

Mini PCI Express GbE LAN module, Full size, RoHS

# MPCIE-LAN-R10

## Quick Installation Guide

Version 1.0

May 27, 2013

### Package List

MPCIE-LAN-R10 package includes the following items:

- 1 x MPCIE-LAN module
- 1 x Flat Cable (Pitch=1.25mm)
- 1x QIG



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## Features:

1. Support one GbE LAN by RTL8111E
2. Compliant with PCI Express Mini Card specification 1.2

## Specifications

- Form Factor: PCI Express mini card
- Display Controller IC: Realtek RTL8111E
- Speed: 10/100/1000Mbps
- External Connector: 1 x 8-pin RJ-45
- Power Supply: On board 3.3V
- Compatible OS:  
Windows 2000/ XP/ Server 2003/ Server 2008/ Vista/ 7  
Linux kernel version 2.6.32 above
- Operating Temperature: -10°C ~ 70°C
- Operating Humidity: 5% ~95%, non-condensing
- Dimension (LxW): 51mm x 30mm
- Weight: 70g

## Ordering Information

- **MPCIE-LAN-R10:**  
Mini PCI Express GbE LAN module, Full size, RoHs

## Jumpers setting and connectors

LABEL	FUNCTION
J4	LAN connector
J5	LAN connector

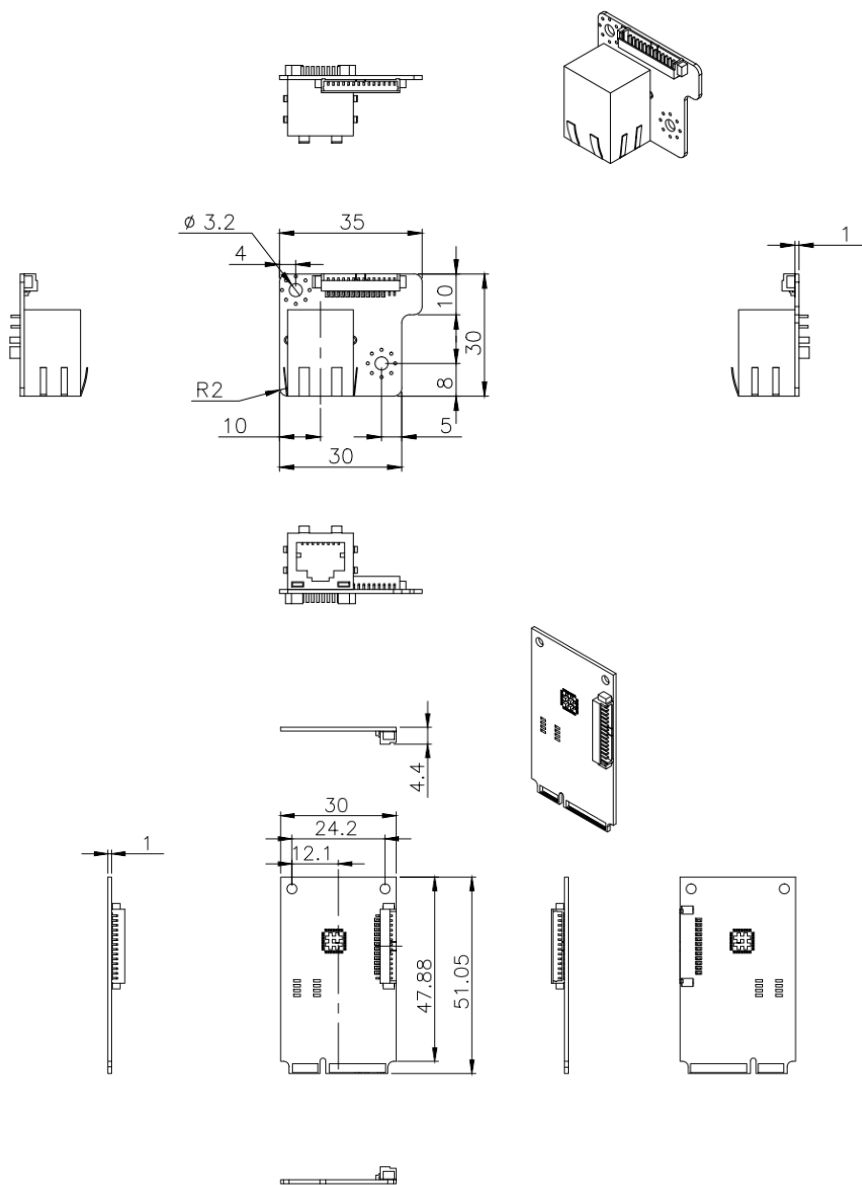
### J4: LAN connector (WAFER 1\*12 WITH FRAME,12PIN,90D,P:1.25mm)

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	+V3.3MINI_LAN	2	LAN1_LED0
3	LAN1_LED3/EEDO	4	LAN1_LED1/EESK
5	LAN1_MDI0+	6	LAN1_MDI0-
7	LAN1_MDI1+	8	LAN1_MDI1-
9	LAN1_MDI2+	10	LAN1_MDI2-
11	LAN1_MDI3+	12	LAN1_MDI3-

### J5: LAN connector (WAFER 1\*12 WITH FRAME,12PIN,90D,P:1.25mm)

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	+V3.3MINI_LAN_R	2	LAN2_LED0_R
3	LAN2_LED3/EEDO_R	4	LAN2_LED1/EESK_R
5	LAN2_MDI0+_R	6	LAN2_MDI0-_R
7	LAN2_MDI1+_R	8	LAN2_MDI1-_R
9	LAN2_MDI2+_R	10	LAN2_MDI2-_R
11	LAN2_MDI3+_R	12	LAN2_MDI3-_R

# Board Layout: Jumper and Connector Locations



(Unit: mm)