Creator 🔌 Tools
Partition	File system	Capacity	Туре			
Disk 0 (111.79 GB, Basic, GPT)						Used 85.27 GB
- *: Recovery	NTFS	111 MB free of 499 MB	Data Parti	ition		
≝_ M:	FAT32	70 MB free of 100 MB	System, El	FI System Partition		Total
 *:	Other	0 Byte free of 16 MB	Reserved	Partition		111.79 GB
" C:	NTFS	26.34 GB free of 111.19	GB Boot, Data	a Partition		
Disk 1 (931.51 GB, Basic, GPT)	Partition Lis	t Area				
- D: DATA	NTFS	150.85 GB free of 241.73	3 GB Data Parti	ition		Feature List
E: BACKUP	NTFS	37.90 GB free of 263.97	GB Data Parti	ition	•	Clone
- F: VMware	NTFS	47.27 GB free of 251.82	GB Data Parti	ition	•	Delete All
🕳 G: EaseUS Backup	NTFS	54.06 GB free of 173.98	GB Data Parti	ition	5	Convert to MBR
					-	4K Alignment
					•	Wipe Data
						More >
			-			
Disk 0 *: Rec M: (FA Basic GPT *: Rec M: 00 MB 111.79 GB 499 MB 100 MB		(NTFS) 1.19 GB				
Disk 1 Basic GPT 931.51 GB 241.73 GB	E: BACKU 263.97 G		F: VMware (NTFS) 251.82 GB	G: EaseUS Bac 173.98 GB		
		Primary Unallocated		Disk Map and Lege	end Bar	

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Tool bar - This bar consists of 4 resident features on the left and several tools.

Feature list - All the operations that are available to proceed to the selected drive/partition are listed in here.

Pending Operation List - By default, the program does not accomplish operations immediately, but places them on this special list. It helps to avoid possible mistake as you should confirm all provided changes, and saves your time and effort when executing several operations as you don't need to wait for each operation to physically complete before proceeding to the next one. You can click Undo to cancel the operation or Apply to proceed it.

Apply changes - execute all of the Pending operations

Undo last change - cancel the last change from the list.

Redo last change - relist the changes which are canceled by clicking "Undo last change" in Pending operation.

- **Partition list** This area lists all the disks and partitions recognized on this computer. By selecting each disk/partition you are able to see all the available features that can be operated to this drive/partition.
- **Disk map and legend bar** This area displays the layout of all the storage devices recognized on this computer in graphic map. Each device is represented with a rectangle bar that contains small-sized bar, which represents partitions. Some operations can be directly made from here if you right click the selected disk/partition.



Feature introduction

Create

🔋 🕒 🗢 🕨 1 operation waiting			Migrate OS 🔡 Clone	Partition Recovery	🕂 WinPE Creator 🛛 🔌 Tool:
Partition	File system	Capacity	Туре		
Disk 0 (111.79 GB, Basic, GPT)					
🕳 *: Recovery	NTFS	111 MB free of 499 MB	Data Partition		
🟪 M:	FAT32	70 MB free of 100 MB	System, EFI System Pa	rtition	Total 36.13 GB
- *	Other	0 Byte free of 16 MB	Reserved Partition		50.15 GB
🟪 C:	NTFS	26.34 GB free of 111.19 GB	Boot, Data Partition		
Disk 1 (931.51 GB, Basic, GPT)					
- D: DATA	NTFS	150.85 GB free of 241.73 GB	Data Partition		
E: BACKUP	NTFS	37.90 GB free of 263.97 GB	Data Partition		Create
- F: VMware	NTFS	47.27 GB free of 251.82 GB	Data Partition		Create partition or vo
🕳 G: EaseUS Backup	NTFS	17.94 GB free of 137.86 GB	Data Partition		G Surface Test
*	Unallocated	36.13 GB free of 36.13 GB	Unused Partition		Et Sunace lest
					Properties
Disk 0					
		: (NTFS) 11.19 GB			
Basic GPT *: Rec M: (FA 111.79 GB 400 MP 100 MP	10 1916 1	00 11.13			
Basic GPT *: Rec M: (FA 111.79 GB 499 MB 100 MB					
	E: BACKUP	(NTFS) F: VMware (N	TFS) G: EaseU	S Una	

1. Select the unallocated space on a hard drive, and then click **Create** from the Feature List. To create a partition/dynamic volume, before proceeding to the next step, you need to select a partition/volume type and add disk(s) to this volume.

2. In the opened window, enter a partition label to easily identify the partition later, and assign a vacant drive letter from the drop-down list to associate with this partition.

3. Select the desired File System, Cluster Size, and choose to create this partition as Primary or Logical. Generally Primary should be selected if the partition created is used for operation system. Otherwise you can keep this partition logical.

4. Drag-and-drop the border of the light blue bar or fill in the dialogs to define the partition size and position.



5. Click OK when ready. All the introduced changes to the disk layout will be pended until applied in **Pending Operation List.**

Move/Resize

				📥 Migrate OS 🔡 Clor		tition Recovery	يمد 🗖	nPE Creator	🔌 Tools
Partition	P No operations pending	File system	Capacity			and Recovery			-
Disk 0 (111.7	9 GB, Basic, GPT)								Used 119.92 GB
🕳 *: Recover	у	NTFS	111 MB free of 499 MB	Data Partition					HISISE OD
" M:		FAT32	70 MB free of 100 MB	System, EFI Syste	m Partition			Total	
*:		Other	0 Byte free of 16 MB	Reserved Partition	n			140.52 GB	
" C:		NTFS	25.64 GB free of 111.19 GB	Boot, Data Partiti	on				
Disk 1 (931.5	1 GB, Basic, GPT)								
- D: DATA		NTFS	150.85 GB free of 241.73 GE	B Data Partition					
🕳 E: BACKUR	p	NTFS	37.90 GB free of 263.97 GB	Data Partition				Move/Resize	
🕳 F: VMware	e	NTFS	47.27 GB free of 251.82 GB	Data Partition		/	_	Clone	
🕳 G: EaseUS	Backup	NTFS	20.59 GB free of 140.52 GB	Data Partition			¥	Merge	
_ *		Unallocated	33.47 GB free of 33.47 GB	Unused Partition				-	
							≞	Format	
							Ō	Delete	
								More	>
Disk 0									
Basic GPT 111.79 GB	*: Rec M: (FA 499 MB 100 MB		: (NTFS) 11.19 GB						
 Disk 1 Basic GPT 	D: DATA (NTFS)	E: BACKUP	(NTFS) F: VMw	are (NTFS) G: E	aseUS	Una			
931.51 GB	241.73 GB	263.97 GB	251.82	GB 140	.52 GB	33.47 GB			

Resize basic partition

To resize/move a partition:

1. Select a partition, click Move/Resize from the Feature List.

2. Drag-and-drop the borders from a partition (either from the left or the right side) to define its size and position.

3. Click **OK** when ready. All the introduced changes to the disk layout will be pended until applied in **Pending Operation List.**

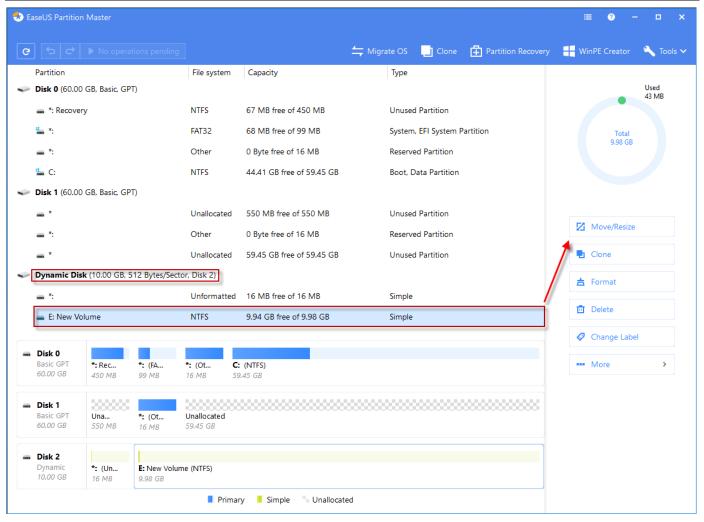
ze/Move					0 ×
Disk 1 Basic GPT 931.51 GB	D: DATA (NTFS) 241.73 GB	E: BACKUP (N 263.97 GB	F: VMware (N 251.82 GB	G: Eas 140.52 GB	Una 33.47 GB
				•	
artition size:	140.52 GB	*			
Ivanced Settir	nas 🗸				
lvanced Settir	ngs 🗸				
lvanced Settir	ngs 🗸				
dvanced Settir	ngs 🗸				

Tips:

- EaseUS Partition Master automatically considers the limitations of file systems and parameters provided. For example, it won't let you enlarge a FAT16 partition over the maximum 4GB value.
- After Moving/Resizing the partition with restore point, you may lose the restore point created by "System Restore" before.
- EaseUS Partition Master is able to resize the BitLocker encrypted partition, only from the right border. You are suggested to completely decrypt the disk before resizing it.

