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# GET-POINTINGDEVICE

23/10/2018 by [STEPHANOS](#) — [LEAVE A COMMENT](#)

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## Description

Get-PointingDevice will provide you the information about an input device used to point to and select regions on the display of a computer system running Windows.

Output includes any device used to manipulate a pointer, or point to the display on a computer system running Windows

**Note:** You need to install SysInfo module in order for this cmdlet to be available. For more information, see [PowerShell Module SysInfo](#).

Syntax:

### Get-PointingDevice

```
[[ -ComputerName] <String[]>]
[[ -Protocol] <String>]
[[ -Properties] <String[]>]
[<CommonParameters>]
```

## Requirements

- SysInfo PowerShell Module
- WinRM Enabled and PowerShell 3.0 (only if you use WinRM protocol)

If you want to find more about the specific cmdlet while you are in PowerShell you can use the below to get the help file.

Code:

### Get-Help Get-PointingDevice

Output:

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```
PS C:\Windows> Get-Help Get-PointingDevice

NAME
    Get-PointingDevice

SYNOPSIS
    Gets the information about an input device used to point to and
    select regions on the display of a computer system running Windows.

SYNTAX
    Get-PointingDevice [[-ComputerName] <String[]>] [[-Protocol] <String>] [[-Properties] <String[]>] [<CommonParameters>]

DESCRIPTION
    Gets the information about an input device used to point to and
    select regions on the display of a computer system running Windows
    and converts all codes in results into human readable format.
    Output includes any device used to manipulate a pointer, or point
    to the display on a computer system running Windows

RELATED LINKS
    https://www.sconstantinou.com/get-pointingdevice

REMARKS
    To see the examples, type: "get-help Get-PointingDevice -examples".
    For more information, type: "get-help Get-PointingDevice -detailed".
    For technical information, type: "get-help Get-PointingDevice -full".
    For online help, type: "get-help Get-PointingDevice -online"
```

Now lets see few examples about **Get-PointingDevice**.

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## Examples

### Example 1

This command gets the information from local system.

```
PS C:\> Get-PointingDevice
```

```
Name           : HID-compliant mouse
Status          : OK
PointingType    : Unknown
DeviceInterface : USB
HardwareType    : HID-compliant mouse
```

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```
Name           : HID-compliant mouse
Status          : OK
PointingType    : Unknown
DeviceInterface : USB
HardwareType    : HID-compliant mouse
Manufacturer    : Microsoft
SystemName     : LOCALPC
```

```
Name           : USB Input Device
Status          : OK
PointingType    : Unknown
DeviceInterface : USB
HardwareType    : USB Input Device
Manufacturer    : (Standard system devices)
SystemName     : LOCALPC
```

## Example 2

This command gets the information from Server1.

```
PS C:\> Get-PointingDevice -ComputerName Server1
```

## Example 3

This command gets the information from remote system with IP 192.168.0.5.

```
PS C:\> Get-PointingDevice -ComputerName "192.168.0.5"
```

## Example 4

This command gets the information from Server1, Server2 and Server3.

```
PS C:\> Get-PhysicalMemoryArray -ComputerName Server1,Server2,Server3
```

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This command gets the information from Server1 and will output only Name and Status Properties.

```
PS C:\> Get-PhysicalMemoryArray -ComputerName Server1 -Propert
```

### Example 6

This command gets the information from Server1 and will output all properties.

```
PS C:\> Get-PhysicalMemoryArray -ComputerName Server1 -Propert
```

### Example 7

This command gets the information from Server1.

```
PS C:\> "Server1" | Get-PhysicalMemoryArray
```

### Example 8

This command gets the information from Server1 using DCOM protocol.

```
PS C:\> Get-PhysicalMemoryArray -ComputerName Server1 -Protoco
```

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## Optional Parameters

- **-ComputerName**
  - Description: Specifies the computer names or IP Addresses of the systems that we want to get the information from.
  - Required: False
  - Position: 1

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- **-Protocol**
  - Description: Specifies the protocol that will be used to get the information from the remote system.
  - Accepted Values: DCOM or WinRM
  - Required: False
  - Position: 2
  - Default value: None
  - Accept pipeline input: False
  - Accept wildcard characters: False
- **-Properties**
  - Description: Specifies the object properties that appear in the display and the order in which they appear. Wildcards are permitted.
  - Required: False
  - Position: 3
  - Default value
  - Accept pipeline input: False
  - Accept wildcard characters: True

## Inputs

System.Array.

Get-PointingDevice can accept a string value to determine the ComputerName parameter.

## Outputs

System.Object.

Get-PointingDevice returns an object containing all the information that has been retrieved.

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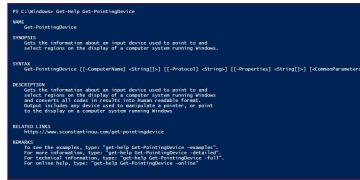
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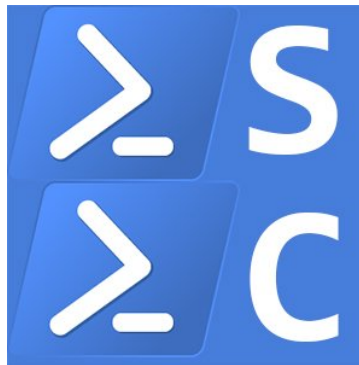
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