



IPCIE-4POE

PCIe Power over Ethernet Card

PCIe PoE 轉接卡

Quick Installation Guide/快速安裝指南

Version 1.02

Features / 產品特色

- Quad-port 1000BASE-T Power over Ethernet (PoE)
支援四埠 1000BASE-T PoE 乙太網路供電
- Intel® I210AT Ethernet controller
Intel® I210AT 乙太網路控制器
- IEEE 802.3af compliant
符合 IEEE 802.3af 規範
- Support link aggregation/jumbo frames (9 kB)
支援鏈路聚合 / 巨型封包(9 kB)

Packing List / 內容清單

- 1 x IPCIE-4POE card / IPCIE-4POE 轉接卡
- 1 x QIG (Quick Installation Guide) / 快速安裝指南

Specifications / 規格

Form Factor	PCI Express x4 Card
Ethernet	Intel® I210AT controller 9kB jumbo frame
Power Input	12V ~ 24V DC input 1 x Internal power connector (2x2 pin) 1 x External power connector (Φ2.1/Φ5.5)
PoE Capability	IEEE 802.3af compliant ; each port up to 15.4 W / 52 V
Operating Temperature	0°C ~ 60°C
Storage Temperature	-10°C ~ 70°C
Operating Humidity	10% ~ 95%, non-condensing
Dimensions (LxW)	145 mm x 96.8 mm

Installation Procedure

WARNING! Disconnect the computer from the power supply to which you will install the IPCIE-4POE, or you risk damaging the system or experiencing electrical shock.

警告！ 安裝前請務必將電腦的電源線拔除，否則可能會造成系統損毀與人身傷害。

1. Turn off the computer that you will install the IPCIE-4POE, and remove the power cord. Then, open the system chassis. 請將要安裝 IPCIE-4POE 的電腦關機並將電源線拔除，再將機殼打開。
2. Locate an empty PCIe x4 slot. Remove the blank bracket panel that aligns with the empty PCIe slot. 選擇一個空的 PCIe x4 插槽，將此插槽對應的金屬檔片從機箱上移除。
3. Align the IPCIE-4POE to the PCIe x4 slot. Press down gently, but firmly, to seat the IPCIE-4POE correctly in the slot. 將 IPCIE-4POE 與主機板上的 PCIe x4 槽孔對齊，小心的將 IPCIE-4POE 往下壓使其穩固的安裝在插槽中。
4. Secure the IPCIE-4POE to the system's chassis with a retention screw. 使用螺絲將 IPCIE-4POE 固定在機箱上。
5. Connect power supply to the external power connector (J1) or the internal power connector (PWR1), both accept 12V ~ 24V DC input. Then, connect external LAN cables between the IPCIE-4POE and the powered devices (PD). 將電源連接到外部電源連接器(J1)或是外部電源連接器(PWR1)，兩者皆支援 12V ~ 24V DC 電源輸入。接著再使用網路線將 IPCIE-4POE 與受電設備(PD)連接。

