

Advantech AE Technical Share Document

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Category	■FAQ□SOP	Related OS	--
Abstract	How to control PoE output on PCIE-1672V & PCIE-1674V?		
Keyword	PCIE-1672V, PCIE-1674V, PoE feature, PoE output		
Related Product	PCIE-1672V, PCIE-1674V		

■ Problem Description:

If I am using PCIE-1672V and/or PCIE-1674V, how do I disable/enable the PoE feature?

■ Brief Solution - Step by Step:

1. Download the "PoE Control Sample Code for PCIE-1672V/1674V" from [Advantech support portal](#) and run the installer.
2. Once installed, the sample code can be found at "C:\Advantech\PoEPowerControl\Example\"
3. Compile and run the sample program, the PoE feature will be turned off and then back on sequentially for each port on the PCIE-1672V/1674V card.
4. "fpPPCSetPowerState(i, PPC_POWER_OFF)" is the function to set the PoE mode to off.

```
if (fpPPCSetPowerState(i, PPC_POWER_OFF))
{
    printf("Set Port %d to Power Off: Success\r\n", i);
}
```

5. "fpPPCSetPowerState(i, PPC_POWER_AUTO)" is the function to set the PoE mode to auto.

```
if (fpPPCSetPowerState(i, PPC_POWER_AUTO))
{
    printf("Set Port %d to Power Auto: Success\r\n", i);
}
```

6. i = the specified port on the card. For PCIE-1672V, i = 0 ~ 1; for PCIE-1674V, i = 0 ~ 3

■ Reference: