



Full credit is given to all the above companies including the Operating System that this PDF file was generated!

Windows PowerShell Get-Help on Cmdlet 'Get-PartitionSupportedSize'

PS:\>Get-HELP Get-PartitionSupportedSize -Full

NAME

Get-PartitionSupportedSize

SYNOPSIS

Returns information on supported partition sizes for the specified Disk object.

SYNTAX

```
Get-PartitionSupportedSize [-AsJob] [-CimSession <CimSession[]>] -DiskId <String[]> [-Offset <UInt64[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-PartitionSupportedSize [-DiskNumber] <UInt32[]> [[-PartitionNumber] <UInt32[]>] [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-PartitionSupportedSize [-AsJob] [-CimSession <CimSession[]>] -DriveLetter <Char[]> [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-PartitionSupportedSize [-AsJob] [-CimSession <CimSession[]>] -InputObject <CimInstance[]> [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-PartitionSupportedSize cmdlet returns information on supported partition sizes for the specified Disk object.

PARAMETERS

-AsJob [<SwitchParameter>]

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

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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/?LinkId=227967>) or

[Get-CimSession] (<https://go.microsoft.com/fwlink/?LinkId=227966>) cmdlet. The default is the current session

on the local computer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DiskId <String[]>

Specifies an ID used to identify a disk in the system.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DiskNumber <UInt32[]>

Specifies an array of disk numbers. These represent the disks for which to get partitions.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DriveLetter <Char[]>

Specifies a letter used to identify a drive or volume in the system.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-InputObject <CimInstance[]>

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

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Offset <UInt64[]>

Specifies the starting offset, in bytes.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-PartitionNumber <UInt32[]>

Specifies the number of the partition.

Required? false
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-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.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

<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>).

INPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_Partition

You can pipe a Partition object to the InputObject parameter.

OUTPUTS

System.UInt64

NOTES

* When used in Failover Cluster, cmdlets from the Storage module operate on cluster level (all servers in the cluster).

* This cmdlet starts the "Optimize Drive" (`defragsvc`) service. This could lead to longer execution time on larger fragmented drives.

----- Example 1 -----

```
PS C:\>Get-PartitionSupportedSize -DiskNumber 3 -PartitionNumber 2
```

SizeMin	SizeMax
---------	---------

-----	-----
-------	-------

This command will show the minimum and maximum size of the partition (SizeMin and SizeMax).

RELATED LINKS

	Online	Version:
https://learn.microsoft.com/powershell/module/storage/get-partitionsupportedsize?view=windowsserver2022-ps&wt.mc_id=p-s-gethelp		