Resize dynamic volume

EaseUS Partition Master helps you resize a dynamic volume, including simple volume, mirrored volume, spanned volume, striped volume and RAID 5 volume. Please note all the dynamic volumes can be resized from the right border only.



Ease

The volumes which have been set the **Quota** cannot be shrunk in EaseUS Partition Master. To remove Quote, please right click the volume in Windows Explorer, choose **Properties**, and set the **Quota** for this volume in here.

To resize a dynamic volume:

- 1. Select a volume, click Move/Resize from the Feature List.
- 2. Drag-and-drop the right borders to define its size and position.
- **3.** Click **OK** when ready. All the introduced changes to the disk layout will be pended until applied in **Pending Operation List.**

Tips:

- **EaseUS Partition Master** is able resize the volume that was created on the same computer only.
- > If you increase the simple volume space to multiple dynamic disks, it will change into spanned volume.
- The spanned volume will change into a simple volume after shrinking it to single dynamic disk. However, it is not available for a striped volume.
- EaseUS Partition Master only supports resizing dynamic volume of NTFS, ReFS and FAT (FAT16/FAT32) file system. Except for NTFS volumes, all the system dynamic volumes on the other 3 file systems can be extended only with the unallocated space adjacent to the right border of the volume on the same hard disk.



Move partition or volume

To move a partition or volume:

- 1. Select a partition/volume, click Move/Resize from the Feature List.
- 2. Drag-and-drop this partition/volume to define its new position.

3. Click **OK** when ready. All the introduced changes to the disk layout will be pended until applied in **Pending Operation List.**

Merge

Merge feature enables to combines the disk space, which originally belongs to 2 adjacent partitions, into a single, larger partition.

Please note that only NTFS, ReFS, FAT12. FAT16 and FAT32 partitions are supported. The order, in which 2 partitions has been chosen is important. You are always suggested to merge the partition with less data to the other one to save your time and effort.

🔁 🔁 🗢 No operations pending			📛 Migr	ate OS	Clone	Partition Recovery	H w	inPE Creator	🔌 Tools
Partition	File system	Capacity		Type					
Disk 0 (111.79 GB, Basic, GPT)									Used 124 MB
🕳 *: Recovery	NTFS	111 MB free of 499	MB	Data Partit	ion				
" M:	FAT32	70 MB free of 100 N	МВ	System, EF	System Parti	tion		Total 232.88 GB	
— *:	Other	0 Byte free of 16 M	В	Reserved P	artition			232.00 00	
🟪 C:	NTFS	24.68 GB free of 11	1.19 GB	Boot, Data	Partition				
Disk 1 (931.51 GB, Basic, GPT)									
- D: DATA	NTFS	150.85 GB free of 2	41.73 GB	Data Partit	ion				
E: BACKUP	NTFS	37.90 GB free of 26	3.97 GB	Data Partit	ion			Move/Resize	
E: VMware	NTFS	43.15 GB free of 25	1.82 GB	Data Partit	ion			Clone	
🕳 G: EaseUS Backup	NTFS	20.59 GB free of 14	0.52 GB	Data Partit	ion		¥	Merge	
- *	Unallocated	33.47 GB free of 33	.47 GB	Unused Pa	rtition		1	ge	
Disk 2 (931.51 GB, Basic, GPT, USB)							=	Format	
🕳 H:	NTFS	232.76 GB free of 2	32.88 GB	Data Partit	ion		Ō	Delete	
 1:	NTFS	235.93 GB free of 2	36.05 GB	Data Partit	ion			More	>
 *	Unallocated	462.58 GB free of 4	62.58 GB	Unused Pa	rtition				
Disk 1									
Basic GPT D: DATA (NTFS) 931.51 GB 241.73 GB	E: BACKUP 263.97 GB	(NTFS)	F: VMware (NTFS) 251.82 GB		G: EaseUS 140.52 GB	Una 33.47 GB			
Disk 2 Basic GP H: (NTFS)	I: (NTFS)		Unallocated						
931.51 GB 232.88 GB	236.05 GB		462.58 GB						

To merge partitions:



1. Select a partition and click Merge from the Feature List.

2. Select an adjacent partition to merge.

3. Select to merge the space to 1 of the 2 specified partition. All the contents on the other partition will be placed in a folder on the resulted jointed partition.

4. Click OK when ready. All the introduced changes to the disk layout will be pended until applied in **Pending** Operation List.

Tips:

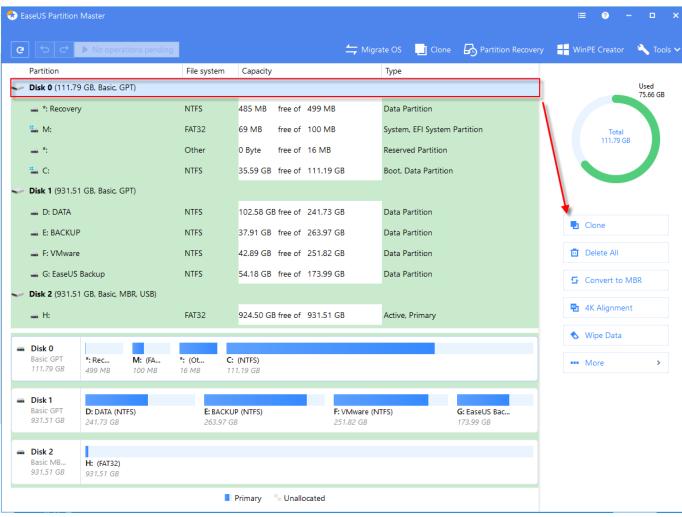
- > EaseUS Partition Master supports merging partitions on basic disk only. It cannot merge dynamic volumes.
- > You can merge the NTFS partitions of different cluster size.
- The 2 partitions you select to merge must be adjacent. It means there should be no other partitions except for unallocated space between these 2 partitions. If there are unallocated space, they will be also merged into the resulted joint partition.
- > Only the non-hidden partition can be merged.
- The boot partition, system partition as well as the partition where EaseUS Partition Master installed cannot be merged into any other partitions.
- > The unused space of the operating partitions should be more than 5% of the total partition space.
- After merging a FAT 16 partition and a FAT 32 partition or both of the partitions are FAT16 file system, the file system of the resulted joint partition will be changed into FAT32 automatically.
- > NTFS partition cannot be merged into FAT partition.

Clone

Disk clone

Disk clone transfers all data (include operating system and program) on the selected hard disk to another. To ensure a successful and smooth clone, please confirm that the capacity of target disk is larger than the used space of source disk.





EaseUS Make your life easy!

eUS Partition Mas	ster User Guide				EaseUS® Make your life easy!
Disk Clone					0 ×
		Source	e: Disk 0	Target: Disk 1	
 Disk 1 Basic GPT 931.51 GB 	D: DATA (N 241.73 GB		E: BACKUP (NTFS) 263.97 GB	F: VMware (NTFS) 251.82 GB	G: EaseUS 173.99 GB
Disk	Size	Model			
Disk0	111.79 GB	KINGST	ON SV300S37A120G ATA B	us	
Disk1	931.51 GB	ST1000	DM003-1ER162 ATA Bus		
				Back	lext Exit
				Back	lext Ex

Here are the steps of disk clone:

- 1. Select a source disk.
- 2. Click the Clone.
- 3. Select a target disk.
- 4. Confirm to delete the partitions and data on the target disk.
- 5. Edit the partition size on the target disk and click the **OK** to initiate the clone.

