

## TestDisk

```
C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk_win.exe
TestDisk 7.3-WIP, Data Recovery Utility, April 2025
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org

TestDisk is free data recovery software designed to help recover lost
partitions and/or make non-booting disks bootable again when these symptoms
are caused by faulty software, certain types of viruses or human error.
It can also be used to repair some filesystem errors.

Information gathered during TestDisk use can be recorded for later
review. If you choose to create the text file, testdisk.log , it
will contain TestDisk options, technical information and various
outputs; including any folder/file names TestDisk was used to find and
list onscreen.

Use arrow keys to select, then press Enter key:
>[ Create ] Create a new log file
[ Append ] Append information to log file
[ No Log ] Don't record anything
```

```
C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk_win.exe
https://www.cgsecurity.org

TestDisk is free software, and
comes with ABSOLUTELY NO WARRANTY.

Select a media and choose 'Proceed' using arrow keys:
>Disk \\.PhysicalDrive0 - 512 GB / 476 GiB - NVMe SOLIDIGM SSDPFKNU512GZH

>[Proceed] [ Quit ]

Note: Serial number 0000_0000_0100_0000_B7D6_C809_7417_0F00.
Disk capacity must be correctly detected for a successful recovery.
If a disk listed above has an incorrect size, check HD jumper settings and BIOS
detection, and install the latest OS patches and disk drivers.
```

<https://www.cgsecurity.org>

Disk \\.\PhysicalDrive0 - 512 GB / 476 GiB - NVMe SOLIDIGM SSDPFKNU512GZH

Please select the partition table type, press Enter when done.

```
[Intel  ] Intel/PC partition
>[EFI GPT] EFI GPT partition map (Mac i386, some x86_64...)
[Humax  ] Humax partition table
[Mac    ] Apple partition map (legacy)
[None   ] Non partitioned media
[Sun    ] Sun Solaris partition
[XBox   ] Xbox partition
[Return ] Return to disk selection_
```

Hint: **EFI GPT** partition table type has been detected.

Note: Do NOT select 'None' for media with only a single partition. It's very rare for a disk to be 'Non-partitioned'.

 C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk\_win.exe

<https://www.cgsecurity.org>

Disk \\.\PhysicalDrive0 - 512 GB / 476 GiB - NVMe SOLIDIGM SSDPFKNU512GZH  
CHS 62260 255 63 - sector size=512

```
>[ Analyse ] Analyse current partition structure and search for lost partitions
[ Advanced ] Filesystem Utils
[ Geometry ] Change disk geometry
[ Options  ] Modify options
[ Quit     ] Return to disk selection
```

Note: Correct disk geometry is required for a successful recovery. 'Analyse' process may give some warnings if it thinks the logical geometry is mismatched.

C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk\_win.exe

<https://www.cgsecurity.org>

Disk \\.\PhysicalDrive0 - 512 GB / 476 GiB - CHS 62260 255 63

Current partition structure:

Partition	Start	End	Size in sectors
1 P EFI System	2048	534527	532480 [EFI system partition]
No FAT, NTFS, ext2, JFS, Reiser, cramfs or XFS marker			
2 P MS Reserved	534528	567295	32768 [Microsoft reserved partition]
2 P MS Reserved	534528	567295	32768 [Microsoft reserved partition]
3 P MS Data	567296	420071423	419504128 [Basic data partition] [Windows]
4 P Windows Recovery Env	420071424	421838847	1767424
5 P MS Data	421840896	998914047	577073152 [Basic data partition] [New Volume]
6 P Windows Recovery Env	998916096	1000202239	1286144 [Basic data partition]

P=Primary D=Deleted

>[Quick Search] [ Backup ]

Try to locate partition

```
C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk_win.exe
TestDisk 7.3-WIP, Data Recovery Utility, April 2025
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org

Disk \\.\PhysicalDrive0 - 512 GB / 476 GiB - CHS 62260 255 63
Analyse cylinder 54510/62259: 87%_

EFI System          2048      534527      532480 [EFI System Partition] [SYSTEM]
MS Data             567296  420071423  419504128 [Windows]
MS Data             418304001 420071424    1767424
MS Data             420071424 421838847    1767424
MS Data             567296  421840895  421273600 [Windows]
MS Data             421840895  843114494  421273600

[ Stop ]
```

```
C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk_win.exe
TestDisk 7.3-WIP, Data Recovery Utility, April 2025
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org

Disk \\.\PhysicalDrive0 - 512 GB / 476 GiB - CHS 62260 255 63

The hard disk (512 GB / 476 GiB) seems too small! (< 1022 GB / 952 GiB)
Check the hard disk size: HD jumper settings, BIOS detection...

The following partitions can't be recovered:
  Partition          Start      End      Size in sectors
> MS Data           998914047 1575987198 577073152
  MS Data           998916095 1997264894 998348800
  MS Data           1000214527 1001512958  1298432_

[ Continue ]
NTFS, blocksize=4096, 295 GB / 275 GiB
```

C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk\_win.exe

TestDisk 7.3-WIP, Data Recovery Utility, April 2025

Christophe GRENIER <grenier@cgsecurity.org>

<https://www.cgsecurity.org>

Disk \\.\PhysicalDrive0 - 512 GB / 476 GiB - CHS 62260 255 63

Partition	Start	End	Size in sectors	
>P EFI System	2048	534527	532480	[EFI System Partition] [SYSTEM]
D MS Data	567296	420071423	419504128	[Windows]
D MS Data	567296	421840895	421273600	[Windows]
D MS Data	567296	998916095	998348800	[Windows]
D MS Data	418304001	420071424	1767424	
D MS Data	420071424	421838847	1767424	
D MS Data	421840895	843114494	421273600	
D MS Data	421840896	998914047	577073152	[New Volume]
D MS Data	997629953	998916096	1286144	
D MS Data	998916096	1000202239	1286144	[Windows RE tools]
D MS Data	998916096	1000214527	1298432	[Windows RE tools]

Structure: Ok. Use Up/Down Arrow keys to select partition.

Use Left/Right Arrow keys to CHANGE partition characteristics:

P=Primary D=Deleted

Keys A: add partition, L: load backup, T: change type, P: list files,

Enter: to continue

FAT32, blocksize=4096, 272 MB / 260 MiB

C:\Users\Abinaya\Downloads\testdisk-7.3-WIP.win64\testdisk-7.3-WIP\testdisk\_win.exe

TestDisk 7.3-WIP, Data Recovery Utility, April 2025

Christophe GRENIER <grenier@cgsecurity.org>

<https://www.cgsecurity.org>

Disk \\.\PhysicalDrive0 - 512 GB / 476 GiB - CHS 62260 255 63

Partition	Start	End	Size in sectors
1 P EFI System	2048	534527	532480 [EFI System Partition] [SYSTEM]