

PoE-i211 / PoE-i214

1-Channel / 4-Channel PCI Express® Power-over-Ethernet Interface Card



PoE-i211



PoE-i214

Features

- PCI Express® x1 compliant
- 1 or 4 independent Gigabit Ethernet ports supported
- IEEE 802.3af for Power over Ethernet supported
- IEEE 1588, PTP technology supported
- Link aggregation/jumbo frames (9 KByte) supported
- Operating temperature: -40°C ~ 85°C (-40°F ~ 185°F)

System

Form Factor	PCI Express® x1
LAN Chipset	One Intel® i210IT Ethernet controller (PoE-i211) Four Intel® i210IT Ethernet controllers (PoE-i214)
PCI Express® Switch	PLX PEX8608 PCI Express® switch (for PoE-i214 only)
PoE PSE Controller	Linear Tech LTC4266C
Cable Requirement	CAT-5e or CAT-6 cable, maximum 100 meters

Environmental

Operating Temp.	-40°C ~ 85°C (-40°F ~ 185°F)
Storage Temp.	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	0%~95% @ 85°C (non-condensing)

Regulatory & Safety

Hipot	1.5KV
Surge	± 2KV surge protection
Conformity	CE, FCC Class A, RoHS

Power Requirement

Power Input	For PoE-i211 (1 x Ethernet port): Maximum 1.6A @ 3.3 VDC from PCI Express bus Maximum 2.8A @ 12 VDC directly from PCI Express bus
	For PoE-i214 (4 x Ethernet ports): Maximal 2.4A @ 3.3VDC from PCI Express bus 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 (802.3AT type 1)
	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 x H)	168 x 111 mm (6.61" x 4.37")
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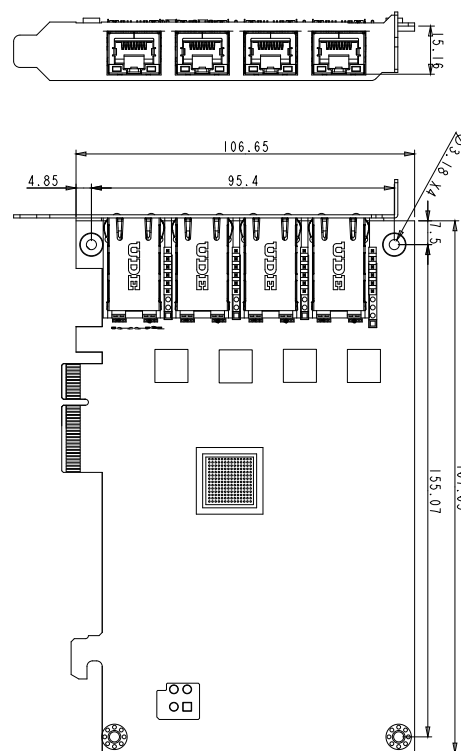
OS Support

XPe / W7 Pro/ WE8 STD / Ubuntu 11.10 above
/ Linux distributions with kernel 3.0 above

Ordering Information

PoE-i211	Single-channel PoE card
PoE-i214	4-channel PoE card with power cable

Dimensions



Unit: mm