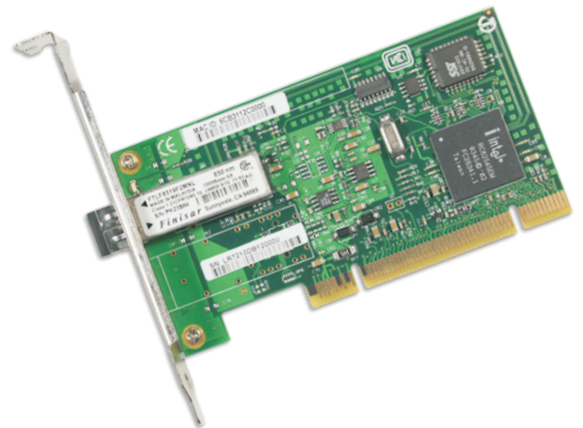


LREC7210PF

PCI 1000Base-SX 1x LC MM Fiber NIC (Intel 82545EB Based)

Descriptions:

LREC7210PF is researched and developed based on Intel 82545EB solution by Shenzhen Lianrui Electronics CO,LTD. It can be used in single-mode and multi-mode fiber networks. LREC7210PF PCI gigabit fiber card support boot-rom.PCI interface, delivers high throughput while conserving CPU resources. With a flexible design that fits almost any type of PCI bus, the standards-based management features and wide network operating system support help to ensure extensive compatibility with the latest server and networking environments. It's widely used in Great Hall of the People, CSIC, AVIC, other large state enterprises and institutions, government, financial institution, etc.



Highlight:

Professional Quality Trustworthy
High Performance Control, High performance Assurance
Professional Design, Cast Highly Stable Fiber Network

Features:

Support for most NOSs: Enables widespread deployment
INTEL gigabit Single Driver technology: Common driver suite for Gigabit Ethernet reduces installation Complexity
Backward Compatibility with previous generations of PCI 1000M Network Adapters: Reduces support costs and simplifies installation and maintenance
Support 32 bit PCI 2.2 bus: This flexible, auto-sensing adapter works in a variety of bus types
Remote Management Support (WfM, RIS, SNMP/DMI): Reduces support costs with remote management based on industry-wide standards
IEEE 802.3ab compatibility: Supports Gigabit Ethernet industry-wide networking standard
Intel® 82545 Gigabit Controller: Provides high performance, reliability, and low power use in a single integrated Gigabit Ethernet controller chip
Full-height and low profile, screw-on brackets included with each adapter: Compatible with full-height and low-profile PCI slots—the

standard, full-height bracket can be easily swapped out and replaced by the shorter, low-profile bracket, for installation in high-density 1U and 2U servers that feature low-profile PCI slots

Interrupt Moderation:

Delivers increased performance while significantly reducing CPU utilization
Large Send Off-load/TCP Segmentation Off-load: Compatible with Large Send Off-load feature of Microsoft Windows* Server 2003, 2000 and XP which enables wire speed performance with low CPU utilization
LC Connectors: This new, smaller connector design is compatible with the latest fiber-optic cabling standards
1000BASE-SX: Available with the PCI 1000M PF Server Adapter (SX)—ensures compatibility with fiber-optic cable lengths up to 550 meters in multi-mode

Specification:

GENERAL

Product Codes: LREC7210PF-LX

Connectors: LC

IEEE Standard/Network Topology wiring: 1000Base-LX Single-mode fiber(8um) or Multi-mode fiber(62.5um or 50um)

ADAPTER PRODUCT FEATURES

Single Driver technology

Plug & Play Specification Support: standard Easy Installation, @PROSet II Utility and ligent Install

Auto-negotiation, Full-duplex Capable
Includes a Low-profile and a Full-height Bracket

Cable Distance: 10km at 9um

ADVANCED SOFTWARE FEATURES

Adapter Fault Tolerance
Switch Fault Tolerance
Adaptive Load Balancing
Receive Load Balancing
Gigabit Ether Channel*1
IEEE 802.3ad (Link Aggregation Control Protocol)*1
Test Switch Configuration
PCI Hot Plug* and Active PCI*
802.1Q VLANs
802.3x Flow Control
TCP Checksum Offload
IEEE 802.1p
TCP Segmentation/Large Send Offload
Interrupt Moderation
Save and Restore
NETWORK MANAGEMENT
Wired for Management (WfM)
Baseline v2.0 Enabled for Servers
DMI 2.0 Support, WMI &
SNMP-manageable
Offline Diagnostics
Intel® Boot Agent
ACPI Power Management
PXE 2.0

TECHNICAL FEATURES

Data Rate(s) Supported per Port: 1,000 Mbps
Bus Type: PCI
Bus Width: 32bit
Bus Speed (MHz):33/66
Onboard Memory: 64KB
Interrupt Levels: INTA
IEEE Support: 802.3z
Data Transfer Mode: Bus-master DMA
Controller—Processor: Intel® 82545
Typical Power Consumption: 1A at +5VDC
Operating Temperature: 0–55°C
Operating Humidity: 85% at +55°C
NOS SOFTWARE SUPPORT
Microsoft Windows* Server 2003 and 2000
Microsoft Windows* XP 32- and 64-bit Editions
Microsoft Windows NT* 4.0
Linux* 2.4.x or later (32- and 64-bit)
FreeBSD 4.x or later
Novell Netware* 4.11, 4.2, 5.0,5.1, 6.0
SunSoft Solaris* 7, 8
UnixWare* 7.x, OpenUNIX 8 (ddi8)
SCO5*

Ordering Information:

M/N	Description	Note
LREC7210PF	PCI 1000Base-SX MM Fiber NIC (1x LC Intel 82545EB Based)	550m at 62.5 um or 50um;

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

ORDER CODES

LREC7210PF

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[®]
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

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

Product sales: lrlink@lr-link.com

Technical Support: support@lr-link.com

OEM & ODM service: info@lr-link.com

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