# **Overview**

This instruction pertains to the EaseUS Partition Master user guide, which contains **Welcome** and **Edition Comparison**.

## Welcome

Thank you for choosing **EaseUS Partition Master**.

EaseUS Partition Master is a reliable and intelligent tool that helps you manage your hard drive in various 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 operations in managing your partitions and ensures every feature in this product can be easily found and navigated, making for a seamless experience.

Edition Comparison

There are a total of 5 distinct versions of **EaseUS Partition Master** available.

Each version differs in terms of 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 are in the table below.

1	EaseUS	Partition Maste	r		
	Free	Professional	Server	Unlimited	Technician
Resize/move partition	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Resize/move dynamic volume	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Merge partitions	√*	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
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	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Repair RAID 5 dynamic volume	$\times$	×	$\checkmark$	$\checkmark$	$\checkmark$
Convert between primary and					
logical partitions	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Disk surface test	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Command line	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Delete, Create, Format, Recovery	,	,	,	1	,
EXT2/EXT3/EXT4 partition	~	$\sim$	$\checkmark$	$\checkmark$	$\sim$
Initialize to GPT disk/MBR disk	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Convert MBR system disk to GPT	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
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	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Copy dynamic volume	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
GPT disk & partition copy	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Migrate OS	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Change cluster size	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Partition Recovery	×	~	1	1	1
Win XP Vista 7 8/8 1 10, 11	1		,		,
······································	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Windows Server	$\times$	×	$\checkmark$	$\checkmark$	$\checkmark$
Windows Home Server	×	×	$\checkmark$	$\checkmark$	$\checkmark$

# Getting Started

This section outlines the necessary hardware/software prerequisites for utilizing EaseUS Partition Master, as well as the compatible devices. Additionally, the steps of install/uninstall are provided. 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/FAT32
- exFAT
- NTFS
- ReFS
- EXT2/EXT3/EXT4

Important consideration: Limited features are supported with EXT2/EXT3/EXT4 file systems, including Create, Delete, Copy (in Sector Mode only), Format, Resize.

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 process. 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:

1. 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.

Activate

1. To activate **Free** or **Trial** edition, please click **Activate/Upgrade** button at the top-right corner.

2. Copy and paste your license code to the activation box and then click **Activate**.

EaseUS Partit	tion Master Trial Edition		🔥 Upgrade 📑 🖃 👘 👘	×
	Upgrade Now		×	
Partition Ma		For Home For Business		
E Clone	Upgrade to	Pro version to enjoy all the features		
E Disk Convert	Key Features	Trial Edition	Professional Edition	
Partition Rec	Basic resize, delete, format, merge	Preview Only	~	
Tartition Nec	Clone partitions	Preview Only	~	
Bootable Me	MBR to GPT on data disk	Preview Only	~	
	FAT to NTFS or vice versa	Preview Only	<ul> <li>Image: A set of the set of the</li></ul>	
Toolkit	Advanced resize, merge operations	Preview Only	~	
	Clone disk, migrate OS	Preview Only	✓	
	MBR to GPT on system disk	Preview Only	~	
	Split partition	Preview Only	<b>~</b>	
	Change cluster size	Preview Only	~	
	Partition recovery		~	
	Create bootable disk	121	· • ·	
		5	\$39.95 / Lifetime 🔻	
			Buy Now	
			30-day money back	
	License code		Activate	

# Main Interface

After the installation is complete, kindly double-click on the program icon to begin. Upon starting the program, the main interface will be accessible to you.

EaseUS Partition Master Trial	Edition		ზ Upgrad	le 🗦 🖃 📄 — 🗆 X
Tool Bar Partition Manager	My Disks		B≣ ≡ C	Feature List Srive (E:)
🛃 Clone	Disk 0 (KINGSTON SUV400537120G)		111.79 GB Basic, MBR	🗗 Clone
Disk Converter	C: (NTFS)			🖶 Resize/Move
Recovery				1 Delete
Bootable Media	Disk 1 (ST1000DM003-1SB102)		931.51 GB Basic, MBR	👲 Wipe
Toolkit	<b>D: New Volume(NTFS)</b> 299.39 GB	E: New Volume(NTFS) 315.30 GB	F: New Volume(NTFS) 316.82 GB	₫ Merge 00 Split
	Disk I	Map and Legend Bar		More 🔻
				-Pending Operation List Task in Queue う ♂
		Primary Logical		1 Smart resize on disk 1
	Properties	Properties List	•	
	Drive Letter E:	Label	New Volume	
	Size 296.58 GB free of	Saturna Bytes/Sector	512 Bytes	
	Type Logical	Bytes/Cluster	4 KB	😔 Execute 1 Task(s)

Tool bar - This bar consists of 7 main parts of Partition Master.

**Disk Map and Legend Bar** - This section exhibits the arrangement of all storage devices perceived on this computer in a graphic map. Every device is symbolized by a rectangle bar that comprises of small-sized bars, which signify partitions. Certain actions can be performed directly by right-clicking the chosen disk/partition.

**Feature List** - Here, you can find a comprehensive list of all the actions that can be carried out on the chosen drive/partition.

**Properties List** - This area presents the characteristics of the disk/partition, including drive letter, size, type, and sectors.

**Pending Operation List** - The area is designed to add all pending operations to a special list instead of executing them immediately. This feature ensures that you can carefully review all changes before confirming them, which prevents potential errors. Additionally, it saves you time and effort when executing multiple operations as you do not need to wait for each one to be completed before moving on to the next. You can either click Undo to cancel an operation or Apply to proceed with it.

Apply changes - execute all of the Pending operations

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

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

# Feature Introduction

Introduce the functions and features of **EaseUS Partition Master** in detail.

### Create

2	EaseUS Partition Master Prof	essional Edition (*) Pro					) X
Ŀ	Partition Manager	My Disks			B≣ ≡ C	늘 Drive (*:)	
	Clone	Disk 0 (KINGSTON SUV400537120	G)		111.79 GB Basic, MBR	Create	
E	Disk Converter	*: C: (NTFS)				호 Wipe	
¢	Partition Recovery	579 MB 111.22 GB				Surface Test	
	Bootable Media	Disk 1 (ST1000DM003-1SB102)			931.51 GB Basic, MBR	Details	
Û	Toolkit	D: New Volume(NTFS) 299.39 GB	E: New Volume(NTFS) 300.98 GB	F: New Volume(NTFS) 316.82 GB	*: (Unal 14.32	te	
					<ul><li>✓ Wipe</li><li>☑ Surfa</li><li>E Deta</li></ul>	e ace Test ils	5 <b>с</b> *
			Primary Logical	Unallocated			
		Properties			•		
		Bytes/Sector 512 Bytes					
						→ No task	

1. Please select the unallocated space on your hard drive, and then either click on **Create** from the Feature List, or right-click on the selected space. In order to create a partition or dynamic volume, you must first select the appropriate partition/volume type and add the necessary disk(s) to this volume before moving on to the next step.

2. Please enter a label for the partition to easily identify it later and select an available drive letter from the drop-down list to associate with this partition.

3. Choose the desired File System, Cluster Size, and whether to create this partition as Primary or Logical. Generally, Primary should be chosen if the partition is intended for use by the operating system. Otherwise, you may choose to keep the partition logical.

4. Please define the size and position of the partition by dragging and dropping the border of the light blue bar or filling in the appropriate dialog.

5. When you are ready, click **OK**. All changes to the disk's layout will be pending until they are applied in **Pending Operation List**.

