



python



PowerShell

FPDF Library  
PDF generator

*Full credit is given to the above companies including the OS that this PDF file was generated!*

### **PowerShell Get-Help on command 'Clear-Disk'**

**PS C:\Users\wahid> Get-Help Clear-Disk**

#### NAME

Clear-Disk

#### SYNOPSIS

Cleans a disk by removing all partition information and un-initializing it, erasing all data on the disk.

#### SYNTAX

```
Clear-Disk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-FriendlyName  
<String[]>] [-PassThru] [-RemoveData] [-RemoveOEM] [-ThrottleLimit <Int32>]  
[-WhatIf] [<CommonParameters>]
```

```
Clear-Disk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject  
<CimInstance[]> [-PassThru] [-RemoveData] [-RemoveOEM] [-ThrottleLimit  
<Int32>] [-WhatIf] [<CommonParameters>]
```

```
Clear-Disk [-Number] <UInt32[]> [-AsJob] [-CimSession <CimSession[]>]  
[-Confirm] [-PassThru] [-RemoveData] [-RemoveOEM] [-ThrottleLimit <Int32>]  
[-WhatIf] [<CommonParameters>]
```

Clear-Disk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] -Path <String[]> [-RemoveData] [-RemoveOEM] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Clear-Disk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-RemoveData] [-RemoveOEM] [-ThrottleLimit <Int32>] -UniqueId <String[]> [-WhatIf] [<CommonParameters>]

## DESCRIPTION

The Clear-Disk cmdlet clears the disk by removing the partition and volume information.

If the disk contains active data volumes, then the RemoveData parameter is required as this will delete all data from the specified disk. This cmdlet will not clear OEM recovery partitions unless RemoveOEM parameter is also specified.

## PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a New-CimSession (<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or [Get-CimSession](<https://go.microsoft.com/fwlink/p/?LinkId=227966>)cmdlet. The default is the current session on the local computer.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-FriendlyName <String[]>

Specifies a friendly name of the disk to clear.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-Number <UInt32[]>

Specifies the disk number of the disk on which to perform the clear operation. For a list of available disks, see the Get-Disk cmdlet.

-PassThru [<SwitchParameter>]

Specifies that the cmdlet should output an object representing a disk. By default, this cmdlet does not generate any output.

-Path <String[]>

Specifies the path of the disk to clear.

-RemoveData [<SwitchParameter>]

Enables the removal of all of the data on the disk.

-RemoveOEM [<SwitchParameter>]

Enables the removal of any OEM recovery partitions from the disk.

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

-UniqueId <String[]>

Specifies the UniqueID of the disk to clear.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about\\_CommonParameters](https://go.microsoft.com/fwlink/?LinkID=113216) (<https://go.microsoft.com/fwlink/?LinkID=113216>).

----- Example 1: Clear a blank disk -----

```
PS C:\> Clear-Disk -Number 1
```

This example clears disk number one only if it does not contain both data or OEM partitions.

----- Example 2: Clear a disk with data partitions -----

```
PS C:\> Clear-Disk -Number 1 -RemoveData
```

This example clears the disk if it has data partitions, but not if it also has OEM partitions.

----- Example 3: Clear a disk with data and OEM partitions -----

```
PS C:\> Clear-Disk -Number 1 -RemoveData -RemoveOEM
```

This example clears the disk regardless of whether it contains data or OEM partitions.

## REMARKS

To see the examples, type: "get-help Clear-Disk -examples".

For more information, type: "get-help Clear-Disk -detailed".

For technical information, type: "get-help Clear-Disk -full".

For online help, type: "get-help Clear-Disk -online"