

LREC9222HT

---- PCI Express x1 Dual Port Copper Ethernet Network Card Intel I350 Based

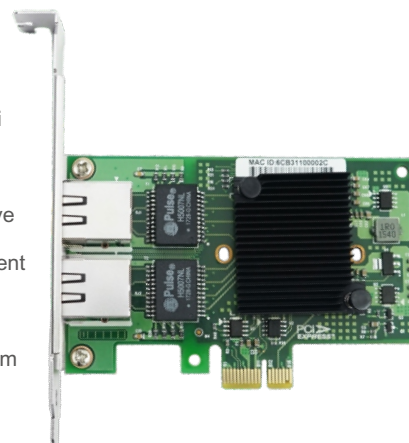
DESCRIPTION

LREC9222HT is a PCI Express x1 dual-port RJ45 Connector Gigabit Ethernet network card independently developed by Shenzhen Lianrui Electronics Co., Ltd. based on the Intel I350 chip solution. It is also compatible with PCIe x4, x8, x16 channels. The network card design is primarily used on desktop workstations. The network card can be bundled into groups at the same time through multiple ports to achieve fault tolerance and redundancy to extend network bandwidth and ensure network performance. It can automatically detect and implement communication from the failed port to other members in the same group in real time, to achieve uninterrupted high performance communication.

The network card features integrated hardware acceleration to perform TCP/UDP/IP checksum offloading and TCP segmentation tasks. The host processing technology can load the accelerator, and the host processing technology can load the accelerator,

which greatly releases the CPU resources and frees up more CPU resources to process other applications. This network card is an ideal solution for applications that deploy workstation networks.

The LREC9222HT was developed on the Intel I350 dual-port Ethernet MAC+PHY (Media Access Controller and Physical Interface Transceiver) controller, allows both ports to operate in full-duplex mode for high-performance network communications in a Gigabit Ethernet connection, bandwidth can be extended by link aggregation and PCI Express channel resources can be saved without consuming bus bandwidth.



FEATURES

Controller	Intel I350
Transmission Medium	Copper
Copper Types	1000Base-T Cat 5E / Cat6 or higher : Up to 100m
	100Base-Tx Cat5/Cat 5E/ Cat6 or higher : Up to 100m
	10Base-T Category 3/4/5/5E/6 or higher : Up to 100m
Bracket	Low Profile Bracket and Full-height Bracket
Power (max)	2.0W
Support OS System	Windows 10 Windows 8/8.1 Windows 7 Windows Vista Windows XP Windows Server 2003 Windows Server 2008 /R2 Windows Server 2012 /R2 Windows Server 2016 /R2 Novell Netware 5.x/6.x or later Linux kernel version 2.4.x/2.6.x/3.x/4.x or later FreeBSD 7/8/9 or later Sun Solaris 9/10/11 or later VMware ESX/ESXi 4.x/5.x/6.x or later
Connector	2* RJ45
PCIe Bus	PCI Express v2.1 (2.5GT/s & 5.0GT/s) x1, Compatible with x4/x8/16
Data Rate Per Port	1000Mbps

TECHNICAL FEATURES

Ethernet Power Management	Yes
IEEE* 802.3 Automatic negotiation	Yes
Support Speed	1G
IEEE Standard	IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3u 100base-TX IEEE 802.3 az IEEE 802.1Q VLAN IEEE 802.1ad
PXE Support	Yes
WoI Support	Yes
Jumbo Frame Support	CE,FCC,Rohs, ISO9001:2015
DPDK Support	Yes
iSCSI Support	Yes
SR-IOV Support	Yes
IPv4/IPv6 Support	Yes

ENVIRONMENT FEATURES

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	5%~90% non condensing
LED Indicators	Green Link(Link Indicator) + Green Blink (Ack Indicator)

Physical Features

PCB Size (mm)	105*67*1.6
Weight (g)	72

Operating Systems Support

M/N	Description
LREC9222HT	PCIe x1 Dual Port Copper Ethernet Network Card (Based on Intel I350,3U/2U bracket)

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

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-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/support/datasheet.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,OCP;SC,ST,LC,SFP,SFP+,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,Broadcom, Mellanox, Marvell, VIA, Realtek and other manufacturers Ethernet controller, developed by our company's independent R & D design team,manufacturedby our company workshop, and then sell.

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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