EaseUS Partition Master Professional Edition (* Pro										
C P	artition Mana	ger Allocate Space	y Disks					≣ ≡ C	5	Drive (E:)
	isk Converter	Disk 1 931.51 GB Basic, MBR	D: New Vol	ume(NTFS)	E: New Volume(NTFS)	) F: New Vo	lume(NTFS)	<b>G: (FAT</b> 14.32		Resize/Move Format
Ba	ootable Medi	Allocate 0 Byt	e space from N	lew Volume(E:) to	D: New Volume	•			Ū ⊉	Delete Wipe
T	oolkit	<b>0</b>			D: New Volume F: New Volume G:				0 0  0	Merge Split Extend/Shrink
		Partition size: Advanced Set	2 tings 🔻	99.39 GB	Create new partition				0	Allocate Space
									2	Change Drive Letter Surface Test
						I	ОК	Cancel	44 123	Logical to Primary NTFS to FAT
		Si By By	ze rtes/Sector rtes/Cluster	282.27 GB f 512 Bytes 4 KB	free of 300.98	File System Type	NTFS Logical		ų O	Change Cluster Size Check File System

# Allocate Space

1. Please choose a partition on your hard drive and click on **Allocate Space** from the list of features.

2. In the new window, you have the option to allocate the unused space of the selected partition to another partition on the same disk or create a new partition using the available space.

3. To define the partition size and position, you can either drag and drop the border of the light blue bar or fill in the provided dialog boxes.

4. Click **OK** when you are ready. Any changes made to the disk layout will be temporarily saved in **Pending Operation List** until they are applied.

# Extend/Shrink

**Extend/Shrink** function is designed to facilitate the process of adjusting the partition size on your disk in a single step. With this function, you need not worry about the partition layout. Simply modify the partition border to the desired size, and the changes will be made accordingly. This function is equivalent to the Adjust Disk Layout function available in the previous version.

EaseUS	5 Partition Ma	aster Professional Edition () Pro		
Partitic		My Disks 🔠	≡∣c	Disk 0
🛃 Clone	Adjust Disk La	ayout ? ×	MBR	Clone/Migrate OS
🖻 Disk Co		Disk 0 (111.79 GB)		😸 Adjust Disk Layout
Partitio		KINGSTON SUV400S37120G		1 Delete All
		You can choose a partition and drag dots from the head or tail to change the whole disk layout.		👲 Wipe Disk
E Bootab		Disk 0 : (N C: (NTFS)	MBR	Surface Test
Toolkit		111.79 GB 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	σ	Properties
		Partition size:       5.1 GB         CK       Cancel         Model       KINGSTON SUV40053712       Serial Number       500266776902EB58	-	

When the available space on your partition is insufficient, our product will prompt a low disk space alert.

EaseUS Partition Master Pro	fessional Edition (U) Pro	
Discovery	My Disks	8≣ ≡ C 😜 Drive (C:)
Partition Manager	<b>Disk 0</b> (ST1000DM010-2EP102)	931.51 GB Dynamic Clone/Migrate OS
🛃 Disk Clone	D: (NTFS) (NTFS) (NTFS) (NTFS) (NTFS)	*: (Oth
Disk Converter	dD 02.004 dD 11.101 dD 20.004	K Extend/Shrink
Partition Recovery	Disk 1 (KINGSTON SA400537120G)	111.79 GB Basic, GPT O Allocate Space
Bootable Media	*: (FAT	Surface Test
Toolkit	237.16 24.33 GB 16 MB 87.22 GB Insufficient free space in partition (C). Adjust with 1-Click	روت Change Cluster Size ط Details
	Primary Simple Unallocated	Task in Queue   D     1   Resize/Move partition (D:) on disk 0
	Properties	• 2 Resize/Move partition (*:) on disk 1
	Bytes/Sector 512 Bytes Bytes/Cluster 4 KB	3 Adjust layout on disk 1
		😑 Execute 3 Task(s)

After clicking on **Adjust with 1-Click**, EaseUS Partition Master will intelligently adjust the partition size to resolve the low space issue. You will only need to click on **Proceed** to continue the process.



If the Smart Space Adjustment feature is not sufficient, you may also manually resize the item by clicking on **Manual Adjustment**.

0	EaseUS Partition Master	Professional	Edition U Pro								e .		
0	Discovery	<b>My Di</b> Adjust Disk La	<b>sks</b> iyout						₽Ξ	≡	×	Drive (C:)	
	Partition Manager Disk Clone	0	Disk 1 (111.79 G KINGSTON SA40 You can choose	iB) 10537120G e a partitio	n and drag do	ots from the hea	d or tail to chang	e the whole dis	sk layout.			Clone/Migrate OS Format Delete	
U U U	Partition Recovery Bootable Media		Disk 1 111.79 GB Basic GPT	*: *: 2 1	<b>C: (NTFS)</b> 111.54 GB							Extend/Shrink Allocate Space Surface Test	
ĉ	Toolkit		Partition size:	111.54 G	ġB ‡							Change Cluster Size Details	
												n Queue Resize/Move partition on disk 0 Resize/Move partition on disk 1	<b>ウ</b> ご (D:) (*:)
				,					OK	Cancel		Adjust layout on disk 1	1 s)

If the disk is nearly full, your only options to free up space are to perform a disk cleanup or upgrade to a larger disk.



Extend with 2nd Disk

If the free space on the C drive is running low and there is limited space available on its host disk, you can use **Extend with 2nd disk** option to create additional space by moving program files, user files, program data, or other files from the C drive to another drive within the same computer. This option provides an alternative to expanding the C drive onto a secondary disk.

1. Kindly indicate the C drive, and if it is highlighted in red due to low free capacity, an option to extend with a 2nd disk will be presented.

🕏 EaseUS Partition Ma	ster Professional Edition			≡ ? - □ ×
C 5 0		<b>#</b> N	Aigrate OS 📮 Clone 🕒 Partition Recov	very 💿 WinPE Creator 🍳 Tools 🗸
Partition	File system	Capacity	Type	Low Disk Space Alert ×
📕 Disk 0	-	60.00 GB	Basic, GPT	Free space on partition (C:) on disk 0 is
*;	FAT32	69 MB free of 100 MB	System, EFI System Partition	ION.
C:	NTFS	8.87 GB free of 59.90 GB	Boot, Data Partition	Extend with 2nd disk
Disk 1	-	60.00 GB	Basic, MBR	
D:	NTFS	29.91 GB free of 30.00 GB	Primary	Usage of Disk 0
	Unallocated	30.00 GB free of 30.00 GB	Logical	Total 60.00 GB
	$\langle \rangle$			Adjust Disk Layout
				Clone
Disk 0 60.00 GB *: (FAT Basic GPT 100	T32) C: (NTFS) MB 59.90 GB			Delete All
		Free space on partition (C:) is VER	IY Low.	🔁 Wipe Data
Disk 1           60.00 GB         D: (N1           Basic MBR         30.0	TFS) 00 GB	Extend with 2nd disk Adjust wi *: Unallocated 30.00 GB	ith 1-Click	No Convert to MBR
		Primary Unallocated		••• More

2. The software will automatically calculate the amount of space that can be extended. Please click on **Customize Plan** to proceed.

Extend with 2nd disk			×
Estimated extendable spa	ace is 5	.84 GB.	
Space before extension		Space after extension	
8.86 GB available on C drive:		14.70 GB available on C drive:	
Used Available	<b>&gt;&gt;&gt;</b>	Used Available	
		Customize Plan	

3. In this step, kindly select the files you wish to transfer by ticking the relevant boxes, such as Program Files, User Home, and Program Data. You may also choose to include other folders. To add a folder, simply click on the folder icon

and select **Add folder**. Once you have selected all the necessary files, click **Next**.