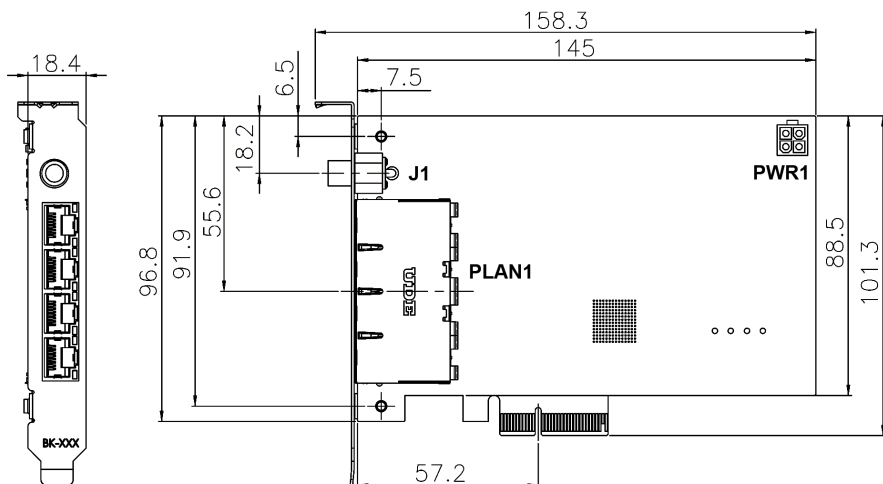
Connector Pinouts / 連接器腳位定義

PWR1: Internal power connector				
Pin	Description	Pin	Description	
1	GND	2	GND	
3	Power in	4	Power in	

J1: External power connector				
Pin	Description	Pin	Description	
1	Power in	2	GND	
3	GND			

PLAN1: Quad-port LAN connector				
Pin	Description	Pin	Description	
1	MDIA0+	2	MDIA0-	
3	MDIA1+	4	MDIA2+	
5	MDIA2-	6	MDIA1-	
7	MDIA3+	8	MDIA3-	
LED	Description	LED	Description	
A	On: linked Blinking: data is being sent/received	B	Off: 10 Mb/s Green: 100 Mb/s Orange: 1000 Mb/s	

Dimensions / 尺寸 (Unit: mm)



Software Driver / 驅動程式安裝

IPCIE-4POE's driver supports the following OS:

- Windows XP
- Windows 8/8.1
- Windows 7
- Windows 10

Install the driver corresponding to your operating system before using the IPCIE-4POE. The driver can be downloaded from IEI Resource Download Center (<https://download.ieiworld.com>).

IPCIE-4POE 的驅動程式支援下列操作系統：

- Windows XP
- Windows 8/8.1
- Windows 7
- Windows 10

請在開始使用 IPCIE-4POE 前依據您的操作系統安裝對應的驅動程式。

請至 IEI Resource Download Center (<https://download.ieiworld.com>)下載驅動程式。

Ordering Information / 訂購資料

- IPCIE-4POE-R10:
PCI Express Power over Ethernet card, 4-port 1000BASE-T, 802.3af compliant, RoHS
- 63040-010090-120-RS:
90 W power adapter; Vin:90~264VAC; Plug=7.5mm; Cable=1500mm; ErP (no load 0.5W); Vout:19VDC; Φ 2.1/ Φ 5.5/lock; CCL; RoHS

Safety Instructions / 安全守則



Warning! To prevent the system from overheating, do not operate it in an area that exceeds the maximum operating temperature described in the user manual.

警告！為防止系統過熱，不要在使用手冊上記載的產品工作溫度範圍之外操作此系統。

Warning! Ultimate disposal of this product should be handled according to all national laws and regulations.

警告！本產品的廢棄處理應根據該國家的法律和規章進行。

IEI Support URL / IEI 線上諮詢

http://new.ieiworld.com/tw/online_support_form

Headquarters

威強電工業電腦 IEI Integration Corp.
No. 29, ZhongXing Rd., Xizhi Dist.,
New Taipei City 221, Taiwan
TEL: +886-2-8691-6798/+886-2-2690-2098
FAX: +886-2-6616-0028
sales@ieiworld.com
www.ieiworld.com

America

IEI Technology USA Corp.
138 University Parkway, Pomona,
CA 91768, USA
Tel:+1-909-595-2819
Fax:+1-909-595-2816
sales@usa.ieiworld.com
usa.ieiworld.com

China

威強電工業電腦 IEI Integration (Shanghai) Corp.
上海市闵行区莘庄工业区申富路 515 号
No. 515, Shen Fu Rd., Xin Zhuang Industrial Development Zone,
Shanghai, 201108, China
Tel:+86-21-3116-7799
Fax:+86-21-3462-7797
sales@ieiworld.com.cn
www.ieiworld.com.cn