

LREC9020PF

PCIe x1 100Base-FX SC Port Fiber NIC (RTL8105E Based)

Descriptions:

LREC9020PF is a pci-e bus 100Mbps fiber network card developed by Shenzhen Lianrui Electronics CO.,LTD. With 1x9 optical transceiver module, it can be matched with different fiber connector or optical transceiver module with different transmission distance according to the requirement of users. The network card can offer users reliable fiber-optic link on fast Ethernet internet, especially in the place where the distance of data center beyond Cat5(100m). It can completely replace the networking structure of that Ethernet card with RJ45 port connects externally optical transceiver. It can provide users with reliable FTTH and FTTD solutions. Users can select the optical interface parameters (including connectors, single-mode / multi-mode fiber, working distance, etc) according to occasion.

Features

- Plug and play
- PCI-E X1 compliant
- 100M 1x9 module, SC connector, MM or SM Optional.
- Compliant with IEEE 802.3u 100Base-FX
- Support flow control
- Support priority queuing
- ACPI 2.0 Power Management Function
- Two color LED indicated to know the connecting and power status
- Advanced management
- Support most NOS systems

Networking Protocol

- IEEE 802.3u 100Base-FX Ethernet standard
- IEEE 802.3x flow control
- IEEE 802.1q VLAN tagging
- IEEE 802.1p priority control

PCI-E complaint

- ACPI 2.0 power manage functions
- DMI 2.0 desktop management

NOS Software Support



- Windows ME
- Windows 98SE
- Windows 7 32-bit (64-bit)
- Windows 8 32-bit (64-bit)
- Windows 8.1 32-bit (64-bit)
- Windows XP 32-bit (64-bit)
- Windows 2000 32-bit (64-bit)
- Windows Vista 32-bit (64-bit)
- Windows Server 2003 32-bit (64-bit)
- Windows Server 2008 32-bit (64-bit)
- Windows Server 2008 R2 32-bit (64-bit)

DOS

- UEFI UEFI
- FreeBSD 7.x and 8.0
- SCO Unix 5.0.6 and 5.0.7
- Novell server OS 5.X and 6.X
- SCO Open Server 6 and UnixWare 7.1.x
- LINUX driver for kernel 3.x.2.6.x.2.4.x
- MacOS 10.4 and 10.5 on Intel-based Mac computer
- MacOS 10.6 on Intel-based Mac computer
- MacOS 10.7 on Intel-based Mac computer

Wavelength & Distance

Dual fiber MM, single wavelength 1310nm, 2km

Environmental Parameters

- Operating Temperature: 0°C - 50°C
- Storage Temperature: -25°C - 55°C
- Humidity Range Operating: 5%-95%, non-condensing
- Red LED: PWR
- Green LED: LNK/RA
- Size: 105mm X57mm

Wavelength & Distance:

Fiber connector	Specifications	Wavelength	Distance
SC	Dual fiber, MM	1310nm	2km
SC	Dual fiber, SM	1310nm	20km

Order Information:

M/N	Description	Notes
LREC9020PF	PCIe x1 100Base-FX SC Port MM Fiber NIC with (RTL8105E Based)	wavelength 1310nm , distance 2km
LREC9020PF-LX	PCIe x1 100Base-FX SC Port SM Fiber NIC with (RTL8105E Based)	wavelength 1310nm , distance 20km

PS: The above details are just for reference, if there are any changes, no prior notice.

ORDER CODES

LREC9020PF

COMPANION PRODUCTS

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
opper 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

ONLINE DOCUMENTS

For the latest product information, visit us Web
at <http://www.lr-link.com/>

DRIVERS AND PRODUCT LIST

To get the latest product list and drivers, please
visit us at [http://www.lr-link.com/ProductDriver/
index1.shtml](http://www.lr-link.com/ProductDriver/index1.shtml)

FOR PRODUCT INFORMATION

To know the network card basic knowledge to
choose the suitable card you need, please visit
us at <http://www.lr-link.com/product.html>
To get the product datasheet, please contact the
sales in Shenzhen Lianrui Electronics CO.,LTD.

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
<http://www.lr-link.com/service.shtml> Service and
availability.

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Professional supplier of NIC

LianRui Electronic Co.LTD

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

Shenzhen Lianrui Electronics CO.,LTD

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