Extend with 2nd disk	
Customize extension plan 8.86 GB available on C drive:	
<ul> <li>Move "Program Files" to the extended partition (2.18 GB) Please close other programs to move "Program Files".</li> <li>Move "User Home" to the extended partition (3.63 GB)</li> <li>Move "Program Data" to the extended partition (0.03 GB)</li> <li>Add folders you want to move (0.00 GB)</li> </ul>	
Back Next	

Move folders to	the extended partition		×		
C:\Users\admir	1		•		
C:\Users\admir	n\.		•		
C:\Users\admir	n\		•		
	Select Folder				
	← → ~ ↑ ≦→ T	his PC → Local Disk (C:) →			5 1
	Organize 🔻 New fold	der			
	This PC	Name		Date modified	Тур
Add Folder	3D Objects	Intel		11/19/2021 4:45 PM	File
	Desktop	PerfLogs		12/7/2019 5:14 PM	File
		Program Files		2/14/2022 3:54 PM	File
	Develoads	Program Files (x86)		2/14/2022 3:54 PM	File
	- Downloads	Users		11/19/2021 4:36 PM	File
	Pictures			2/14/2022 3:47 PM	File

**Note:** Please ensure that all other programs on your computer are closed before selecting Move Program Files.

4. Select the location of the extended partition for the C drive and click **Proceed.** EaseUS Partition Master will create an extended partition on the location drive according to the configuration you set and move all selected folders to the extended partition. The C drive will be freed up of all relevant space following the process.

Extend with 2nd disk									
Configure the extended partition for C drive									
Extended partition for C drive is configured	d at the end of	D:(NTFS,30 GB a	vailable)			~			
Space of the extended partition[A:] Min: 8 GB	1 1	I	I	I	Max: 26 GB				
			Back		Proceed				

**Note:** Once you move the folders to the other hard drive using **Extend with 2nd Disk** feature in this software, they cannot be transferred back to the C drive. Therefore, please carefully double-check each step before proceeding.

Move/Resize

EaseUS Partition Master Professional Edition (*) Pro									
Partition Manager	My Disks Bit = C	늘 Drive (F:)							
E Clone	bisk 0 (KINGSTON SUV400537120G ) 111.79 GB Basic, MBR	Clone							
Disk Converter	*: C: (NTFS)	E Resize/Move							
Partition Recovery	579 MB 111.22 G8	G Format							
Bootable Media	Disk 1 (ST1000DM003-158102)     Resize/Move	Wipe							
Toolkit	C New Volume(NTFS) F: New	Merge							
	299.39 GB 300.98 GB 316.82 GB &	Split							
	🔂 Merge	ore 🔻							
	uju Split	cin Queue 🕤 🔿							
	Extendyshrink     Allocate Space								
	Primary Logical Unallocated Schange Label								
	Properties 2 Change Drive Letter								
	Drive Letter F: Label New 2 Advanced	>							
	Size 141.31 GB free of 316.82 File System NTF	_							
	Bytes/Cluster 4 KB Active No E Details	→ No task							

## **Resize Basic Partition**

To resize/move a partition:

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

2. Drag the borders of the partition either left or right to specify its new size and position.

3. Click **OK** when finished. All changes made to the disk layout will be saved in the **Pending Operation List** until applied.

		E: New Volume(NTFS)	F: New Volume(NTFS)	*: (Unal
931.51 GB Basic, MBR	299.39 GB	300.98 GB	316.82 GB	14.32
Partition size:	275.65 GB	:		

EaseUS Partition Master has the capability to effortlessly extend a partition by utilizing any non-continuous space within the same disk. The split line which is visible in the screenshot represents the boundary of the separate unallocated spaces.

Furthermore, Partition Master can conveniently acquire any unused space from other partitions present on the same disk to extend the preferred partition.

🐟 EaseUS Part	ition Master Professional Edition						≡ ? -	□ ×
e 5 0	🕈 🗼 No operations pending				📥 Migrate OS 🔡 Clon	e 🗗 Partition Recovery	H WinPE Creator	🔨 Tools 🗸
Partition	31.51 GB, Basic, GPT)	File system	Capacity		Туре			Used 145.90 GB
🕳 D: DA	ТА	NTFS	72.74 GB fr	ee of 218.65 GB	Data Partition			
🕳 F: VM	lware	NTFS	68.23 GB fr	ee of 328.43 GB	Data Partition		Total	
🏪 G: Ba	ckup	NTFS	99.01 GB fr	ee of 384.44 GB	System, Data Partit	ion	218.03 68	
🛹 Disk 1 (1	11.79 GB, Basic, GPT)							
<b>—</b> M:		FAT32	570 MB fr	ee of 599 MB	EFI System Partition	n		
- *		Unallocated	16 MB fr	ee of 16 MB	Unused Partition		f	
🏪 C:		NTFS	22.42 GB fr	ee of 110.68 GB	Boot, Data Partition	ı	Kesize/Move	
<b>=</b> *		NTFS	88 MB fr	ee of 518 MB	Recovery Partition		Allocate Space	
🛹 Disk 2 (9	31.51 GB, Basic, MBR)						🛃 Clone	
🕳 1: Ease	eUS	NTFS	654.58 GB fr	ee of 931.51 GB	Primary		Y Marga	
							◆ merge	
- Disk 0							🚖 Format	
Basic GPT 931.51 GL	D: DATA (NTFS) 218.65 GB	F: VMware ( 328.43 GB	NTFS)		G: Backup (NTFS) 384.44 GB		•••• More	>
(								
Disk 1 Basic GPT	M: (FAT32) *: Unallo	C: (NTES)				*: (NTES)		
111.79 Gl	<sup>8</sup> 599 MB 16 MB	110.68 GB				518 MB		
🛥 Disk 2								
Basic MBI 931.51 GI	R I: EaseUS (NTFS)							
		•	Primary 🖏	Unallocated				

If your data disk has a disk size of over 2TB, but you are only able to utilize a maximum of 2TB due to MBR limitations, EaseUS Partition Master can assist in automatically converting your disk from MBR to GPT. This will enable you to utilize more than 2TB of space.

🐟 EaseUS Partitio	n Master Professional Edition				≡ 0 - □ ×
e 5 ¢				📛 Migrate OS 📃 Clone 🕞 Partition Recover	y 🕂 WinPE Creator 🔌 Tools 🗸
Partition	monumonananananananananananananana	File system	Capacity	Туре	anaunun kun kun kun kun kun kun kun kun kun
🏪 G: Backu	p	NTFS	99.01 GB free of 384.44 GB	8 System, Data Partition	Used
🛹 Disk 1 (111.)	79 GB, Basic, GPT)				
<b>—</b> M:		FAT32	570 MB free of 599 MB	EFI System Partition	Total
*		Unallocated	16 MB free of 16 MB	Unused Partition	1.99 18
🏪 C:		NTFS	22.39 GB free of 110.68 G	Boot, Data Partition	
<b></b>		NTFS	88 MB free of 518 MB	Recovery Partition	
🛹 Disk 2 (931.	51 GB, Basic, MBR)				
🕳 l: EaseUS	;	NTFS	654.39 GB free of 931.51 G	3 Primary	Resize/Move
🛹 Disk 3 (300.	00 GB, Basic, GPT)				Allocate Space
🕳 H: New \	/olume	NTFS	299.90 GB free of 300.00 GB	3 Data Partition	Clone
🛹 Disk 4 (3.00	TB, Basic, MBR)				
E:		NTFS	1.99 TB free of 1.99 TB	Logical	🚖 Format
🕳 Disk 2					🛅 Delete
Basic MBR 931.51 GB	l: EaseUS (NTFS) 931.51 GB				More >
🚍 Disk 3					
300.00 GB	H: New Volume (NTFS) 300.00 GB				
🕳 Disk 4			N		
Basic MBR 3.00 TB	Basic MBR 3.00 TB 1.99 TB		k	*: Unallocated 1024.00 GB	
		Prima	ary 📕 Logical 🏾 Unallocate	ed 🖉	

### Tips:

• EaseUS Partition Master takes into account the inherent limitations of file systems and parameters provided. This means that you cannot expand a FAT16 partition beyond the maximum limit of 4GB.