Tips:

- > In order to make the Windows Operating System bootable on target disk, make sure that:
 - 1. Remove the source disk and shut down the computer after disk copy.
 - 2. Connect the target disk to the socket of the source disk to boot from it.
- > Please do not start the computer directly from the target disk once the disk copy is finished.
- > All partitions and data on target disk will be overwritten.

Partition/volume clone

Cloning a single partition/volume to unallocated space is often used when copying a data partition/volume.



🕹 EaseUS Partition Master						i	≡ ⑦ –	□ ×
C C ► No operations pending			📛 Migrate O	S	Partition Recover	/ 🕂 W	inPE Creator	🔌 Tools 🗸
Partition	File system	Capacity	Тур	e				
🛹 Disk 0 (111.79 GB, Basic, GPT)								Used 139.15 GB
🕳 *: Recovery	NTFS	485 MB free of 499	9 MB Dat	a Partition				
<u>"</u> М:	FAT32	69 MB free of 100	0 MB Syst	tem, EFI System Pa	rtition		Total	
— *:	Other	0 Byte free of 16	MB Rese	erved Partition			241.73 GB	
" C:	NTFS	35.59 GB free of 111	1.19 GB Boo	t, Data Partition				
Disk 1 (931.51 GB, Basic, GPT)								
D: DATA	NTFS	102.58 GB free of 241	1.73 GB Dat	a Partition				
E: BACKUP	NTFS	37.91 GB free of 263	3.97 GB Dat	a Partition			Move/Resize	
🕳 F: VMware	NTFS	42.89 GB free of 251	1.82 GB Dat	a Partition			Clone	
🕳 G: EaseUS Backup	NTFS	54.18 GB free of 173	3.99 GB Dat	a Partition		¥	Merge	
 Disk 2 (931.51 GB, Basic, MBR, USB) H: 	FAT32	924.50 GB free of 931	1.51 GB Acti	ive, Primary		≐	Format	
						Ō	Delete	
Disk 0 Basic GPT *: Rec M: (FA 111.79 GB 499 MB 100 MB		(NTFS) . 19 GB					More	>
Disk 1 Basic GPT 931.51 GB 241.73 GB	E: BACKUP 263.97 GB		F: VMware (NTFS) 251.82 GB		: EaseUS Bac 73.99 GB			
Disk 2 Basic MB H: (FAT32) 931.51 GB 931.51 GB								
	F	Primary 👘 Unallocate	ed					

To copy a partition:

- 1. Select a source partition/volume and click the **Clone** from the Feature List
- 2. Select unallocated space as target partition.
- 3. Edit the size of target partition and click **OK** to clone.

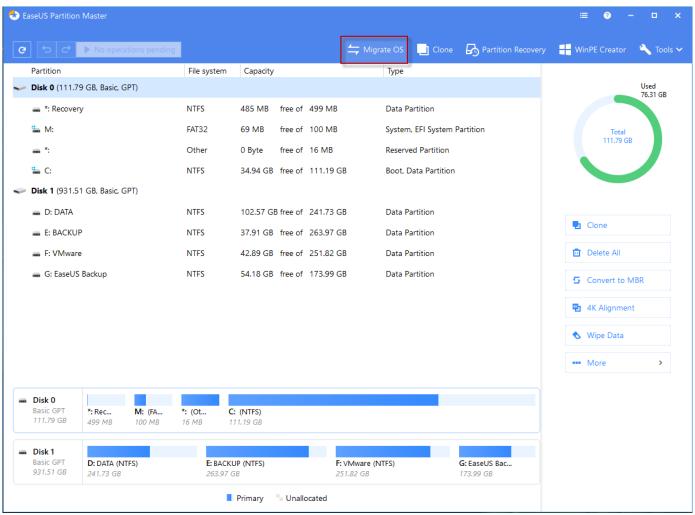
Tips:

- > This feature is not available for the partition which contains Operation System on a GPT disk.
- > Dynamic volume can only be copied to the unallocated space on basic disk.

Migrate OS

Migrate OS is an easy-to-navigate wizard to copy your OS to a new HDD or SSD. Boot and System partitions will be automatically selected in this feature to ensure the target disk can be correctly booted after the work.





EaseUS

To migrate OS:

- 1. Click Migrate OS from the Tool bar.
- 2. Select a target disk.
- 3. Edit the partition size on the target disk.
- 4. Click **OK** to initiate the clone.

Tips:

- > This feature is not available in WinPE Emergency Disk.
- > This option is available only if the system and boot partitions are on the same disk.
- > All partitions on the target drive will be overwritten.

Conversion operations

Convert to NTFS

This feature gives you the option to convert a FAT partition to NTFS, which is nowadays the preferred file system for Microsoft's Windows Operation System, with a great improvement over FAT.



	1 GB, Basic, GP	.,								
🕳 D: DATA		NTFS	102.57 GB free of	241.73 GB	Data Partition			Et la const		
🕳 E: BACKU	Р	NTFS	37.91 GB free of	263.97 GB	Data Partition			Move/Resize		
🕳 F: VMwar	e	NTFS	42.89 GB free of	251.82 GB	Data Partition			Clone		
🕳 G: EaseUS	Backup	NTFS	54.18 GB free of	173.99 GB	Data Partition			★ Format		
Disk 2 (931.5	1 GB, Basic, GP	PT, USB)								
🕳 H:		FAT32	107.24 GB free of	107.26 GB	Data Partition			🛅 Delete		
*		Unallocated	824.25 GB free of	824.25 GB	Unused Partition		\sim	🗞 Wipe Data		
								🚥 More 🗕	► <mark>N</mark> 6 C	Convert to NTFS
									Ø (Change Label
Disk 1 Basic GPT	D: DATA (NTF	IS) E: BACK	UP (NTFS)	F: VMwar	(NITES)	G: EaseUS Bac			P ₀ (Change Drive Letter
931.51 GB	241.73 GB	263.97 (251.82 GE		173.99 GB	i			Check File System
Disk 2]							🛃 s	ourface Test
Basic GP 931.51 GB	H: (FAT 107.26 GB	Unallocated 824.25 GB							ø⊦	lide
	L)	Primary Unallo						C2 6	xplorer

File system conversion steps:

- 1. Select a FAT12/16/32 partition
- 2. Click More > Convert to NTFS
- 3. The pop-up dialog box will show the original and target file system, click **OK** to proceed.

Tips:

- Source file system must be FAT12, FAT16 or FAT32 and the partition is non-hidden.
- > Make sure 3% free space at least on the target partition.

Convert primary to logical

A basic MBR disk can have either up to four primary partitions, or up to three primary partitions plus an unlimited number of logical partitions. You need to convert a primary partition to logical if you want to create a fifth partition on a disk that currently has four primary partitions.

— Н:			FAT32	107.24 GB free	Z Move/Resize		🛅 Delete	
		_			Clone		💊 Wipe Data	
Basic GPT 111.79 GB	*: Rec 499 MB	M: (FA 100 MB	*: (Ot 16 MB	C: (NTFS)	🚖 Format		More	>
					🤠 Delete			
 Disk 1 Basic GPT 	D: DATA (N	TFS)	E: E	BACKUP (NTFS)	🔦 Wipe Data	G: EaseUS Bac		
931.51 GB	241.73 GB		26.	3.97 GB	Lo Convert to Primary	173.99 GB		
Disk 2		100000			🔗 Change Label			
Basic MB 931.51 GB	H: (FAT 107.26 GB	Unallocat 824.25 G			🕲 Change Drive Letter			
					🛃 Surface Test			

To convert a primary partition to logical:



1. Right-click the primary partition that you want to convert and then click Convert to logical.

2. The operation will be pended until executed in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:

- Converting the boot partition or the system partition to logical partition is not available. Otherwise, the computer may have a bootable issue.
- The size of the converted partition might be slightly different from that of the original primary partition, as some space might be required to store supplementary information.

