# **ASRock** Technical Reference - Q&A

- Q: How to set up Teaming with Intel Ethernet Adapter under Windows10 1809 or later version?
- A: Please refer to the following procedures to set up Teaming with Intel Ethernet Adapter under Windows10:
  - Step1: Access "Device Manager" by searching "Device Manager" at search bar.



Expand "Network Adapters" and right click the Ethernet device to uninstall it.

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After uninstalling the Ethernet device, please cold boot the system (power off and then back on completely).

Step2: Download the latest driver (later than v23.5) from Intel or ASRock official website for your Intel<sup>®</sup> Ethernet Adapter.

Step3: Search "CMD" at search bar and run Command Prompt as administrator.



Unzip the driver package and go to APPS > PROSETDX > Winx64. Copy the root.

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Within the Command prompt, please change the root to APPS > PROSETDX > Winx64 folder by following command:

### CD C:\Users\1\Desktop\24 2\APPS\PROSETDX\Winx64.

Administrator: Comman	d Prompt	
1icrosoft Windows [\ (c) 2019 Microsoft (	version 10.0.18362.30] orporation. All rights reserved.	
C:\Windows\system32	CD C:\Users\1\Desktop\24_2\APPS\PROSETDX\Winx64	

### Step4: Install the driver by entering command:

### DxSetup.exe BD=1 PROSET=1 ANS=1



After the driver installation, please reboot the system.

Step5: Search "PowerShell" at search bar and run the Windows PowerShell as administrator



Enter the command:

Import-Module –Name "C:\Program Files\Intel\Wired Networking\IntelNetCmdlets\IntelNetCmdlets.dll"

It would not show any conformation. Please enter another command then:

#### New-IntelNetTeam



Step6: The system will ask for your Team Member Names. Please go to "Device Manager" > "Network Adapters" to confirm the names of the Ethernet Adapters.



Enter the command:

### Inte(R) Ethernet Connection (7) 1219-V

Inte(R) 1211 Gigabit Network Connection

PS C:\Windows\system3 PS C:\Windows\system3 PS C:\Windows\system3	2≻ 2≻ Import-Module -Name "C:\Program Files\ 2≻ New-IntelNetTeam	Intel\Wired Networking\IntelNetCmdlets\IntelNetCmdlets"
cmdlet New-IntelNetTe Supply values for the	am at command pipeline position 1 following parameters:	
TeamMemberNames[0]: I	ntel(R) I211 Gigabit Network Connection	
TeamMemberNames[1]: I	ntel(R) Ethernet Connection (7) I219-V	
TeamMemberNames[2]:		

If you just want to set up a Team by using two Ethernet adapters, please type "Enter" at "TeamMemberName[2]".

Step7: The system will ask which Team Mode you want. You can refer to the list provided by Intel official website.

<u>https://www.intel.com/content/www/us/en/support/articles/000032008/network-and-io/e</u> <u>thernet-products.html</u> (Here we took the Static Link Aggregation mode for demonstration) Enter the command:

#### **StaticLinkAggregation**



Step8: Enter a friendly Team name:

#### TEAM0

cmdlet New-IntelNetTeam at command pipeline position 1 Supply values for the following parameters: TeamMemberNames[0]: Intel(R) I211 Gigabit Network Connection TeamMemberNames[1]: Intel(R) Ethernet Connection (7) I219-V TeamMemberNames[2]: TeamMemberNames[2]:							
TeamMode: StaticLi TeamName: TEAMØ	hkAggregation						
TeamName : TeamMembers : TeamMode : PrimaryAdapter : SecondaryAdapter :	TEAM% TEAMØ {Intel(R) I211 Gigabit Network Connection, Intel(R) Ethernet Connection (7) I219-V} StaticLinkAggregation NotSet NotSet						

Step9: If you success, find the new Team adapter under Device Manager.



\* If you want to uninstall the Team, please use the following command to uninstall it under Powershell:

Remove-IntelNetTeam



The system will ask you the Team Name, please enter your Team Name and the Team will be uninstalled.

For more details, please visit:

https://www.intel.com/content/www/us/en/support/articles/000032008/network-and-io/e thernet-products.html