◆ If you use the restore point feature while moving or resizing a partition, any restore points created by the **System Restore** feature may be lost.

• EaseUS Partition Master is capable of resizing partitions that have been encrypted using BitLocker, but only from the right border. We recommend decrypting the disk entirely before attempting to resize it.

### **Resize Dynamic Volume**

**EaseUS Partition Master** is an efficient tool that enables the resizing of dynamic volumes, such as simple, mirrored, spanned, striped, and RAID 5 volumes. It is important to note that all dynamic volumes can only be resized from their right border.

5	EaseUS Partition Master Prof	E		
Ŀ	Partition Manager	My Disks 8= C	-	Drive (F:)
Ð	Clone	bisk 0 (KINGSTON SUV400537120G ) 111.79 GB Basic, MBR	6	Clone
E	Disk Converter	• C: (NTF5) Scame 11122 GB		Resize/Move
¢	Partition Recovery		t I	Delete
	Bootable Media	Disk 1 (ST1000DM003-158102)     931.51 GB Dynamic	۹ وې	Change Label
	Toolkit	D: New Volume(NTFS)         E: New Volume(NTFS)         F: New Volume(NTFS)           299.39 GB         300.99 GB         316.82 GB         To ne	<u>8</u> (	Change Drive Letter Surface Test
		Image: Control     Image: Control       Image: Contro     Image: Contro		•
		<ul> <li>Primary</li> <li>Simple</li> <li>Unallocated</li> <li>Surface Test</li> </ul>		
		Properties 📚 Advanced	>	
		Drive Letter F: Label New V to Explore Size 141.31 GB free of 316.82 Bytes/Sector 512 Bytes		

It is not possible to reduce the size of volumes that have been assigned a Quota using EaseUS Partition Master. To remove the Quota, kindly right-click on the volume in Windows Explorer, select Properties, and disable the Quota for that specific volume.

For resizing a dynamic volume, kindly follow these three simple steps:

1. Select the volume you wish to resize, and click on **Resize/Move** from the Feature List.

2. Adjust the size and position of the volume by dragging the right borders.

3. Once done, click **OK**. Any changes made to the disk layout will be saved in the **Pending Operation List** until they are applied.

### Tips:

• EaseUS Partition Master is capable of resizing volumes that were created on the same computer only.

• Increasing the simple volume space to multiple dynamic disks will cause it to change into a spanned volume.

• This spanned volume can then be changed back into a simple volume by shrinking it to a single dynamic disk. However, please note that this feature is not available for a striped volume.

◆ EaseUS Partition Master only supports resizing dynamic volumes of NTFS, ReFS, and FAT (FAT16/FAT32) file systems. It is important to note that all system dynamic volumes, except for NTFS volumes, on the other three file systems can only be extended with unallocated space that is 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, and click **Move/Resize** from the **Feature List**.
- 2. Define the new location by dragging and dropping the partition/volume.

3. Click **OK** when ready. All modifications made to the disk layout will be saved in the Pending Operation List until they are applied.

Merge

The merge function allows you to combine the disk space from two separate partitions into one larger partition. It is important to note that only NTFS, ReFS, FAT12, FAT16, and FAT32 partitions are compatible with this feature. The order in which you select the two partitions is also crucial. To save time and energy, we recommend merging the partition with less data into the other partition.

EaseUS Partition Master Pro	F 🖸 🛛 — 🗆 🗙		
Partition Manager	My Disks	æ ≡ ⊂	👕 Drive (D:)
E Clone	Disk 0 (KINGSTON SUV400537120G)	111.79 GB Basic, MBR	🔁 Clone
Disk Converter	*: C: (NTFS)		Resize/Move
Partition Recovery	579 MB 111.22 GB		<ul> <li>Pormat</li> <li>Delete</li> </ul>
Bootable Media	🚍 Disk 1 (ST1000DM0) 😸 Resize/Move	931.51 GB Basic, MBR	호 Wipe
Toolkit	D: New Volume(1 299.39 G8	F: New Volume(NTFS)         *: (Unal           316.82 GB         14.32	10 Merge
	t Merge	]	More 🔻
	aja Split ☑ Extend/Shrink		
	<ul> <li>Allocate Space</li> <li>Change Label</li> </ul>	Unallocated	
	Properties Change Drive Letter	•	
	Drive Letter D: C Advanced	New Volume	
	Bytes/Sector 51 C Explore Bytes/Cluster 41 E Details	Logical	

To merge partitions:

- 1. Select a partition and click **Merge** from the **Feature List**.
- 2. Select the partition that you want to merge with.

3. Decide which partition you want to merge the space to, from the 2 specified partitions. The data from the other partition will be moved to a folder on the newly created joint partition.

4. Click **OK** when ready. All changes to the disk layout will be saved as pending operations until they are applied in **Pending Operation List**.

## Tips:

• EaseUS Partition Master can only merge partitions on basic disks, and

cannot merge dynamic volumes.

◆ You can merge NTFS partitions with different cluster sizes using EaseUS Partition Master.

• Only the non-hidden partition can be merged.

◆ You cannot merge the boot partition, system partition, or the partition where EaseUS Partition Master is installed with any other partitions.

• Before merging partitions, ensure that the unused space of the operating partitions is more than 5% of the total partition space.

◆ If you merge a FAT16 partition and a FAT32 partition, or if both partitions have a FAT16 file system, the resulting joint partition will be automatically changed to FAT32.

• NTFS partitions cannot be merged into FAT partitions using EaseUS Partition Master.

Split Partition

**Split Partition** feature allows for the division of a sizable partition into two partitions, by establishing a new partition without impacting the data on the initial parittion. It is compatible solely with NTFS, FAT12, FAT16, and FAT32 partitions.

EaseUS Partition Master Prof			
<ul> <li>EaseUS Partition Master Prof</li> <li>Partition Manager</li> <li>Clone</li> <li>Disk Converter</li> <li>Partition Recovery</li> <li>Bootable Media</li> <li>Toolkit</li> </ul>	fessional Edition () Pro         My Disks         Bisk 0 (KINGSTON SUV400537120G)         111.79 GB Basic, MBR         :	<ul> <li>Drive (E)</li> <li>Clone</li> <li>Resize/Move</li> <li>Format</li> <li>Delete</li> <li>Wipe</li> <li>Merge</li> <li>Split</li> </ul>	
	Properties       E:       Sufface Test         Drive Letter       E:       Sufface Test         Size       282.27 GB free of 300.98       Explore         Bytes/Sector       512 Bytes       Explore         Bytes/Cluster       4 KB       Details	0 0 Split More ▼	

To split a partition:

1. Select a partition and click **Split Partition** from the Feature List.

2. Resize the size of the two split partitions if you need.

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

### Tips:

• The splitting of partitions is a functionality exclusively available for basic disks through the use of EaseUS Partition Master. Dynamic volumes cannot be split using this tool.

• Only non-hidden partitions can be subjected to **Split** operation.

◆ Before splitting partitions, ensure that the unused space of the operating partitions is more than 5% of the total partition space

Clone

Clone creates exact copy for the disk, partition or system.