Convert logical to primary

To convert a logical partition to primary:

1. Right-click the logical partition that you want to convert to primary and then click Convert to primary.

2. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:

- A basic MBR disk can only have up to four primary partitions, or up to three primary partitions plus successive logical partitions.
- If the disk contains more than one logical partition, you can convert a logical partition to primary only when there are two or less primary partitions on the disk.

Convert dynamic disk to basic

This feature allows you to convert a dynamic disk containing simple volumes or mirrored volumes into a basic one while keeping its content intact.

EaseUS Partitio	n Master					≡ 0 – □
c <				📥 Migrate OS 🔡 Clone	🕂 Partition Recovery	y 🕂 WinPE Creator 🔌 Tools
Partition Disk 0 (60.00)	0 GB, Basic, GPT)	File system	Capacity	Туре		Used 43 MB
🕳 *: Recove	ery	NTFS	67 MB free of 450 MB	Unused Partition		43 MB
*:		FAT32	68 MB free of 99 MB	System, EFI System P	artition	Total
- *:		Other	0 Byte free of 16 MB	Reserved Partition		10.00 GB
🏪 C:		NTFS	43.56 GB free of 59.45 GB	Boot, Data Partition		
Disk 1 (60.00	0 GB, Basic, GPT)					
- *		Unallocated	550 MB free of 550 MB	Unused Partition		
 *:		Other	0 Byte free of 16 MB	Reserved Partition		Convert to Basic
🕳 F: Clone o	of E:	NTFS	9.95 GB free of 10.00 GB	Data Partition		Surface Test
— *		Unallocated	49.45 GB free of 49.45 GB	Unused Partition		Properties
Dynamic Dis	sk (10.00 GB, 512 Bytes/	Sector, Disk 2)				
🕳 E: New V	olume	NTFS	9.95 GB free of 10.00 GB	Simple		
Disk 0						
Basic GPT 60.00 GB	*: Rec *: (FA 450 MB 99 MB		: (NTFS) 9.45 GB			
Disk 1 Basic GPT 60.00 GB	Una 550 MB *: (Ot 16 MB	F: Clone 10.00 GB	Unallocated 49.45 GB			
Disk 2 Dynamic 10.00 GB	E: New Volume (NTFS)					
		Prima	ry Simple Unallocated	ł		

Ease

To convert a dynamic disk to basic disk:

- 1. Select the dynamic disk.
- 2. Click the **Convert to basic** in feature list.
- 3. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Generally, after converting the dynamic disk, all of the dynamic volumes will be converted to logic partitions except the following situations:

- If there is no enough space for exchanging temporary data on the volume (less than 5% unused space in the volume and no adjacent unallocated space), this volume will be converted to primary partition. However, the MBR basic disk has the limitation that there can be 4 primary partitions at most, if the number of the volumes on a disk with less than 5% unused space and no adjacent unallocated space is over 4, the conversion operation cannot be implemented.
- 2. If the file system of the volume is **NOT** FAT or NTFS, and there is no unallocated space next to the volume, it will be converted to primary partition. If the volumes which fit this situation are more than 4, the dynamic disk cannot be converted to basic disk.

Tips:

> This feature can only process dynamic disk with simple and mirrored volumes. The other types of dynamic disk



like spanned volume, striped volume is not supported.

- > To convert a dynamic disk containing mirrored volumes to a basic disk, please break the mirrored volumes before converting.
- Converting dynamic disk to basic will not cause data loss, however, to avoid data loss caused by other uncertain computer factors, we recommend you back up the disk before any operation!

Convert MBR to GPT

This feature allows you to convert an MBR disk to GPT disk without data loss. MBR can only use utmost 2TB space on a hard disk. To convert an MBR drive to GPT can easily break this limitation.

EaseUS Partition Master							=	≣ ⑦ -	
・ C No operations pending			4	Migrate OS	Clone	Partition Recovery	H Wi	nPE Creator	🔌 Tools
Partition	File system	Capacity		Туре					
Disk 0 (111.79 GB, Basic, GPT)									Used 27 MB
🕳 *: Recovery	NTFS	485 MB free of	499 MB	Data Parti	tion				
🐪 M:	FAT32	69 MB free of	100 MB	System, EF	FI System Part	ition		Total	
— *:	Other	0 Byte free of	16 MB	Reserved F	Partition			931.51 GB	
🏪 C:	NTFS	31.65 GB free of	111.19 GB	Boot, Data	a Partition				
Disk 1 (931.51 GB, Basic, GPT)									
E D: DATA	NTFS	102.47 GB free of	241.73 GB	Data Parti	tion				
E: BACKUP	NTFS	37.89 GB free of	263.97 GB	Data Parti	tion		•	Clone	
E: VMware	NTFS	42.83 GB free of	251.82 GB	Data Parti	tion		Ū	Delete All	
🕳 G: EaseUS Backup	NTFS	54.18 GB free of	173.99 GB	Data Parti	tion		- 5	Convert to G	PT
Disk 2 (931.51 GB, Basic, MBR, USB)								content to o	
🕳 H:	FAT32	107.24 GB free of	107.26 GB	Primary			*	4K Alignmen	t
							•	Wipe Data	
Disk 0 Basic GPT 111.79 GB 499 MB 100 MB		(NTFS) 1.19 GB						More	>
Disk 1									
Basic GPT D: DATA (NTFS) 931.51 GB 241.73 GB	E: BACKU 263.97 G	IP (NTFS) B	F: VM wa 251.82	are (NTFS) GB		EaseUS Bac 9.99 GB			
Disk 2 000000000000000000000000000000000000									
		Primary Unall	ocated						

To convert an MBR disk to GPT:

- 1. Select an MBR disk.
- 2. Click the **Convert to GPT** in feature list.

3. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:



1. The feature is not valid for dynamic disk, but you can convert a dynamic disk to basic before converting it to GPT.

2. System GPT disk can only be booted from UEFI mode, so please make sure your operating system and motherboard are supported to boot from UEFI mode before converting the disk to GPT.

Convert GPT to MBR

This feature allows you to convert a GPT disk to MBR disk without data loss.

• 5 C	No oper	rations pending	9			Vigrate OS 🔄 Clor	ne 🛃 Partition Recovery	WinPE Creator	🔨 Tools
Partition			File system	Capacity		Туре			
Disk 0 (111.7	'9 GB, Basic,	GPT)							Used 79.60 GB
🕳 *: Recove	ry		NTFS	485 MB free	of 499 MB	Data Partition			
Ш .			FAT32	69 MB free	of 100 MB	System, EFI Syste	m Partition	Total 111.79 GE	
* :			Other	0 Byte free	of 16 MB	Reserved Partition	1 N	11.79 G	
🟪 C:			NTFS	31.65 GB free	of 111.19 GB	Boot, Data Partiti	on		
Disk 1 (931.5	1 GB, Basic,	GPT)							
🕳 D: DATA			NTFS	102.47 GB free	of 241.73 GB	Data Partition	N		
🕳 E: BACKU	Ρ		NTFS	37.89 GB free	of 263.97 GB	Data Partition		🖶 Clone	
🕳 F: VMwar	e		NTFS	42.83 GB free	of 251.82 GB	Data Partition		🔟 Delete All	
🕳 G: EaseUS			NTFS	54.18 GB free	of 173.99 GB	Data Partition		G Convert to N	//BR
Disk 2 (931.5	51 GB, Basic,	MBR, USB)	FAT32	107.24 GB free	of 107.26 GB	Primary		🔁 4K Alignmer	it
511.0		_						🔦 Wipe Data	
 Disk 0 Basic GPT 111.79 GB 	*: Rec 499 MB	M: (FA 100 MB		C: (NTFS) 111.19 GB				More	>
Disk 1 Basic GPT 931.51 GB	D: DATA (N 241.73 GB		E: BACK 263.97	CUP (NTFS) GB	F: VM wa 251.82 G		G: EaseUS Bac 173.99 GB		
Disk 2 Basic MB 931.51 GB	H: (FAT 107.26 GB	Unallocat 824.25 GB							

To convert the GPT disk to MBR:

1. Select a GPT disk.

2. Click the Convert to MBR in feature list.

3. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:

1. The feature is not valid for dynamic disk, but you can convert a dynamic disk to basic before converting it to MBR.

2. For system disk, please make sure your motherboard is supported to boot from BIOS mode.



Remove operations

Delete All

One easy-click option to delete all the partitions on the selected hard drive. Please make sure you do not have important data on this disk before using this feature.

; 5 ¢	No oper	ations pending	g			📥 Migrate OS	Clone	Partition Recovery	He Wir	PE Creator	🔌 Tools
Partition			File system	Capacity		Туре					
🕳 *: Recove	ry		NTFS	485 MB free	e of 499 MB	Data Pa	tition				Used 27 MB
Њ М:			FAT32	69 MB free	e of 100 MB	System,	EFI System F	Partition			
 *:			Other	0 Byte free	e of 16 MB	Reserved	Partition			Total	
L C:			NTFS	31.65 GB free	e of 111.19 GE	B Boot, Da	ta Partition			931.51 GB	
Disk 1 (931.	51 GB, Basic,	GPT)									
🕳 D: DATA			NTFS	102.47 GB free	e of 241.73 GE	B Data Pa	tition				
🕳 E: BACKU	JP		NTFS	37.89 GB free	e of 263.97 GE	B Data Pa	tition				
🕳 F: VMwa	re		NTFS	42.83 GB free	e of 251.82 GE	B Data Pa	tition		•	Clone	
🕳 G: EaseU	S Backup		NTFS	54.18 GB free	e of 173.99 GE	B Data Pa	tition		Ē	Delete All	
Disk 2 (931.	51 GB, Basic,	MBR, USB)							5	Convert to G	PT
🕳 H:			FAT32	107.24 GB free	e of 107.26 GE	B Primary					
- *			Unallocated	824.25 GB free	e of 824.25 GE	B Logical			*	4K Alignment	t
	_								•	Wipe Data	
Basic GPT 111.79 GB	*: Rec 499 MB	M: (FA 100 MB		C: (NTFS) 111.19 GB						More	>
Disk 1 Basic GPT 931.51 GB	D: DATA (N 241.73 GB		E: BAC 263.97	CUP (NTFS) GB		VMware (NTFS) 1.82 GB		G: EaseUS Bac 173.99 GB			
Disk 2 Basic MB 931.51 GB	H: (FAT 107.26 GB	Unallocate 824.25 GE									

To delete all partitions:

- 1. Select a hard drive.
- 2. Click the **Delete All** in feature list.
- 3. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.



Delete partition

🕃 EaseUS Pa	tition Master								≡ 0 -	- 🗆 >
G P	🔿 🕨 No ope	rations pending			4	: Migrate OS 🔡	Clone 🛛 🛃 Partition Recov	ery 🕂	WinPE Creator	🔌 Tools '
Partition			File system	Capacity		Туре				
🧼 Disk 0 (111.79 GB, Basic,	GPT)								Used 119.81 GB
🕳 *: Re	covery		NTFS	485 MB free	of 499 MB	Data Partition	I.			
🏪 M:			FAT32	69 MB free	of 100 MB	System, EFI Sy	vstem Partition		Total	
			Other	0 Byte free	of 16 MB	Reserved Part	ition		173.99 GE	
🏪 C:			NTFS	31.65 GB free	of 111.19 GB	Boot, Data Pa	rtition			
🧼 Disk 1 (931.51 GB, Basic,	GPT)								
🕳 D: D	ATA		NTFS	102.47 GB free	of 241.73 GB	Data Partition	I.	L _		
🕳 E: B/	CKUP		NTFS	37.89 GB free	of 263.97 GB	Data Partition	I.	5	Move/Resize	
🕳 F: VI	/ware		NTFS	42.83 GB free	of 251.82 GB	Data Partition	I.		Clone	
🕳 G: Ea	seUS Backup		NTFS	54.18 GB free	of 173.99 GB	Data Partition	I		🕻 Merge	
Disk 2 (931.51 GB, Basic,	MBR, USB)						\mathbb{N}		
🕳 Н:			FAT32	107.24 GB free	of 107.26 GB	Primary			Format	
	-	_						Ī	Delete	
Disk 0 Basic GF 111.79 (. Net	M: (FA 100 MB		C: (NTFS) 111.19 GB					More	>
Disk 1 Basic GP 931.51 (C)			E: BACK 263.97 (UP (NTFS) GB	F: VM w 251.82	vare (NTFS) GB	G: EaseUS Bac 173.99 GB			
Disk 2 Basic Mi 931.51 (C)	H. (FAL	Unallocate 8 824.25 GB	i							
				Primary Un	allocated					

This feature is used to delete the selected partition.

To delete a partition:

- 1. Select a partition.
- 2. Click the **Delete** in feature list.
- 3. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:

- System and boot partition cannot be deleted, otherwise, the computer cannot be booted.
- > After deleting a partition, the data on the deleted partition cannot be accessed!

Wipe Data

Wipe Data can erase all the data on the selected partition/disk/unallocated space. In most cases the data cleaned with this feature are not able to be retrieved.

🐟 Eas	seUS Partition	Master								:=	• • •	×□
G	50	No oper	ations pending				📥 Migrate OS	Clone	Partition Recovery	H Win	nPE Creator	🔌 Tools 🗸
F	Partition			File system	Capacity		Туре	2				
	🕳 *: Recover	У		NTFS	485 MB	free of 499 MB	Data	Partition				Used 139.26 GB
1	M :			FAT32	69 MB	free of 100 MB	Syste	em, EFI System I	Partition			
	. *:			Other	0 Byte	free of 16 MB	Rese	rved Partition			Total	
1	L C:			NTFS	31.65 GB	free of 111.19 GB	Boot	, Data Partition			241.73 GB	
-	Disk 1 (931.5	1 GB, Basic, (GPT)									
	🕳 D: DATA			NTFS	102.47 GE	fron of 2/173 GR	Data	Partition				
	E: BACKUI	р		NTFS	37.89 GB	🔀 Move/Resize	əta	Partition				
	🕳 F: VMware	2		NTFS	42.83 GB	🔁 Clone	əta	Partition			Move/Resize	
	🕳 G: EaseUS	Backup		NTFS	54.18 GB	¥ Merge	ita	Partition			Clone	
-	Disk 2 (931.5	1 GB, Basic, I	MBR, USB)			🚖 Format				~		
	- H:			FAT32	107.24 GE	Delete	im	ary		+	Merge	
	. *			Unallocated	824.25 GE	🔦 Wipe Data	qi	cal		古	Format	
						🛷 Change Label	5			Ē	Delete	
	Disk 0 Basic GPT					🋂 Change Drive L	Letter					
	111.79 GB	*: Rec 499 MB	M: (FA 100 MB		C: (NTFS) 11.19 GB	🗹 Check File Syste	em				More	>
	Di-L 1					🛃 Surface Test						
	Disk 1 Basic GPT	D: DATA (N	ITFS)	E: BACK	UP (NTFS)	ダ Hide			G: EaseUS Bac			
	931.51 GB	241.73 GB		263.97	GB	🔀 Explorer			173.99 GB			
	Disk 2		10000			Properties	2					
	Basic MB 931.51 GB	H: (FAT 107.26 GB	Unallocate 824.25 GB	d								
					Primary	Unallocated						

To wipe data:

- 1. Select a disk/partition (volume)/unallocated space.
- 2. Right-click it and Select Wipe Data.
- 3. Set the number of times to wipe the partition in Wipe Disk/Partition window (The wipe algorithm is to alternately overwrite the disk by 0x00 and random digit according to the wipe times)
- 4. Click **OK** when ready. All the introduced changes to the disk layout will be pended until applied in **Pending Operation List.**

Format

All partitions should contain one or more specific kinds of file systems for storing data. The process of installing a file system is commonly known as formatting. This section explains how to format an existing partition.

