PoE-i314

Power-over-Ethernet Interface Card

Quick Installation Guide
Version 1.0

Form Factor	Ethernet Controller	PoE PSE Controller
PCI Express® x4	Intel® Ethernet Controller i210AT	Linear Tech LTC4266C

♦ Technical Support

Do not hesitate to contact our customer service at the following addresses if your problem persists.

https://www.arbor-technology.com
E-mail: info@arbor.com.tw

♦ Declaration of Conformity

FCC Class A
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE

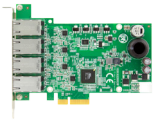
RoHS VERIFIED

Copyright® 2018 All Rights Reserved.

4040031400100P

Packing List

Before starting with the installation, make sure the following items are shipped:

	One PoE-i314 Power-over-Ethernet interface card
	One Driver CD
	One Quick Installation Guide
	One Power Cable

Ordering Information

PoE-i314	4-channel PoE card with power cable

Specifications

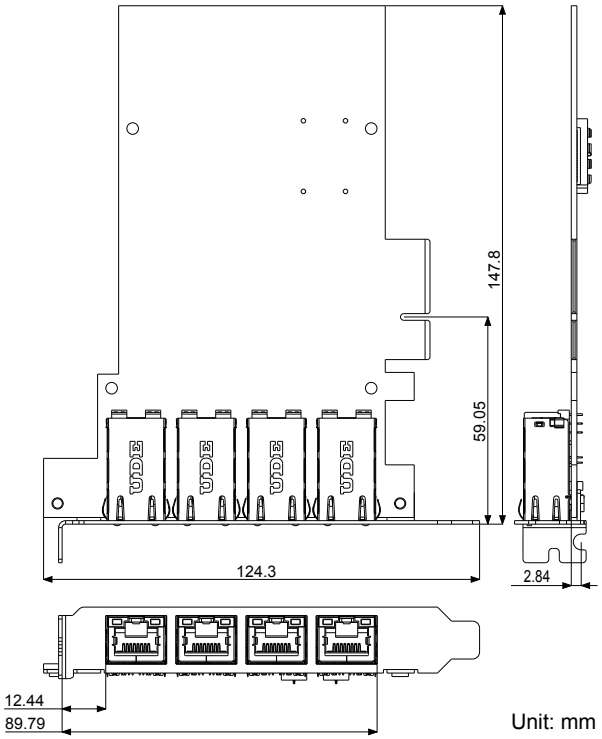
System	
Form Factor	PCI Express® x4
LAN Chipset	4 x Intel® i210AT Ethernet controllers
PCI Express Switch	PLX PEX8608
PSE Controller	LINEAR LTC4266C
Cable Requirement	CAT-5e or CAT-6 cable, maximum 100 meters

Environmental	
Operating Temp.	-20 ~ 70 °C (-4 ~ 158°F)
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	0-95% @ 70°C (non-condensing)
Regulatory & Safety	CE, FCC Class A, RoHS
Surge	± 2KV surge protection
Conformity	CE, FCC Class A, RoHS
Power Requirement	
Power Input	Maximal 5.6A @ 12VDC, directly from 4 pin AT/ATX Power connector
Power Consumption	Max. 65W (w/ 4 x PoE Power load)
PoE Power Output	802.3af compliant
	Powered Device(PD) auto detection
	Power Level Classification: Class 0, 1, 2, 3
	15.4W@48VDC power output(per port)
Mechanical	
Dimensions (W x D)	124.3 x 147.8mm (4.89”x5.82”)
OS Support	
Win 10 IoT	

Drivers on CD

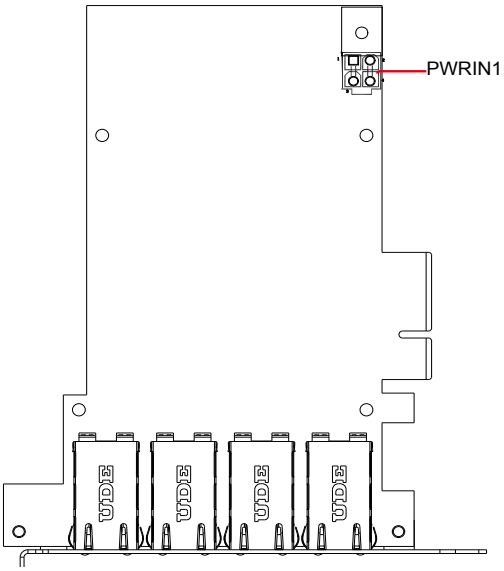
O.S.	Driver Path
Windows 10 IoT	\Intel LAN 22.9\PROWinx64.exe

Dimensions



Unit: mm

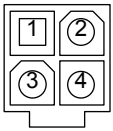
Connector Pin Assignments



PWRIN1

Function: POE power connector

Connector Type: 4-Pin 2.54mm pitch power connector

Pin Assignment:

Pin	Description.
1	GND
2	GND
3	DC IN
4	DC IN