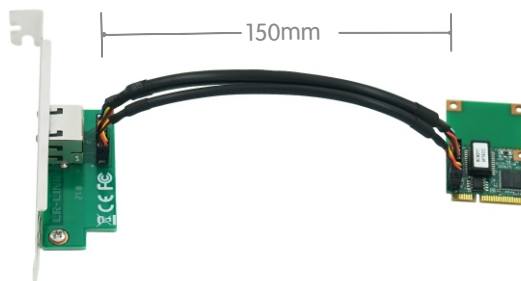


# LRES2201PT

—Mini PCIe Single Port Copper Gigabit Ethernet Network Adapter Intel 82574 Based

## Product Introduction



LRES2201PT based on Intel 82574 controller, is a Mini PCIe single-port Gigabit Ethernet network adapter developed by Shenzhen Lianrui Electronics Co., Ltd.

This adapter card is designed with Mini PCIe slot and is designed for industrial equipment such as industrial PCs and single board machines with Mini PCIe interface slots. It can solve the problem of compact space of equipment. The card supports a 10/100/1000Mbps link rate that automatically adapts to existing Ethernet networks.

This Ethernet adapter can be widely used in network equipment such as industrial computer, embedded computer single board computer, digital multimedia, etc. It can realize system support such as Windows, Linux, MAC OS.

## Key Features

- Single Port 10/100/1000Mbps adapter
- Mini PCIe lanes
- Selected RJ45 connector with thickened gold to ensure more reliable connection
- 9 KB jumbo frame support
- PXE Support
- Flow Control Support
- Low Profile and full-Height bracket

## Specifications

Controller	Intel 82574
Cable medium	Copper
Cable Types	Cat 5E / 6 or higher: 1000Base-T up to 100m
	Cat 5 / 5E / 6 or higher: 100Base-T up to 100m
	Cat 3 / 4 / 5 / 5E / 6 or higher: 100Base-T up to 100m
Bracket	Low Profile and full-Height bracket
TDP (max)	1.0W
Connector	1*1G 8-Pin RJ45 interface
PCIe Bus Type	Mini PCIe v1.1
Rate	10/100/1000Mbps
Power Supply	Mini PCIe power supply +3.3V±9%
Operating System Support	Windows XP , Vista , 7 , 8/8.1 , 10 Windows Server 2003 /R2 , 2008 /R2 , 2012 /R2 , 2016 /R2 Linux Stable Kernel version 2.4.x / 2.6.x / 3.x /4.x or later Red Hat Enterprise Linux 5 / 6 / 7 or later SUSE Linux Enterprise Server 10/11 or later VMware ESX/ESXi 4.x/5.x/6.x or later FreeBSD 9 / 10 or later

### TechnicalFeatures

Ethernet Power Management	Yes
IEEE Standard	IEEE 1588 IEEE 802.3 IEEE 802.1Q VLANs IEEE 802.1p IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE802.3x
PXE	Yes
DPDK	Yes
Jumbo Frame	Yes

### EnvironmentFeatures

Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Humidity	90% non condensing under 35°C
Certificate	FCC B, UL, CE, VCCI, BSMI, CTICK, MIC

### LEDIndicators

LED	1000Mbps: LINK: Yellow, ACTIVE: Green
	10Mbps/100Mbps: ACT: Green

### PhysicalFeatures

PCB Size (mm)	30*26.8*1.0 ( M ) + 49*23.5*1.6 ( M1 )
weight (g)	38

### OrderInformation

M/N	Description
LRES2201PT	Mini PCIe Single Port Copper Gigabit Ethernet Network Adapter (Based on Intel 82574,3U/2U bracket)

PS: The above details is just for reference,if there is any change,no inform will have.

## CompanionProducts

### Fiber NIC

- LR-LINK PCI 100FX Desktop Adapter
- LR-LINK PCIe 100FX Desktop Adapter
- LR-LINK PCI 1000BASE-SX/LX Desktop Adapter
- LR-LINK PCIe 1000BASE-SX/LX Desktop Adapter
- LR-LINK PCIe 1000BASE-SX/LX Server Adapter
- LR-LINK PCIe 10GBASE-SR/LR Server Adapter
- LR-LINK PCIe 25GBASE-SR/LR Server Adapter
- LR-LINK PCIe 40GBASE-SR/LR Server Adapter
- LR-LINK PCIe 100GBASE-SR/LR Server Adapter

### Copper NIC

- LR-LINK PCI 10/100Mbps Desktop Adapter
- LR-LINK PCIe 10/100Mbps Desktop Adapter
- LR-LINK PCI 10/100/1000Mbps Desktop Adapter
- LR-LINK PCIe 10/100/1000Mbps Desktop Adapter
- LR-LINK PCIe 10/100/1000Mbps Server Adapter
- LR-LINK PCIe 100/1Gbps/10Gbps Server Adapter

## DownloadDrivers

To get the drivers, please visit us at <http://www.lr-link.com/support/driver.html>

## ProductQuickGuide

To know the network card basic knowledge to choose the suitable NIC you need, please visit us at <http://www.lr-link.com/productchoose.html>

## CustomerSupport

LR-LINK customer Support Services offers a broad selection of programs including phone support and warranty service. For more information, contact us at Service and availability.<http://www.lr-link.com/contactus.html>

### Lianrui Electronic Co.LTD

A professional supplier of high-quality NIC:PCI,PCI-X,PCI-Express;SC,ST,LC,SFP,SFP+,SFP28,QSFP+;100M,1G,10G,25G,40G,100G;single,dual,quad ports. all series fiber and copper NIC with nearly 150 specifications which can meet demands of various applications, continuously creates value for customers and partners as well as OEM/ODM services provided.

## Declaration

Shenzhen Lianrui Electronics Co., Ltd is an efficient Ethernet adapter design company with independent research and development, using Intel , Tehuti , Broadcom , Realtek and other manufacturers Ethernet controller, developed by our company's independent R & D design team, manufactured by our company workshop, and then sell.

Our products specifications come from modifying the chip manufacturer's specifications released. Product features, technical parameters, technology right, intellectual property rights and brand names etc. mentioned in specifications are just referenced only. There is no infringement meaning. If there is any important and sensitive content related, please contact our Lianrui company, we'll delete them, thank you.

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