Advantech AE Technical Share Document

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Category	■FAQ □SOP	Related OS	N/A
Abstract	ADAM-61XX-EI_Can PC connect to ADAM-61XX series		
Keyword	ADAM-61XX, Ethernet/IP, SDK, API		
Related Product	ADAM-61XX-EI		

■ **Problem Description:**

Can ADAM-61XX series connect to PC directly?
Do you have the library or SDK to control the I/O status of ADAM-61XX?

■ **Brief Solution - Step by Step:**

The ADAM-61XX series module is designed for extending PLC's IO module.
This kind of protocol use Ethernet interface, but it need specific handle of communication to ensure its real-time communication property which can update I/O state in 1 ms.
With normal network card, it is hard to communication with ADAM-6100EI, a special network interface would be needed for computer to communicate with ADAM-6100EI in EtherNet/IP mode.
Some 3rd party vender may provide EtherNet/IP extend card for computer, they may provide the SDK that you need.
We only provide the I/O which using EtherNet/IP, not the interface to access EtherNet/IP end device.

Here are some third-party Ethernet/IP PC cards for further reference.

https://www.odva.org/tabid/154/ctl/Detail/mid/520/xmid/28820/xmfid/8/Default.aspx
http://www.hilscher.com/products/product-groups/pc-cards/pci/cifx-50-reeis/

User can take the advantages of the driver provided by PC card vendor and import the EDS file for end-device configuration in their program.

http://support.advantech.com.tw/Support/DownloadSRDetail_New.aspx?SR_ID=1-JSEJLW&Doc_Source=Download