### **Disk Clone**

**Disk clone** involves copying all data (including the operating system and program) from one hard disk to another. To ensure a seamless and successful cloning, it is important to verify that the capacity of the target disk is larger than the used space of the source disk.



5 EaseUS Partition Mast	er Professional Edition 🔍 Pro	e 4	•   - • ×
<ul><li>Discovery</li><li>Partition Manager</li></ul>	Clone Disk Select a source disk you want to clone from	[	•
<ul><li>Disk Clone</li><li>Disk Converter</li></ul>	Disk 0 (Dynamic, 931.51 GB, ST1000DM010-2EP102 )		
Partition Recovery	D:         (NTFS)         E:         (NTFS)           443.23 G8         488.28 G8         488.28 G8		<b>*: (Oth</b> 711.50
<ul> <li>Bootable Media</li> <li>Toolkit</li> </ul>	Disk 1 (Basic, GPT, 111.79 GB, KINGSTON SA400S37120G ) Source • : (FAT 300 MB 16 MB 111.48 GB		
		P.d.	
	Cancel	Васк	Next

Below are the steps for disk clone:

1. Go to the left panel and select the **Clone** option.

2. Determine whether you want to Clone Data disk, or Clone OS disk.

3. Pick both the source and target disks.

4. Verify that you would like to delete the partitions and data on the target disk.

5. Adjust the partition size on the target disk, and then start the clone by clicking **OK**.

6. If other individuals are currently using the data on the target disk, Partition Master will begin the creation of a WinPE bootable disk, and restart your computer in order to continue the cloning process in the WinPE environment. However, if the destination disk is not being used, the cloning process can be completed in the Windows environment.

## Tips:

◆ To ensure that the Windows Operating System is bootable on the target disk, please refrain from starting the computer directly from the target disk after completing the disk copy. Instead, kindly adhere to the following steps:

1). Once the disk copy is done, kindly remove the source disk and turn off your computer.

2). Then, connect the target disk to the same socket where the source disk was connected initially to enable booting from it.

• All partitions and data on the 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 Pro	ofessional Edition (*) Pro	
Partition Manager Clone	Clone	
E Disk Converter		
Partition Recovery	Migrate OS (Microsoft Windows 10 64-bit) Migrate Windows OS, programs from system disk to another disk.	
Toolkit	Clone OS Disk (Microsoft Windows 10 64-bit) Clone all data on the disk containing the Windows OS to another disk.	
	Clone Data Disk Clone data from one disk to another disk.	
	• Clone Partition Clone data from one partition to another partition.	
		Next

To duplicate a partition, follow these steps:

- 1. Click on the **Clone** option located on the left-hand side of the screen.
- 2. Choose the Clone Partition function.
- 3. Select the source partition or volume.
- 4. Choose the unallocated space as the target partition.

5. Adjust the target partition size as desired, then click **OK** to begin the cloning process.

### Tips:

• This feature is not available for partitions that contain the operating system on a GPT disk.

• Dynamic volumes can only be duplicated to unallocated space on a basic disk.

Migrate OS

**Migrate OS** is a user-friendly tool that allows for the seamless transfer of your operating system to a new hard disk drive (HDD) or solid-state drive (SSD). The feature automatically selects the boot and system partitions to guarantee that the target disk can be properly booted following the migration process.



To migrate your operating system, kindly follow these steps:

- 1. Go to the **Clone** feature on the left-hand side and click on **Migrate OS**.
- 2. Select the target disk where you want to migrate the OS.
- 3. Edit the partition size on the target disk as per your requirement.
- 4. Click on **OK** to begin the cloning process.

5. If the data on the destination disk is currently in use, Partition Master will create a WinPE bootable disk and restart your computer to continue the cloning process in the WinPE environment. However, if the destination disk is free, the cloning process can be completed within the Windows environment.

## Tips:

• This feature is not available in WinPE Emergency Disk.

Delete All

It is an easy-click option to delete all partitions on the selected hard drive. However, we kindly advise you to ensure that you do not have any important data stored on this disk before utilizing this feature.

EaseUS Partition Mas	6 • – – ×	
<ul> <li>Partition Manager</li> <li>Clone</li> <li>Disk Converter</li> <li>Partition Recovery</li> <li>Bootable Media</li> <li>Toolkit</li> </ul>	My bisk	<ul> <li>Disk 0</li> <li>Clone/Migrate OS</li> <li>Adjust Disk Layout</li> <li>Delete All</li> <li>Wipe Disk</li> <li>Surface Test</li> <li>Properties</li> </ul>
	Properties         v           Disk         Disk 0         Disk Type         Basic           Size         111.79 GB         Disk Table         MBR           Model         KINGSTON SUV400S3712         Serial Number         500268776902EB58	

To delete all partitions:

1. Choose a hard drive.

2. Select **Delete Al**l option from the feature list.

3. The action will be queued in the pending operation list. Click **Execute Task** when you are prepared to proceed.

Delete Partition

This feature is used to delete the selected partition.

5	EaseUS Partition Master Professional Edition () Pro									5 0 <u>–</u> 0 X
Ŀ	Partition Manager									Drive (F:)
₽	Clone	Disk 0 (KINGS	Disk 0 (KINGSTON SUV400537120G)						ø	Clone
E	Disk Converter	C: (NTFS)							8	Resize/Move
Ç,	Partition Recovery	579 MB	111.22 GB			-	ø	Clone	୍ କ	Format
	Bootable Media	<b>Disk 1</b> (ST1000	DM003-1SB102)				Ξ	Resize/Move	\$	Wipe
Û	Toolkit	D: New Volu	ume(NTFS)	E: New Volume(I	NTFS)	F: New Volu	G T	Format	ø	Merge
		299.39 GB		300.98 GB		316.82 GB	\$	Wipe	0 0	Split
							ø	Merge	м	ore 🔻
							0 0 [12]	Split Extend/Shrink		
							•	Allocate Space		
				Primary	Logical		<b>&gt;</b>	Change Label		
		Properties					Q	Surface Test		
		Drive Letter	F:		Label	N	¢\$	Advanced	>	
		Size Bytes/Sector	141.31 GB free 512 Bytes	of 316.82	File System Type	N Lc	Q	Explore		
		Bytes/Cluster	4 KB				E	Details		

To delete a partition:

1. Select the partition you wish to delete.

2. Click the **Delete** in **Feature List**.

3. The deletion process will be pending until it is applied in the Pending Operation List. When you are ready to proceed, click on **Execute Task**.

## Tips:

• System and boot partition cannot be deleted as this may cause the computer to be unable to boot.

• Once a partition is deleted, you will not be able to access any data that was stored on it, so be sure to back up any important information before deleting a partition.

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.

🔁 EaseUS Partition Master Professional Edition (*) Pro											
Ŀ	Partition Manager	My Di	sks						8≣ ≡ 0		Drive (F:)
	Clone	-	Disk 0 (KINGS	TON SUV400S37120G	)				111.79 GB Basic, MBR	Ø	Clone
E	Disk Converter			C: (NTES)						Ξ	Resize/Move
Ģ	Partition Recovery		эля МВ	111.22 GB						ଜ	Format
-	,							ø	Clone	Û	Delete
	Bootable Media	-	Disk 1 (ST1000	DDM003-1SB102)				≘	Resize/Move	2	Wipe
-	Toolkit							ଜ	Format	-00	Merce
_	IOOKIC	D: New Vo		ume(NTFS) E: New Volum		e(NTFS) F: New Volu		👖 🔂 Delete	Delete	Ĭ	merge
	299.39 GB 300.98 GB						316.62 GB ↓ Wipe	Wipe	0 0	Split	
								ø	Merge	м	ore 🔻
								0 0	Split		
								Ľ	Extend/Shrink		
								٠	Allocate Space		
					Primary	Logical		٩	Change Label		
								Ø	Change Drive Letter		
		Proper	rties					Q	Surface Test		
		Drive l	.etter	F:		Label	N	*	Advanced	>	
		Size		141.31 GB free	of 316.82	File System	N		Evplore		
		Bytes/	Sector	512 Bytes		Туре	L	Q	LAPIOI C		
		Bytes/	Cluster	4 KB				E	Details		

To wipe data:

1. Choose a disk, partition (volume), or unallocated space.

2. Right-click it and Select **Wipe Data**.

3. In the Wipe window, specify the number of times to overwrite the partition with a combination of 0x00 and random digits based on the wipe algorithm.