The program provides the ability to format partitions into the following file systems:

FAT12 FAT16 FAT32 NTFS





ReFS Ext2

Ext3

🕏 EaseUS Partition Master				≡ @ - □ ×
C C No operations pending			🚔 Migrate OS 📘 Clone 🔓 Partition Rec	covery 🕂 WinPE Creator 🔌 Tools 🗸
Partition	File system	Capacity	Туре	
🕳 *: Recovery	NTFS	485 MB free of 499 MB	Data Partition	Used 226.09 GB
L M:	FAT32	69 MB free of 100 MB	System, EFI System Partition	
	Other	0 Byte free of 16 MB	Reserved Partition	Total
* C:	NTFS	31.65 GB free of 111.19 GB	Boot, Data Partition	263.97 GB
Disk 1 (931.51 GB, Basic, GPT)				
D: DATA	NTFS	102.47 GB free of 241.73 GE	B Data Partition	
E: BACKUP	NTFS	37.89 GB free of 263.97 GB	B Data Partition	
F: VMware	NTFS	42. Move/Resize	Data Partition	Move/Resize
G: EaseUS Backup	NTFS	54. Clone	Data Partition	📮 Clone
Disk 2 (931.51 GB, Basic, MBR, USB)		¥ Merge		
= H:	FAT32	107 E Format	Primary	¥ Merge
= *		824 Delete	Logical	🚖 Format
-	Ghallocated	\delta Wipe Data	Logical	Delete
🕳 Disk 0		Change Label		
Basic GPT *: Rec M: (FA 111.79 GB 499 MB 100 MB	*: (Ot C: 16 MB 111	(NT 1.19 🖻 Change Drive Letter		More >
	(Check File System		
Disk 1 Basic GPT D: DATA (NTFS)	E: BACKUP	N 🛃 Surface Test	e (NTFS) G: EaseUS Bac	
931.51 GB 241.73 GB	263.97 GB	N T	3 173.99 GB	
= Disk 2		Explorer		2
Basic MB 931.51 GB 107.26 GB 824.25 GB	d	Properties		~
107.20 GB 02423 GB				
	F	Primary Unallocated		

To format a partition:

- 1. Select a partition.
- 2. Right-click it and Select Wipe Data.

3. Type the label you want in the Partition Label text box.

4. Select the file system type to be created from the Partition Type drop-down list. (FAT/FAT32, NTFS, ReFS and EXT2/EXT3)

5. Choose the Cluster Size (512 byte,1,2,4...64KB) from drop-down list.

6. Click **OK** when ready. All the introduced changes to the disk layout will be pended until applied in **Pending Operation List.**

Tips:

- > Smaller cluster size makes less wasting of disk space.
- Partition formatting operation destroys all the data on this partition, including files and folders! Take special care when performing this operation.



System Optimize

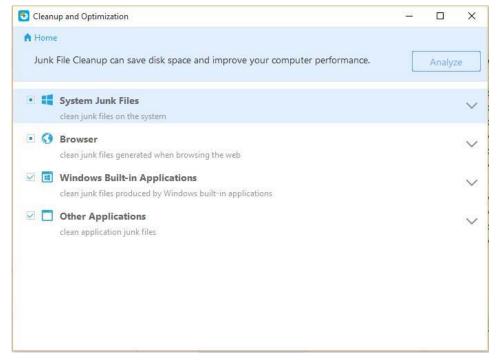
System Optimize includes Cleanup and Optimization functions, it is a tool to keep your system clean and fast. It helps you remove unused files from your system and clean your internet history.

		≡ ?		×
📥 Migrate OS 🔡 Clone	Partition Recovery		or 🔌 Tools	ĭ
Type Data Partition System, EFI System P Reserved Partition	artition	Image: System Image: Syst		
Cleanup and Optimization	and Optimization		_	· 🗆 🗙 Settings
Junk File Cleanup	Large File C		Disk Optimi	ization



Junk File Cleanup

Junk File Cleanup cleans junk files from System, Browser, Windows Built-in Applications and other Applications, it will save disk space and improve your computer performance.



Large File Cleanup

If the capacity of your hard drive is running low, it is time to clean off some files. A good place to start is by locating the largest files on your hard drive. Large File Cleanup can locate these files and easily remove them from your hard drive.



🔁 Cleanup and C	Optimization		9 <u>903</u>		×
A Home Select the di	sk to scan.			Scan	
	System (C:) 57.9 GB free of 111 GB DATA (E:) 179 GB free of 241 GB BACKUP (G:) 199 GB free of 263 GB	VMware (D:) 83.6 GB free of 175 GE Download (F:) 225 GB free of 250 GB			

Disk Optimization

Disk optimization improves the performance of a storage device affected by fragmentation.

performance.		Analyze Optimize
Disk	Media Type	Current Status
System(C:)	Hard disk drive	Completed (4% fragmented)
VMware(D:)	Hard disk drive	
DATA(E:)	Hard disk drive	Completed (1% fragmented)
Download(F:)	Hard disk drive	
BACKUP(G:)	Hard disk drive	



Partition Recovery

Partition Recovery Wizard is an easy-to-use tool, with which you can recover partitions from a hard drive that were accidentally deleted or damaged due a hardware or software failure.

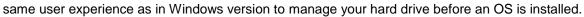
Ӿ EaseUS Partition Master					≣	ଡ – ⊡ ×
C S C No operation	ns pending		📛 Migrate OS	📘 Clone 🗗 Partil	ion Recovery	E Creator 🔌 Tools 🗸
Partition	 File system 	n Capacity	Туре	-		
🕳 *: Recovery	NTFS	485 MB free of	499 MB Data	Partition		Used 97 MB
<u>ш</u> М:	FAT32	69 MB free of	100 MB Syste	m, EFI System Partition		
	Other	0 Byte free of	16 MB Rese	ved Partition		Total
" C:	NTFS	30.92 GB free of	111.19 GB Boot	Data Partition		111.79 GB
🛹 Disk 1 (931.51 GB, Basic, GPT)	1					
D: DATA	NTFS	102.46 GB free of	241.73 GB Data	Partition		
E: BACKUP	NTFS	37.89 GB free of	263.97 GB Data	Partition		
F: VMware	NTFS	42.83 GB free of	251.82 GB Data	Partition	🖬 CI	one
🕳 G: EaseUS Backup	NTFS	54.18 GB free of	173.99 GB Data	Partition	De De	elete All
🥪 Disk 2 (111.79 GB, Basic, MBR	, USB)					onvert to GPT
🕳 H:	NTFS	52.24 GB free of	52.34 GB Logic	al	1 00	Invert to GP1
*	Unallocate	d 59.45 GB free of	59.45 GB Logic	al	48	(Alignment
					💊 w	ipe Data
Disk 0 Basic GPT						
111 70 CD	M: (FA *: (Ot 100 MB 16 MB	C: (NTFS) 111.19 GB			M	ore >
	_		_	_		
Disk 1 Basic GPT D: DATA (NTFS)	E: BA	KUP (NTFS)	F: VMware (NTFS)	G: EaseUS B	ac	
931.51 GB 241.73 GB	263.9	7 GB	251.82 GB	173.99 GB		
Disk 2						
Basic MB H: (NTFS) 111.79 GB 52.34 GB			Unallocated 59.45 GB			
	Pri	nary 📕 Logical	Unallocated			
	Pri	nary 🔳 Logical 👘	Unallocated			

To run Partition Recovery

- 1. Click the Partition Recovery on Tool Bar.
- 2. Select a disk from which you lost data.
- 3. Click the **Scan** to scan the hard drive.
- 4. All detected lost partitions will be listed after the scanning is finished.
- 5. Select your desired partition and click the **Proceed** to recover.
- 6. The Recovered partition can be seen on your hard disk after the successful recovery.

