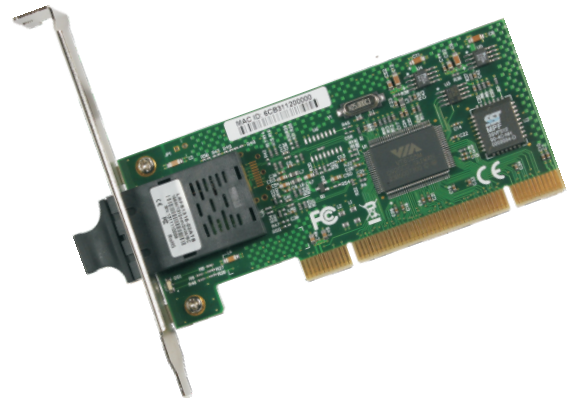


## LREC7020PF-LX

### PCI 100FX SC Port SM Fiber NIC (VT6105 Based)

#### Descriptions:

LREC7020PF-LX is designed by Shenzhen Lianrui Electronics CO.,LTD(LR-LINK).It is a 100Mbps managed PCI bus fiber NIC. The LREC7020PF-LX can supply reliable fiber optic connections for users when surf the fast ethernet internet, particularly it is suitable access the distance beyond the five lines access distance (100m) of the place. It can completely replace the ethernet card external photoelectric conversion of the network structure of the commonly used RJ-45, to provide users with reliable fiber-to-the-home and fiber-to-desktop solutions. Users can select the optical interface parameters (including connectors, single / multi-mode fiber, working distance) according to the distance.



#### Features:

Based on Taiwan VIA VT6105M controller  
100M 1\*9 module, SM available  
Both full-height and low profile for small form factors  
Support PXE Boot Rom  
Compliant with IEEE 802.3u 100Base-FX / IEEE 802.3ah 100Base-LX10 / -BX10 ethernet standards  
100Mbps fast ethernet ,Full duplex or half-duplex, reach 200Mbps in full duplex  
Supports 32-bit PCI 2.2 buses  
Support IEEE 802.3x Flow Control enabled with full duplex operation,allowing enhanced operation when directly connected to a switch.  
Support IP Unicast broadcast and multicast address filtering mechanism  
Support IEEE 802.1p Tagging supported, ensure the sensitive data can reach on time  
Support IEEE 802.1Q VLAN tagging  
Support GVRP VLAN registration protocol  
Support TCP/IP, CPU Task Offload reduces host CPU use  
Advanced management, support DMI 2.0 and ACPI 1.0

#### Advantages:

Use the double copper thickness,50Z heavy gold plate to ensure the good reflect and heat dispersion  
Optimize designation, improved the distribution line and integral network arrangement

Use the high power control, improved the high temperature of IC problem  
Add the PXE BootRom controller and PXE

#### Applications:

10/100Mbps FTTD Network  
10/100Mbps Industry Ethernet  
Other fiber applications AS

#### NOS Software Support

Windows XP 32-bit (64-bit)  
Windows 7 32-bit (64-bit)  
Windows 8 32-bit (64-bit)  
Windows Vista 32-bit (64-bit)  
Windows Server 2003 64-bit  
Windows ME/95/98/98SE/NT  
Windows CE net5.0/6.0  
Windows Server 2000  
DOS  
Ubuntu pre 8.04/9.04/ 9.10/10.04  
SuSE Linux Enterprise 11  
Fedora Core 1.0 Linux  
/2.0/3.0/4.0/5.0/6.0/7.0/8.0/11.0  
Kernel 2.6.19.X  
OpenUNIX 8.0 (Caldera)/openSuSE Linux

## Environmental Parameters:

Operating Temperature: 0°C --50°C  
Storage Temperature : 5°C--55°C  
Humidity Range Operating: 5%--95%, non-condensing  
Power: 2W  
LED: green Link/Activity, orange and green color indicated  
Size:120mm×53mm

## Ordering Information:

M/N	Description	Notes
LREC7020PF-LX	PCI 100FX SC Port SM Fiber NIC (VT6105 Based)	wavelength 1310nm,distance 20Km

PS: Above details are only for reference, if there is any change, no inform will have.

## ORDER CODES

LREC7020PF-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.

**LR-LINK**<sup>®</sup>  
Link your world to everywhere

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

ADD:C4 Bldg., Xintang Industry Zone, Baishixia Fuyong Town, Bao'an District  
Shenzhen China 518103

[www.lr-link.com](http://www.lr-link.com)

Tel:86-755-33671531 Fax: 86-755-29082065

Product sales: [lrlink@lr-link.com](mailto:lrlink@lr-link.com)

Technical Support: [support@lr-link.com](mailto:support@lr-link.com)

OEM & ODM service: [info@lr-link.com](mailto:info@lr-link.com)

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