4. Click **OK** to confirm. All modifications to the disk layout will be saved in the Pending Operation List until applied.

Format

In order to store data on a partition, it must contain one or more specific file systems. Installing a file system onto a partition is known as formatting. This section provides instructions for formatting an existing partition.

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

FAT12 FAT16 FAT32 NTFS ReFS EXT2 EXT2 EXT3 EXT4

EaseUS Partition Master Professional Edition () Pro										
Ŀ	Partition Manager	My Disks						8≣ = C	2	Drive (F:)
₽	Clone	Disk 0 (KINGS	TON SUV400S37120G)					111.79 GB Basic, MBR	6	Clone
	Disk Converter		C: (NTFS)						8	Resize/Move
G	Partition Recovery	579 MB	111.22 GB					-	¢	Format
							0	Clone	ū	Delete
	Bootable Media	Disk 1 (ST100	DM003-1SB102)				Ξ	Resize/Move	٥	Wipe
÷	Toolkit						କ	Format	6	Merge
		D: New Vol 299.39 GB	ume(NTFS) E: N 300.	New Volume( 1.98 GB	NTFS)	F: New Volu 316.82 GB	Û	Delete	nli	- Solit
							•	👲 Wipe		u spire
							æ	Merge	N	fore 🔻
							olo	Split		
							F23	Extend/Shrink		
								Allocate Space		
				<b>D</b>				Change Label		
				Primary	Logical		R	Change Drive Letter		
		Properties					6	Surface Test		
									-	
		Drive Letter	F:	16.02	Label	N	*	Advanced	>	
		Size Bytes/Sector	141.31 GB free of 31	10.82	File System	N	Q	Explore		
		Bytes/Cluster	4 KB		.360			Details		

To format a partition:

- 1. Select a partition.
- 2. Right-click it and select Format.

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/EXT4)

5. Choose the Cluster Size (512 byte,1,2,4...64KB) from the 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:

◆ A smaller cluster size results in less wasted disk space.

• Partition formatting will delete all data on it, including files and folders. Be cautious and take necessary precautions before initiating this operation.

Partition Recovery

Partition Recovery is a user-friendly tool designed to help you recover accidentally deleted or damaged partitions on a hard drive resulting from hardware or software failures.

EaseUS Partition Master Profes	sional Edition () Pro		E	
Partition Manager Clone	Partition Recovery Choose a disk to start searching for	lost partition(s)		
Disk Converter	Disk 0 (Basic, MBR, 111.79 GB, KINGS			
Bootable Media	*з С: (NTFS) 579 мв 111.22 GB			
Toolkit	Disk 1 (Basic, MBR, 931.51 GB, ST100 D: New Volume(NTFS) 299.39 GB	00DM003-158102 ) E: New Volume(NTFS) 300.98 G8	F: New Volume(NTFS) 316.82 GB	<b>G: (FAT</b> 14.32
				New Scan

To run Partition Recovery

- 1. Click **Partition Recovery** on the left side.
- 2. Select a disk from which you lose the partition.
- 3. Click **Scan** to scan the hard drive.
- 4. All lost partitions will be listed after the scanning is finished.
- 5. Select your desired partition and click **Proceed** to recover.

6. The Recovered partition can be seen on your hard disk after the successful recovery.

Bootable Media

This program features a user-friendly wizard that simplifies the process of creating a WinPE Bootable Media on a USB drive, CD, DVD, or ISO file that can be burned to a storage device later on. The built-in interface provides users with the same experience as the Windows version, allowing them to manage their hard drive prior to installing an operating system.

5	EaseUS Partition Master Profe	essional	l Edition 🕖	Pro	ēQ	•	-		$\times$			
0	Discovery	E	Bootabl	e Media								
C	Partition Manager	C	Choose a bootable media type									
Ð	Disk Clone	ſ							ו			
=	Disk Converter		• 🚳									
L.	Partition Recovery		Create a bootable media based on WinPE. After WinPE starts, EaseUS Partition Master will run synchronously.									
	Bootable Media			Enable Partition Master PreOS								
Û	Toolkit		Add an option to start WinPE in the boot menu of this computer.									
			0 ISO	Burn ISO Download/burn ISO to USB drive/CD Disc								
							Next					

The paid edition of the software allows you to create a WinPE bootable disk. To create one, follow these steps:

1. Insert a CD/DVD or USB flash drive into your computer first.

2. Click **Bootable Media** on the left side.

3. Three options are available: to create a bootable media, enable Partition Master PreOS or burn ISO.

4. To create a bootable media, please choose the first option, click **Next**. Select whether you want to create a bootable CD/USB, then move to the next step to download the Microsoft WinPE component.

5. If the built-in burning component fails to create a bootable disk, you can export the ISO file and burn it using the third option **Burn ISO**.

After creating the WinPE bootable disk, you will be presented with the main interface, as shown below.

EaseUS Partition Master Wir		
Partition Manager	My Disks B≣ Ξ C	
1 Clone	Disk 0 (VMware Virtual NVMe Disk.)     60 GB Basic, MBR	
Disk Converter	*: (Unallocated)	
Partition Recovery		
💼 Toolkit		
	Unallocated	
	Properties 🔻	
Add Driver		

If your RAID drive or hard disk cannot be recognized by the WinPE bootable disk, it is recommended that you click on **Add Driver** to manually add the appropriate hardware driver.

## Feature comparison in a different environment

The detailed comparison between WinPE bootable disk and Windows environment:

	WinPE	Windows
	bootable disk	environment
Resize/move partition	V	Ń
Resize dynamic volume	V	Ń
Create partition	V	Ń
Format partition	V	Ń
Delete partition	V	Ń
Merge partitions	V	Ń
Wipe	V	Ń
Format system partition	×	×
Resize/move system partition	V	Ń
Clone partition	Ń	Ń
Clone disk	V	Ń
Migrate OS	×	Ń
Copy dynamic volume	V	A.
Delete all partitions	V	Ń
Convert dynamic to basic	×	A.
Defragment	×	Ń
Surface test	V	Ń
Partition recovery	V	Ń
Change drive letter	×	Ń
Convert logical to primary	V	Ń
Convert primary to logical	V	Ń
Convert FAT to NTFS	×	Ń
Command line	V	V
Repair Raid 5 dynamic volume	×	V
Convert MBR to GPT	V	V
Convert GPT to MBR	V	V
Resize EFI partition	V	V
4K alignment	V	Ń

# Convert Operations

This section helps you convert the disk or partition properties with EaseUS Partition Master.

Convert to NTFS

With this feature, you can easily convert a FAT partition to NTFS, which is now the preferred file system for Microsoft's Windows Operating System. NTFS offers significant improvements over FAT.