WinPE Creator

The program includes a user-friendly wizard to guide you through the process of creating a WinPE Bootable Media on a USB drive/CD/DVD or in an ISO file to later burn it to your storage device. The build-in interface provides you the



📀 EaseUS Partition Master		≡ 0 - □ ×
C S C No operations pending	📛 Migrate OS 🛄 Clone 🛃 Partition Recovery	🕂 WinPE Creator
	File system Capacity Type	
Disk 0 (111.79 GB, Basic, GPT)	/	Used 694.16 GB
🕳 *: Recovery	NTFS 485 MB free of 499 MB Data Partition	
🟪 M:	FAT32 69 MB free of 100 MB System, EFI System Partition	Total
- *:	Other 0 Byte free of 16 MB Reserved Partition	931.51 GB
🏪 C:	NTFS 30.90 GB free of 111.19 GB Boot, Data Partition	
🥪 Disk 1 (931.51 GB, Basic, GPT)	Create WinPE Bootable Disk 2 X	
D: DATA	NT USB KINGSTON SA400S37120, H: ~	
E: BACKUP	NT	🔁 Clone
🕳 F: VMware	NT CD/DVD V	Delete All
🕳 G: EaseUS Backup	NT Export ISO C:\Users\ZHIHUI\Desktop\ImagePE.iso Browse	Convert to MBR
Disk 2 (111.79 GB, Basic, MBR, USB)		
🕳 H:	NT	💾 4K Alignment
	Proceed	\delta Wipe Data
Disk 0 Basic GPT *: Rec M: (FA	*: (Ot C: (NTFS)	
111 70 CD	16 MB 111.19 GB	More >
Disk 1		
Basic GPT D: DATA (NTFS)	E: BACKUP (NTFS) F: VMware (NTFS) G: EaseUS Bac	
931.37 GB 241.73 GB	263.97 GB 251.82 GB 173.99 GB	
Basic MB		
Basic MB H: (NTFS) 111.79 GB 52.34 GB	Unallocated 59.45 GB	
	Primary Logical Unallocated	

EaseUS Make your life easy

With any paid edition, you can create a WinPE bootable disk. Here are the step procedures.

- 1. Insert a CD/DVD or USB flash drive into your computer first.
- 2. Click WinPE Creator on the tool bar.
- 3. Three radio buttons including **USB**, **CD/DVD**, and **Export ISO** are available in the pop-up window.
- 4. Select any of the three options, and move to the next step to download Microsoft WinPE component.
- 5. If it fails to create bootable disk with the built-in burning components, you can **Export ISO** file and then burn it with a third-party burning tool, such as Nero.

Here is the main interface in WinPE bootable disk.

EaseUS Partiti	Master User								Make your life easy! ≡ • - •
e 5 e	▶ No opera	tions pendi	ng] Clone	Partition	n Recovery	🔒 Add Driver	▶ Windows Shell Comn
Partition			File system	Capacity	,		Туре		
Disk 0 (60.0	0 GB, Basic, GP	תי							Used 18.94 GB
🕳 *: Recove	ery		NTFS	67 MB	free of	450 MB	Unused	Parti.	
1 *:			FAT32	68 MB	free of	99 MB	System,	EFI S.	Total
 *:			Other	0 Byte	free of	16 MB	Reserve	d Par.	54.55 GB
🏪 C:			NTFS	35.60 GB	free of	54.55 GB	Boot, D	ata P	
- *			Unallocated	4.90 GB	free of	4.90 GB	Unused	Parti.	
Dynamic Di	i sk (70.00 GB, 5	12 Bytes/Se	ector, Disk 1, Disk	2)					
- *			Unallocated	551 MB	free of	551 MB	Unalloc	cated	Move/Resize
- *			Unallocated	1.98 GB	free of	1.98 GB	Unalloc	cated	🛃 Clone
		_	(¥ Merge
Disk 0 Basic GPT 60.00 GB	*: Rec 450 MB	*: (FA 99 MB		C: (NTFS) 54.55 GB			Una 4.90		吉 Format
Disk 1	200000		1 300000 1				3000000		🔗 Change Label
Dynamic 60.00 GB	Una 551 МВ	*: (Ot 15 MB		F: Clone of E: (1 37.56 GB	NTFS)		Unallocated 19.91 GB		•••• More >
	F: Now Volu	ne (NTFS)							
Disk 2 Dynamic 10.00 GB	10.00 GB								

You are suggested to click the **Add Driver** to add proper hardware driver if your RAID drive or hard disk cannot be recognized by WinPE bootable disk.

Feature comparison in different environment

The detailed comparison between WinPE bootable disk and Windows environment:

	WinPE bootable disk	Windows environment
Resize/move partition	\checkmark	\checkmark
Resize dynamic volume	\checkmark	\checkmark
Create partition	\checkmark	\checkmark
Format partition	\checkmark	\checkmark
Delete partition	\checkmark	\checkmark
Merge partitions	\checkmark	\checkmark
Wipe	\checkmark	\checkmark
Format system partition	×	×
Resize/move system partition	\checkmark	\checkmark



sei Oulue		
Clone partition	\checkmark	\checkmark
Clone disk	\checkmark	\checkmark
Migrate OS	×	\checkmark
Copy dynamic volume	\checkmark	
Delete all partitions	\checkmark	\checkmark
Convert dynamic to basic	×	\checkmark
Defragment	×	\checkmark
Surface test	\checkmark	
Partition recovery	\checkmark	\checkmark
Change drive letter	×	\checkmark
Convert logical to primary	\checkmark	\checkmark
Convert primary to logical	\checkmark	\checkmark
Convert FAT to NTFS	×	
Command line	\checkmark	\checkmark
Repair Raid 5 dynamic volume	×	
Convert MBR to GPT	\checkmark	\checkmark
Convert GPT to MBR		
Resize EFI partition	\checkmark	
4K alignment	\checkmark	

Other operations

Repair RAID 5 dynamic volume

When the hard disk of RAID 5 dynamic volume goes wrong or if you want to replace the old hard disk with a larger one, you need to repair the RAID 5 volume.

To repair RAID 5 dynamic volume:

- 1. Select a RAID 5 dynamic volume
- 2. Right-click the volume and Select Repair RAID-5 volume-

3. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Rebuild MBR

Once MBR (Master Boot Record) of disk is damaged, system cannot be booted. This feature will rewrite the Master Boot Record of the selected disk without destroying the disk partition table.

To Rebuild MBR:



- 1. Select an MBR disk to rebuild MBR
- 2. Right-click the disk and Select **Rebuild MBR**
- 3. Set up the type of MBR to rebuild in Rebuild MBR window.
- 4. Click **OK**. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Set active

If you have several primary partitions, you must specify one to be the boot partition. For this, one partition can be set as active. As a rule, a disk can have only one active partition.

If there are several primary partitions on an MBR system disk, you must specify only one partition as active for system boot, in most case, the partition should be system or boot partition.

To set an active partition:

- 1. Select a primary partition on MBR disk.
- 2. Right click the selected primary partition and click Set Active.

3. Click **OK**. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:

- Before you make a partition active, you must make sure it is formatted and contains an operating system. Otherwise your PC cannot boot from this partition!
- If you set a partition as active and there is another active partition on the disk, it will be unset automatically. This might also prevent your PC from booting.

Initialize to GPT disk

This feature allows you to initialize a disk into GPT partition mode:

1. Select the unused/blank disk.

2. Right-click the disk and select "Initialize to GPT", or select "Disk > Initialize to GPT" in the main menu.

3. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:

This feature can process disk without any partitions only. GPT partition mode can be applied to all 64-bit Windows OS. The partition mode of GPT supports disks over 2TB.

Command line

EaseUS Partition Master works with Windows Command Line. Using the command line gives you the ability to manage your hard drive without launching the program. Additionally, you can use it to add specific operations when



How to start

To use our product in command line, you need to:

1. Run Windows CMD using your Administrator account.

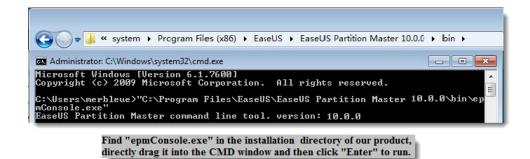
2. Drag the icon of "epmConsole.exe" from the product installation folder into CMD window or simply locate "epmConsole.exe" in CMD.

