

LREC9204CT

— PCIe x1 Single-port Gigabit Copper Ethernet Network Adapter (Intel I210 Based)

Overview



LREC9204CT is a PCI Express X1 bus interface gigabit ethernet network adapter developed by Shenzhen Lianrui Electronics Co., LTD based on Intel I210 chip. The adapter adopts miniaturization design without reducing the performance of the network card.

It adopts ethernet power management technology such as energy saving ethernet and DMA merge, and has 4 send and 4 receive queues, error-correcting memory protection and other technologies to improve the reliability of data transmission. By combining parallel and pipeline logic architecture, it effectively manages packets with delay.

In the machine bus architecture to achieve high performance network data transmission, compatible with ethernet and fast ethernet to greatly reduce customer deployment and training costs, users can quickly and easily migrate to gigabit Ethernet 10/100/1000Mbps link rate adaptive to the network link.

Key Features

1. A PCIe X1 gigabit ethernet network adapter.
2. It adopts miniaturized design.
3. It is compatible with Ethernet and fast Ethernet to greatly reduce customer deployment and training costs.

Specifications

Controller	Intel I210
Cable medium	Copper
Cable Type	1GBase-T, Cat 5e or higher up to 100m
	100MBase-T, Cat 5 or higher up to 100m
	10MBase-T, Cat 3/4/5/5E/6 or higher up to 100m
Baffle Configuration	Full height & half height
Power Consumption	1.0W
System Support	Windows 7/8/8.1/10/11
	Windows Server 2008 R2/ 2012 R2/ 2016 R2/2019 R2/2022 R2
	Linux Stable Kernel version 2.6.x/3.x/4.x or later;
	Linux CentOS/RHEL 6.5 / 7.x or later
	Ubuntu 14.x/15.x/16.x or later
	FreeBSD 9 / 10 / 11 or later
	VMware ESX/ESXi 2.6.x/3.x/4.x/5.x or later
Bus Type	PCIe v2.1 x1 , compatible with x4, x8 , x16
Data Rate	10/100/1000Mbps
Connector	1*1G RJ45

Technical Features

Standards Compliant	IEEE 802.3ab 1000BASE-T Ethernet IEEE 802.3u 100BASE-T Ethernet IEEE 802.3z IEEE 802.3
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	IEEE 802.1Q VLANs IEEE 802.3x IEEE 1588 IEEE 802.3az - Energy Efficient Ethernet (EEE)
PXE	Yes
iSCSI	No (Can be Set support)
FCoE	No
DPDK	Yes
WoL	Yes
Jumbo frame	Yes
SR-IOV	Yes

Environment Features

Operating Temperature	0 °C to 55 °C (32 °F to 131 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage Humidity	Maximum: 90% non-condensing relative humidity at 35 °C

Physical Features

PCB Size(mm)	99*55.5*1.6
Weight(g)	*

LED Indicators

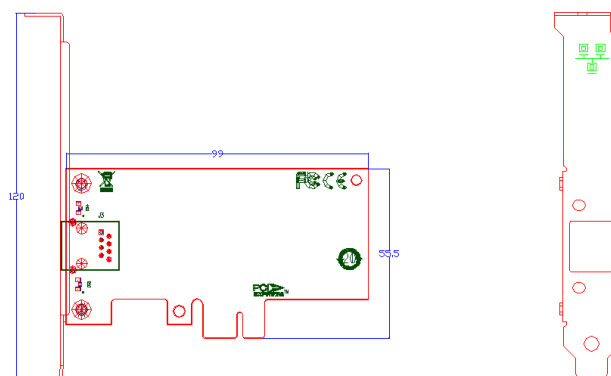
Status indication	1000Mbps, Orange bright + Green flashing
	100Mbps, Green bright + Green flashing
	10Mbps, Green flashing

Order Information

P/N	Description
LREC9204CT	PCIe x1 Single-port Gigabit Copper Ethernet Network Adapter

PS: Above details are only for reference, if there is any change, no prior notice.

Product Structure



1. 1*1G RJ45 Connector
2. PCIe 2.1 x1 Bus

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Companion Products

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-SX/LX Server Adapter
- § LR-LINK PCIe 25GBASE-SX/LX Server Adapter
- § LR-LINK PCIe 40GBASE-SX/LX Server Adapter
- § LR-LINK PCIe 100GBASE-SX/LX 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 100/1G/10Gbps Server Adapter
- § LR-LINK PCIe 1G/2.5G/5G/10Gbps Server Adapter

Download Drivers

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

Product Quick Guide

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>.

Customer Support

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>

Shenzhen Lianrui Electronic Co.,LTD.

Shenzhen Lianrui Electronics Co.,Ltd is an efficient Ethernet adapter design company with independent research and development, using Intel, Net-swift, Tehuite, 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.

Declaration

Our products specifications come from modifying the chip manufacturer's specifications released. Product features,

technical parameters, technology right, intellectualproperty rights and brand names etc.mentioned in specifications are just referenced only.There is no infringement meaning.If there is any important andsensitive content related, please contact our Lianrui company, we'll delete them, Thank you.

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