•	EaseUS Partition Master Professional Edition () Pro									-	$\Box$ $\times$
Ŀ	Partition Manager	My Disks					8≣ ≡	C	늘 Driv	ve (G:)	
	Clone	Disk 0 (KINGS	TON SUV400S37120G)				111.79 GB Basic, MI	BR	🗗 Clor	ne	
E	Disk Converter	*:	C: (NTFS)						\Xi Resi	ze/Move	
<b>A</b> R	Partition Recovery	579 MB	111.22 GB					ø	Clone	nat	
	Bootable Media	<b>Disk 1</b> (ST1000	DM003-1SB102)				931.51 GB Basic, M	≘	Resize/Move		
Û	Toolkit D: New Volume(NTFS) E: New Volume(NTFS) F: New Volume(NTFS) G: (FAT. 299.39 G8 300.98 G8 316.82 G8 14.32					G Ū	Delete				
				Primary	Logical				Merge Split Extend/Shrink Allocate Spac Change Labe Change Drive	e I I Letter	
		Properties				Logical to Prima	агу	Q	Surface Test		
		Drive Letter	G: 14 31 GB free of	14 32 GR	Label Filo System	FAT to NTFS ┥		\$	Advanced		>
		Bytes/Sector	512 Bytes	512 Bytes		Check File Syste	m	C Expl		ixplore Details	

File system conversion steps:

- 1. Select a FAT12/16/32 partition
- 2. Click Advanced > FAT to NTFS

3. The pop-up dialog box will show the original and target file system, click **OK** to proceed.

### Tips:

◆ The source file system should be either FAT12, FAT16, or FAT32 and the partition must not be hidden.

• Ensure that the target partition has at least 3% free space available.

Convert to FAT

With this feature, you have the ability to convert an NTFS partition to FAT32, which can be useful for specific purposes even if it is not the most widely used file system.

ء 🔁	EaseUS Partition Master Prof		
<b>(</b> P	Partition Manager	My Disks BE = C	👕 Drive (D:)
	Partition Manager Clone Disk Converter Partition Recovery Bootable Media Bootable Media	My Disks         BE         C           Image: Disk 0 (KINGSTON SUV400537120G)         111.79 GB Basic, MBR           '         C: (NTFS)           579 MB         111.22 GB           Image: Disk 1 (ST1000         Resize/Move           G: Clone         931.51 GB Basic, MBR           Image: Disk 1 (ST1000         Resize/Move           Image: Disk 1 (ST1000         Image: Disk 1 (ST1000           Image: Disk 1 (ST1000         Image: Disk 1 (ST1000           Image: Disk 1 (ST1000<	<ul> <li>Drive (D:)</li> <li>Clone</li> <li>Resize/Move</li> <li>Format</li> <li>Delete</li> <li>Wipe</li> <li>Merge</li> <li>Split</li> <li>Extend/Shrink</li> <li>Allocate Space</li> <li>Change Label</li> <li>Change Drive Letter</li> </ul>
		Properties	Surface Test  L L Logical to Primary  L NTFS to FAT  d Change Cluster Size  C Check File System

File system conversion steps:

- 1. Select an NTFS partition
- 2. Click Advanced > NTFS to FAT

3. The pop-up dialog box will show the original and target file system, click **OK** to proceed.

# Tips:

◆ The source file system should be NTFS and the partition must not be hidden.

- ◆ Make sure the target partition has at least 3% free space available.
- The file encrypted in NTFS may not be available in FAT32.
- Only primary data stream files will be kept in FAT32.
- Symbolic links and Junctions won't be reserved.
- Files in Recycle Bin won't be reserved.

◆ The FAT file system doesn't support files large than 4GB, please remove the large files to another partition before converting it.

Convert Primary to Logical

An MBR disk can have a maximum of four primary partitions, or up to three primary partitions along with an unlimited number of logical partitions. If you want to create a fifth partition on a disk that already has four primary partitions, you will need to convert one of the primary partitions to a logical partition.

EaseUS Partition Master Prof	EaseUS Partition Master Professional Edition () Pro								
Partition Manager	My Disks			BEEC	늘 Drive (G:)				
土 Clone	Disk 0 (KINGSTON SUV400537120	G)		111.79 GB Basic, MBR	Clone				
E Disk Converter	*: C: (NTFS)				E Resize/Move				
Partition Recovery	579 MB 111.22 GB			🕤 Clor	ne Format				
Bootable Media	<b>Disk 1</b> (ST1000DM003-1SB102)		9	931.51 GB Basic 😑 Resi	ze/Move				
Toolkit	D: New Volume(NTFS) 299.39 GB	E: New Volume(NTFS) 300.98 GB	F: New Volume(NTFS) 316.82 GB	G: (F, T Dele	nat ete				
				🛃 Wip	ge				
				0 Split	: nd/Shrink				
				<ul> <li>Allo</li> </ul>	cate Space				
		Primary Logical	Primary to Logical	S Cha	nge Label				
	Properties		FAT to NTFS	Surf	ace Test				
	Drive Letter G:	Label	Check File System	🛫 Adv	anced >				
	Size 14.31 GB free Bytes/Sector 512 Bytes	of 14.32 GB File System Type	G Set Active	C Expl	ore				
	Active No		🙋 Hide	E Det	ails				

To convert a primary partition to logical:

1. Right-click the primary partition that you want to convert and choose **Primary to Logical**.

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

# Tips:

◆ You cannot convert the boot or system partition to a logical partition as this may cause bootable issues for the computer.

◆ The size of the converted partition may differ slightly from the original primary partition due to the need to store additional 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 **Logical to Primary**.

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

## Tips:

◆ An MBR disk is limited to a maximum of four primary partitions or up to three primary partitions with additional logical partitions.

◆ If the disk contains multiple logical partitions, you can only convert a logical partition to a primary partition if there are two or fewer primary partitions on the disk.

## Convert Dynamic Disk to Basic

This feature enables you to convert a dynamic disk that contains simple volumes or mirrored volumes into a basic disk while preserving its content.

5	EaseUS Partition Master Profess	ional Edition () Pro	F -	_	$\times$
C	Partition Manager Clone	Disk Converter Choose your disk conversion operation			
E	Disk Converter				
¢	Partition Recovery Bootable Media	Convert MBR to GPT     GPT allows an almost unlimited number of partitions.     Windows 11 explicitly requires a GPT partition style.			
ũ	Toolkit	Convert GPT to MBR     MBR is a traditional partition style.     It is applicable for the old computer.			
				]	
				Next	

To convert a dynamic disk to basic:

1. Click **Disk Converter** on the left side.

2. Choose the third option **Convert Dynamic to Basic**, then select the disk you want to convert to continue.

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

If there is not 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.

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 volumes, 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 are not supported.

◆ To convert a dynamic disk containing mirrored volumes to a basic disk, please break the mirrored volumes before converting.

◆ It is forbidden to convert a GPT drive if any volume on it is labeled as **Boot** or **System** in **Disk Management**.

• We recommend you back up the disk before any operation!

Convert MBR to GPT

This feature allows you to convert an MBR disk to a GPT disk without losing any data. MBR disks can only utilize a maximum of 2TB of space on a hard drive. Converting an MBR drive to GPT can easily overcome this limitation.



To convert an MBR disk to GPT:

1. Click **Disk Converter** on the left side.

2. Choose the first option **Convert MBR to GPT**, then select the disk you want to convert and continue.

Tips:

• This feature cannot be applied to dynamic disks. However, you can convert a dynamic disk to basic before converting it to GPT.

◆ A system GPT disk can only be booted from UEFI mode. Therefore, before converting the disk to GPT, ensure that your operating system and motherboard support booting from UEFI mode.

Convert GPT to MBR

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



To convert the GPT disk to MBR:

1. Click **Disk Converter** on the left side.

2. Choose the second option **Convert GPT to MBR**, then select the disk you want to convert and continue.

## Tips:

◆ This feature is not applicable for dynamic disks, but you can convert a dynamic disk to basic before converting it to MBR.