Method 1:

G	10.0.0 → bin →
Administrator: C:\Windows\system32\cmd.exe	
Microsoft Windows [Version 6.1.7600] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	
C:\Users\merbleue>cd C:\Program Files\EaseUS\EaseUS Partition M	
C:\Program Files\EaseUS\EaseUS Partition Master 10.0.0\bin\epmC EaseUS Partition Master command line tool. version: 10.0.0	onsole.exe

Click "Enter" button to run the command

Method 2:



How to use

When successfully starting our product in CMD, all the available command and parameters for each command will be listed automatically (or you can input -h to get this guide information at any time). The commands can be written in full mode or abbreviation mode, for example.

In abbreviation mode, the command can be:

	NEW		Type FAT32 Unallocated NTFS	3.91 GB 15.62 GB		Unused 3.82 GB 15.62 GB 18 93 GB	Status None None None	Primary Logical Logical Logical	Start(MB) 1 4008 20001	
	NEW	VOLUME	NTFS NTFS	188.23 MB	107.10 MB 92.50 MB	81.13 MB	None None	Logical Logical	39997 40186	
ratio	on c	ompleted	successfully	/-						

list disk 1 and create a 100MB logical partition

Input "epmconsole.exe list -d1" to list the information of Disk 1. And the following command is to create a new logical partition. You need to input "epmconsole.exe" at the front every time when you want to do any operation using the command line. "-d1"=select Disk 1, "-s4008"=create a partition from 4008MB space of the hard disk (you can also omit



these arguments, and it will create a partition from the first unallocated space acquiescently), "-z100"=partition size is 100MB, "-fntfs"=file system is NTFS, "-t=logical"=create a logical partition.

In full mode, the command also can be:

D Letter D: NEV * E:	∤UOLUME FÁŤ3 Unal NTFS	Capacity 2 3.91 GB located 15.62 GB 19.53 GB	Used Unuse 96.86 MB 3.82 0 Bytes 15.62 609.00 MB 18.93	d Status Pr GB None Lo GB None Lo GB None Lo	imary Start(MB) gical 1 gical 4008 gical 20001	
J:	VOLUME NTFS NTFS	87.75 GB	B 107.10 MB 81.13 92.50 MB 87.66		gical 39997 gical 40186	
	T21	FasellS Partition	Master 10.0.0\bi	n>epmConsole.exe	createdisk=1star	t=4008size=
	files\EaseUS\ fstype=log					

list disk 1 and create a 100MB logical partition in full mode

The difference between the full mode and abbreviation mode is that you need to input the full name of each command. And also, the "-" should be "--" instead. Besides, there need to be "=" between command and arguments, such as "-d1" should be "—disk=1".

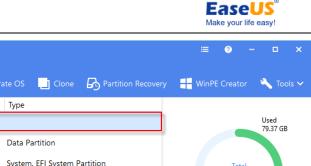
What's more, here is a command to resize partition: "epmconsole.exe resize --disk=0 --volume=0 --start=0 --size=200". It means that our program will resize the first partition on Disk 0 to 200MB. "--start=0" means our program will not resize the partition from its left. If you set it as "--start=100", our program will shrink the selected partition 100MB from its left. And "--size=200" means the total partition size of the target partition after resizing.

4K alignment

In order to ensure the best performance of an SSD, EaseUS Partition Master provides the 4K alignment function to align the 4K sectors on your SSD.

The function can be run triggered after you select a hard disk in EaseUS Partition Master main interface:

😓 EaseUS Partition Master



; 5 ∂	No operations pending					Migrate OS	Clone	Partition Recovery	W	nPE Creator	🔨 Tools
Partition		 File system 	Capacity	,		Туре					
Disk 0 (111.7	9 GB, Basic, GPT)										Used 79.37 GB
🕳 *: Recover	У	NTFS	485 MB	free of 4	199 MB	Data P	artition				
🏪 M:		FAT32	69 MB	free of	00 MB	System	, EFI System F	Partition		Total	
— *:		Other	0 Byte	free of	6 MB	Reserve	ed Partition			111.79 GB	
🟪 C:		NTFS	31.88 GB	free of	11.19 GB	Boot, D	ata Partition				
Disk 1 (931.5	1 GB, Basic, GPT)										
🕳 D: DATA		NTFS	102.45 G	B free of	41.73 GB	Data P	artition				
🕳 E: BACKU	P	NTFS	37.89 GB	free of 2	63.97 GB	Data P	artition		•	Clone	
🕳 F: VMwar	e	NTFS	42.74 GB	free of	251.82 GB	Data P	artition			Delete All	
🕳 G: EaseUS		NTFS	54.18 GB	free of	73.99 GB	Data P	artition		5	Convert to M	1BR
Disk 2 (111.7	9 GB, Basic, MBR, USB)	Unallocated	111.79 G	B free of	11.79 GB	Logical			•	4K Alignmen	t
	_								•	Wipe Data	
Disk 0 Basic GPT 111.79 GB	*: Rec M: (FA 499 MB 100 MB		: (NTFS) 11.19 GB							More	>
Disk 1											
Basic GPT 931.51 GB	D: DATA (NTFS) 241.73 GB	E: BACKI 263.97 (UP (NTFS) 3B		F: VM w 251.82	are (NTFS) GB		G: EaseUS Bac 173.99 GB			
Disk 2 Basic MB 111.79 GB	Unallocated 111.79 GB										
			Primary	Unalloc	ated						

Change Label/Drive letter

To change partition label:

- 1. Select a partition, Click More > Change label in feature list.
- 2. Enter a new label in the Partition label window.
- 3. Click OK. The operation will be pended until applied in Pending Operation List. Click Execute Operation when you are ready to proceed.

To change drive letter:

- 1. Select a disk and a partition.
- 2. Click More > Change drive letter.
- 3. Specify the drive letter you want to assign to the partition, in the new drive letter-drop down list.
- 4. Click OK. The operation will be pended until applied in Pending Operation List. Click Execute Operation when you are ready to proceed.

Tips:

The new partition structure will be graphically displayed in the main window of EaseUS Partition Master. The Change drive letter function is available only with Windows environment.



Check File System

EaseUS Partition Master enables you to check hard disk partitions for file system errors.

- 1. Select a partition.
- 2. Choose More > Check partition.
- 3. In the Check partition window, there is an option "Try to fix errors if found", the found errors will be fixed if you tick the option.
- 4. Click Start to check errors on your partition.

Hide partition

EaseUS Partition Master allows you to hide a partition. It can be useful for protecting important information from unauthorized or casual access.

To hide a partition:

- 1. Select a partition.
- 2. Click More > Hide.
- 3. Click **OK**. The operation will be pended until applied in **Pending Operation List.** Click **Execute Operation** when you are ready to proceed.

Tips:

To unhide a partition, repeat the steps above but click Unhide partition in step 2.

Explore partition

This feature is used to browse a partition of FAT/NTFS/ReFS/EXT2/EXT3 file system. With this feature, you can check the following information:

- > Total and free space of the entire partition.
- The File directory of all folders and files. There is Created/Modified/Accessed time information for each folder/file. Besides, the size information of a specific file is also available with this feature.

Explore partition as following steps:

- 1. Choose a FAT/NTFS/EXT2/EXT3 partition.
- 2. Click **More** > **Explore**.

Properties

To view disk/partition property:

- 1. Select a disk/partition.
- 2. Click **More** > **Properties** in the feature list.

Choose a specific tab to view the information you seek for.



Surface test

This function is used for checking bad sectors on one disk. EaseUS Partition Master will check each sector and display when it finds a bad sector.

To run Surface Test:

- 1. Right-click the disk/partition that you want to check, and then click **More > Surface test**.
- 2. The operation will be immediately performed.

Feedback and Technical support

We invite your comments on how well **EaseUS Partition Master** performed, and we are also enthusiastic in replying all your questions about using it. Please feel free to contact us at:

support@todo-backup.com

We also provide online chat service and the Live Chat option can be located on EaseUS official website www.easeus.com.

To know more about this product, see Basic Technical FAQ For Using Partition Master.