



# MPCIE-DLAN

PCIe Mini Dual GbE LAN Module

PCIe Mini 兩埠千兆網口轉接卡

## Quick Installation Guide/快速安裝指南

Version 1.02

June 25, 2021

### Features / 產品特色

- Support dual GbE LAN  
支援兩埠千兆網口
- Intel® I210-IT Ethernet Controller  
Intel® I210-IT 乙太網路控制器
- Compliant with PCI Express Mini specification 1.2  
符合 PCI Express Mini specification 1.2

### Packing List / 內容清單

- 1 x MPCIE-DLAN card / MPCIE-DLAN 卡
- 2 x LAN cable (length=340 mm, pitch=1.25 mm) / 網路連接線
- 1 x QIG (Quick Installation Guide) / 快速安裝指南

## Specifications / 規格

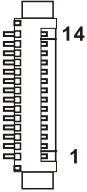
<b>Form Factor</b>	PCI Express Mini, full-size
<b>Main IC</b>	Intel® I210-IT
<b>Speed</b>	10/100/1000Mbps
<b>External Connector</b>	2 x RJ-45 Ethernet connector (8-pin)
<b>Power Supply</b>	On-board 3.3 V
<b>Compatible OS</b>	Windows XP / Server 2003 / Server 2008 / Vista / 7 / 8.1 / 10 Linux kernel version: 2.6.32 and above
<b>Operating Temperature</b>	-10°C ~ 70°C
<b>Operating Humidity</b>	10% ~ 95%, non-condensing
<b>Dimensions (LxW)</b>	51 mm x 30 mm
<b>Weight</b>	70 g

## Ordering Information / 訂購資料

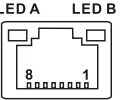
- MPCIE-DLAN-R10:  
PCI Express Mini dual Intel GbE LAN module, full-size, RoHS

## Connector Pinouts / 連接器腳位定義

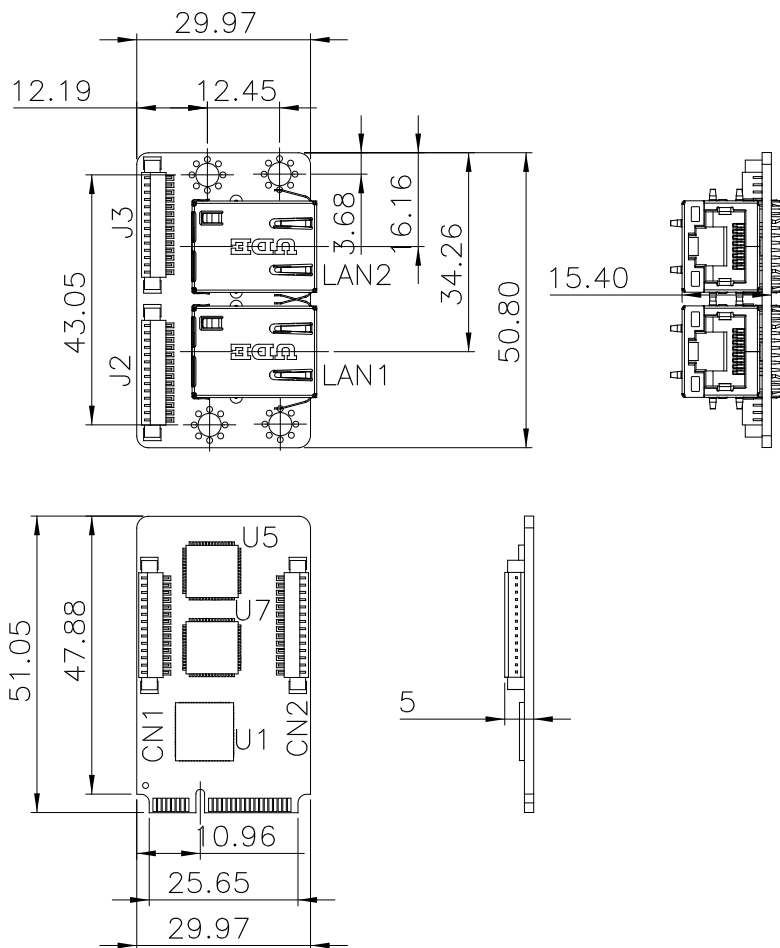
CN1/CN2/J2/J3: Internal 14-pin LAN connector			
Pin	Description	Pin	Description
1	+3.3V	2	INK_ACT-
3	1000-	4	100-
5	TRDP0	6	TRDN0
7	TRDP1	8	TRDN1
9	TRDP2	10	TRDN2
11	TRDP3	12	TRDN3
13	GND	14	GND



LAN1/LAN2: External RJ-45 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

The MPCIE-DLAN provides device drivers for Windows 32-bit and 64-bit operating systems. Install the driver corresponding to your operating system before using the MPCIE-DLAN. The driver can be downloaded from IEI Resource Download Center (<https://download.ieiworld.com>). MPCIE-DLAN 提供支援 Windows 32-bit 和 64-bit 操作系統的專用驅動程式。請在開始使用 MPCIE-DLAN 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。

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

 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。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](http://new.ieiworld.com/tw/online_support_form)

## Compliance / 安規



This equipment has been tested and found to comply with specifications for CE marking. If the user modifies and/or installs other devices in the equipment, the CE conformity declaration may no longer apply.



This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



According to the requirement of the WEEE legislation the following user information is provided to customers for all branded IEI Electronics products subject to the WEEE directive.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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