◆ If the disk you want to convert is the system disk, ensure that your motherboard supports booting from BIOS mode.

# Other Operations

There are numerous beneficial features available for verifying the status of a disk or partition.

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 Task** when you are ready to proceed.

Rebuild MBR

Once the MBR (Master Boot Record) of the disk is damaged, the 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 Task when you are ready to proceed.

Set Active

To boot a system with multiple primary partitions on an MBR disk, one partition must be designated as the boot partition and set as active. Generally, only one partition can be active at a time on a disk. It is recommended that the active partition be a 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 Task** when you are ready to proceed.

### Tips:

• Ensure that the partition you set as active is properly formatted and has an operating system installed on it. Otherwise, your computer will not be able to boot from that partition.

◆ If there is already an active partition on the disk and you set another partition as active, the previous active partition will be unset automatically. This can potentially cause problems with booting up your computer.

## Initialize Disk

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

1. Select the unused/blank disk.

2. Right-click the disk and select Initialize to MBR/GPT.

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

### Tips:

◆ This feature can only process disks without any partitions. GPT partition mode is compatible with all 64-bit Windows operating systems and can be applied to disks larger than 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 creating a batch file.

#### How to start

To use our product in the 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:



Click "Enter" button to run the command

Method 2:

🚱 🔍 🖉 « system 🕨 Prcgram Files (x86) 🕨 EaseUS 🕨 EaseUS Partition Master 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>"C:\Program Files\EaseUS\EaseUS Partition Master 10.0.0\bin\ep mConsole.exe"									
EaseUS Partition Master command line tool. version: 10.0.0									
Find "epmConsole.exe" in the installation directory of our product,									

directly drag it into the CMD window and then click "Enter" to run.

#### 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:

C:\I	C:\Program Files\EaseUS\EaseUS Partition Master 10.0.0\bin>epmConsole.exe list -d1										
Dis ID 0 1 2 3 4	Letter D: NEW V * E: F: NEW V J:	Basic), OLUME OLUME	Sector coun FAT32 Unallocated NTFS NTFS NTFS	t: 2663342 Capacity 3.91 GB 15.62 GB 19.53 GB 188.23 MB 87.75 GB	240, C: 16 96.86 MB 0 Bytes 609.00 MB 107.10 MB 92.50 MB	3.82 GB 15.62 GB 18.93 GB 81.13 MB 87.66 GB	, S: 63 Status None None None None None	Primary Logical Logical Logical Logical Logical	Start(MB) 1 4008 20001 39997 40186		
0pe1	ation com	pleted	successfully								
C:\Program Files\EaseUS\EaseUS Partition Master 10.0.0\biŋ>epmConsole.exe create −d1 -s4008 -z100 -fntfs -t=lo gical											
0pe1	ation com	pleted	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:

C:\Program Files\EaseUS\EaseUS\EaseUS Partition Master 10.0.0\bin>epmConsole.exe listdisk=1								
DiskID:1(MBR Basic) ID Letter 0 D: NEW VOLUME 1 * 2 E: 3 F: NEW VOLUME 4 J:	, Sector cour Type FAT32 Unallocated NTFS NTFS NTFS	t: 2663342 Capacity 3.91 GB 15.62 GB 19.53 GB 188.23 MB 87.75 GB	40, C: 165 Used 96.86 MB 0 Bytes 609.00 MB 107.10 MB 92.50 MB	578, H: 255 Unused 3.82 GB 15.62 GB 18.93 GB 81.13 MB 87.66 GB	5, S: 63 Status None None None None None None	Primary Logical Logical Logical Logical Logical	Start(MB) 4008 20001 39997 40186	
Operation completed successfully.								
C:\Program Files\EaseUS\EaseUS\EaseUS Partition Master 10.0.0\bin>epmConsole.exe createdisk=1start=4008size= 100fs=ntfstype=logical Operation completed successfully.								
C:\Program Files\EaseUS\EaseUS Partition Master 10.0.0\bin>								

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

EaseUS Partition Master includes a 4K alignment function to optimize the performance of SSDs by aligning the 4K sectors. This feature can be found in the **Toolkit**.



Change Label/Drive Letter

To change the partition label:

- 1. Select a partition, Click **Change label** in the 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 Task** when you are ready to proceed.

To change the drive letter:

- 1. Select a disk and a partition.
- 2. Click 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 Task** when you are ready to proceed.

## Tips:

◆ After creating a new partition, EaseUS Partition Master will display the updated partition structure in a graphical format within the main window.

• The Change drive letter function is available only in the Windows environment.

Change Cluster Size

To change Cluster Size:

1. Select a partition, Click Change Cluster Size in the 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 Task** when you are ready to proceed.

Check File System

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

1. Select a partition.

2. Choose Advanced ->-Check File System.

3. In the **Check File System** 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 Advanced ->-Hide.

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

### Tips:

◆ To reveal a hidden partition, follow the same steps as before but select **Unhide partition** instead of Hide partition in step 2.

## Explore Partition

This feature is used to browse a partition of the FAT/NTFS/ReFS/EXT2/EXT3/EXT4 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/EXT4 partition.

2. Click **More > Explore**.

Properties

Please find the disk/partition property in the **Properties list**.

Surface Test

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

To run Surface Test:

1. Right-click the disk that you want to check, and then click **Surface test** or select in the main menu **Disk** > **Surface test**.

2. The operation will be immediately performed.

BitLocker

EaseUS Partition Master offers support for BitLocker partitions, allowing you to perform operations such as resizing, moving, copying, and more. If a BitLocker partition is locked, its status will be displayed in the software, and clicking the **Unlock** button will prompt you to enter a password to unlock it.

2	EaseUS Partition Master Profe	Ε								
Ŀ	Partition Manager	My Dis	sks					B≣ ≡ C	1	Drive (G:)
۵	Clone	-	Disk 0 (KINGS	TON SUV400S37120G	)			111.79 GB Basic, MBR	Ø	Clone
	Disk Converter		*:	C: (NTFS)						Resize/Move Delete
<b>L</b>	Partition Recovery		575100	111.22 00					₫	Wipe
	Bootable Media	-	Disk 1 (ST1000	DM003-1SB102)				This drive is locked with	BitLock	nge Drive Letter
Û	Toolkit	D: New Volume(NTFS) 299.39 GB		ume(NTFS)	E: New Volume(NTFS) 300.98 GB		F: New Volume(NTFS) 316.82 GB	G: (F ▮ 14.32	ace Test     Check File System     Set Active	ace Test Check File System
									8	Hide
									Q.	Explore
					Primary	Logical				
		Proper	ties					•		
		Drive L	etter	G:		Size	0 KB free of 1	14.32 GB		
		Bytes/S	sector	512 Bytes		Active	No			

# BitLocker (G:)

Enter password to unlock this drive.

•••••	<u>م</u>
More options	
	Unlock

In most cases, a partition can be operated normally once it has been unlocked. However, if the partition is still impacted by BitLocker even when it's unlocked, you will need to turn off BitLocker completely to finish any operations.

Turn off BitLocker		0	×				
BitLocker Drive Encryption on the drive [G·] will be turned off to continue. Do you want to continue?							
After BitLocker Drive Encryption is turned off, you can turn on it manually if needed.							
	Continue	Can	icel				

Once you have completed the necessary operations, you can manually turn BitLocker back on if necessary.

# Feedback and Technical Support

We welcome your feedback on your experience using EaseUS Partition Master, and we are happy to answer any questions you may have. Please don't hesitate to contact us at **techsupport@easeus.com**. We also offer an online **Chat** service, which can be accessed on our official website, **www.easeus.com**.