

## LREC9030PF-LX

PCIe x1 100FX SC Port SM Fiber NIC (Intel 82574 Based)

### Descriptions:

LREC9030PF-LX 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 , particularly it is fit for places where distance of accessing to POI beyond string Cat 5e (>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.



### Professional Design, Cast Highly Stable Fiber Network

Strict wiring requirements, high standard isometric line walk line equidistant difference way, control the equilong in 5mil improve the signal transfer quality, assure the functions. High-efficient power management chipset provides a safe, stable and reliable power supply for the network card. Good layout, the appropriate packaging, high-quality of materials used, the network card will be of high performance and stability as well as more beautiful & generous.

### Professional Quality Trustworthy

Shenzhen Lianrui Electronics CO.,LTD has developed for 8 years, has been to the professional supplier for the high-quality fiber communicate products .We have accumulated a lot of R&D and manufacturing experience in fiber communication area, especially FTTD application, it is the top in this field. To satisfy the market needs, Independent R &D kinds of fiber network cards, this is unique in the market all over the world. To welcome the trend of “the integration of telecommunications networks, cable tv networks and the internet” and “optical access for replacing copper access”, Lianrui input all our energy in the LREC fiber NIC brand to supply more professional, more stable, more flexible, more products choice for users.

### High Performance Control, High performance Assurance

Use the Intel as major chipset controller and the Marvell photoelectric controller to supply high performance for network card. Intel, Marvell is one of the leading Semiconductor integrated electric communication products design, research, manufacturing all over the world.

### Advantages:

- Use the 6 layer PCB, double copper thickness,5OZ heavy gold plate
- Optimize designation, improved the distribution line and integral network arrangement
- Use the high power control
- Use the USA Marvell original photoelectric controller
- Improved the functions and quality

### Advantages:

- Plug and play
- PCI-E X1 compliant
- 100M 1\*9 module, SC connector, SM available compliant with IEEE 802.3z 1000Base-LX Ethernet standard
- 100Mbps fast ethernet , Full duplex or half-duplex, reach 200Mbps in full duplex
- Support IEEE 802.3x flow control
- Support IP Unicast broadcast and multicast address filtering mechanism
- Support priority queue
- Support IEEE 802.1Q VLAN tagging
- Support IP multicast packet filter reduces host CPU use

## Networking Protocol:

IEEE 802.3Z 1000Base-SX/LX  
Ethernet standard  
IEEE 802.3x flow control  
IEEE 802.1q VLAN tagging  
GVRP VLAN registration protocol  
IEEE 802.1p priority control  
PCI-E 1.0 complaint  
ACPI 2.0 power manage functions

## NOS Software Support:

Windows 2000  
Windows XP 32-bit (64-bit)  
Windows Server 2003 32-bit (64-bit)  
Windows Vista 32-bit (64-bit)

Windows 7 32-bit (64-bit)  
Windows 8 32-bit (64-bit)  
Windows Server 2008 32-bit (64-bit)  
Windows Server 2008 R2 32-bit (64-bit)  
Windows Server 2012 32-bit (64-bit)  
DOS, Novell ODI  
Novell Netware 5.x、 6.x  
Linux 2.4 series kernel and 2.6.x 、 3.x  
FreeBSD 7.x and later  
UnixWare / OpenUnix 8  
Sun Solaris x86  
VMWare

## Order Information:

M/N	Description	Notes
LREC9030PF-LX	PCI e x1 100FX SC Port SM Fiber NIC (Intel 82574 Based)	W Wavelength 1310nm , distance 20Km

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

## ORDER CODES

LREC9030PF-LX

## 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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