

ASRockind Technical Reference - Q&A

Question	The Intel LAN teaming function doesn't work under Windows 10. How do I do?
Release date	2020/5/1
Product	All model
FAQ type	<input type="checkbox"/> Specification <input type="checkbox"/> OS & Driver <input checked="" type="checkbox"/> Application <input type="checkbox"/> BIOS/FW <input type="checkbox"/> Others

Answer:

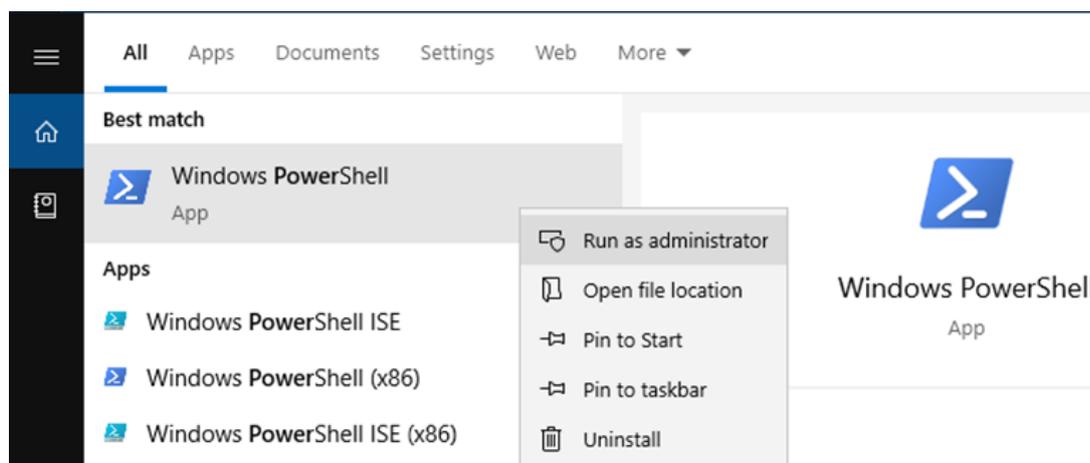
To support Intel LAN teaming function, please confirm your motherboard support 2 Intel LAN controller. Please follow the steps below to setup the Intel LAN teaming function.

1. Please refer to the table below to install the corresponding Intel LAN driver from Intel official website.

<https://downloadcenter.intel.com/download/25016/Ethernet-Intel-Network-Adapter-Driver-for-Windows-10>

Windows Version	LAN driver version
RS1	v22.1 or newer
RS2	v22.3 or newer
RS3	v23.2 or newer
RS4	v23.4 or newer
RS5	v23.5.2 or newer

2. Under OS environment, run Windows PowerShell as administrator.



3. Key in “Get-IntelNetAdapter” to confirm the name of the Intel Ethernet Adapter.

```
Windows PowerShell
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PS C:\Windows\system32> Get-IntelNetAdapter
```

Location	Name	ConnectionName	LinkStatus
0:31:6:0	Intel(R) Ethernet Connection (2) I219-V	Ethernet	1.00 Gbps ...
2:0:0:0	Intel(R) I210 Gigabit Network Connection	Ethernet 2	1.00 Gbps ...

4. Key in “New-IntelNetTeam” to build teaming function.
5. Key in the name of Intel Ethernet Adapter which you would like to build the teaming function in TeamMemberNames.
6. Key in the teaming type you want to build in TeamMode. Here is the list of teaming type.
 - AdapterFaultTolerance
 - IEEE802_3adDynamicLinkAggregation
 - AdaptiveLoadBalancing
 - StaticLinkAggregation
 - SwitchFaultTolerance
 - VirtualMachhineLoadBalancing
7. Key in the name of teaming in TeamName.

```
PS C:\Windows\system32> New-IntelNetTeam ← Step 4.

cmdlet New-IntelNetTeam at command pipeline position 1
Supply values for the following parameters:
TeamMemberNames[0]: Intel(R) Ethernet Connection (2) I219-V ← Step 5.
TeamMemberNames[1]: Intel(R) I210 Gigabit Network Connection
TeamMemberNames[2]:
TeamMode: IEEE802_3adDynamicLinkAggregation ← Step 6.
TeamName: 123 ← Step 7.
```

8. Once you see the information below, teaming process completed.

```
TeamName       : TEAM: 123
TeamMembers    : {Intel(R) Ethernet Connection (2) I219-V, Intel(R) I210 Gigabit Network Connection}
TeamMode       : IEEE802_3adDynamicLinkAggregation
PrimaryAdapter : NotSet
SecondaryAdapter : NotSet
```

If you would like to remove the teaming function, please refer to the following steps.

1. Under OS environment, and run Windows PowerShell as administrator.
2. Key in “Remove-IntelNetTeam”.
3. Key in the name of teaming in TeamName.
4. Once you see the information below, teaming removing process completed.

```
PS C:\Windows\system32> Remove-IntelNetTeam ← Step 2.

cmdlet Remove-IntelNetTeam at command pipeline position 1
Supply values for the following parameters:
TeamName[0]: 123 ← Step 3.
TeamName[1]:
PS C:\Windows\system32>
```