

LREC7210PF-SC

PCI 1000Base-LX SingleMode SC Port Fiber NIC (Intel 82545EB Based)

PCI fiber gigabit connection for your next-generation network

Gigabit fiber adapter eliminates server bottlenecks with industry-leading Gigabit performance in a PCI bus in 32-bit 33/66MHz and easily integrates into your existing Ethernet infrastructure.

Key Features:

- _ Greater distances and noise resistance enabled through fiber optic connection
- _ High network performance and flexibility via PCI bus at 32-bit 33/66MHz
- _ Alleviate server bottlenecks while increasing uptime through advanced server features

Features:

Intel 82545EB Gigabit Ethernet Controller
 Low profile
 Widespread Compatibility
 Scalable Bandwidth
 Adaptive Load Balancing
 Intel® Link Aggregation
 Fast Ether Channel*
 Gigabit Ether Channel*
 IEEE 802.3ad
 Adapter Fault Tolerance
 Mixed-adapter Teaming/Mixed-speed Teaming
 Preferred Primary
 PCI Hot Plug* and Active PCI*
 Standards-based Management
 Wired for Management (WfM) 2.0
 Desktop Management Interface (DMI) 2.0, SNMP

Specification:

IEEE STANDARD/NETWORK
 TOPOLOGY: 1000 Base-LX
 WIRING AND CONNECTORS: Single mode fiber, SC connector
 PRODUCT CODE: LREC7210PF-LX
 ADAPTER PRODUCT FEATURES
 Intel® Single Driver™ technology
 Intel® Adaptive Technology
 Plug and Play Specification Support Easy Installation,
 Intel® PROSet II Utility Auto-negotiation, Full-duplex Capable
 PCI Buses Supported: 32/66, 32/33



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
 Wake on LAN*

NOS SOFTWARE SUPPORT

Windows XP 32-bit (64-bit)
 Windows Vista 32-bit (64-bit)
 Windows Server 2000
 Windows Server 2003 64-bit
 Windows Server 2008 64-bit
 Windows 98/98SE/NT4.0/NT
 Windows CE/CE net5.0
 NetWare 5.0/5.1/6.0/6.5
 OpenUNIX 8.0 (Caldera)
 UnixWare 7.x

DOS

Novell ODI
 FreeBSD 4.7 or 4.x later
 Linux 2.2 through 2.6.x kernels
 Sun Solaris x86

ADVANCED SOFTWARE FEATURES1

Adapter Fault Tolerance
 Adaptive Load Balancing
 Fast Ether Channel* (when used with a capable switch)
 Gigabit Ether Channel* (when used with a capable switch)
 Intel® Link Aggregation (when used with a capable switch)
 IEEE 802.3ad (when used with a capable switch)
 802.1p
 PCI Hot Plug* and Active PCI*
 802.1Q VLANs

802.3x Flow Control
 TCP Checksum Offload
 802.1p, Intel® Priority Packet
 Adaptive Performance Tuning
TECHNICAL FEATURES
 Data Rate(s) Supported Per Port: 1000Mbps
 Onboard Memory: 64KB
 Interrupt Levels: INTA
 IEEE Support: 802.2 & 802.3z
 Data Path Width: 32-bit
 Consumption Operating Temperature Operating Humidity:
 Hardware Certifications: CE, FCC, ROHS
 Data Transfer Mode: Bus-master DMA
 Controller – Processor: Intel® 82545EB
 Typical Power Consumption: 1A @+5VDC

Operating Temperature: 0-55°C
 Operating Humidity: 85% at +55°C
SECURITY FEATURES
 IPSec Standard (Windows 2000)
 IPSec Standard (Windows NT 4.0)
 With Intel® Packet Protect
 Intel® 82545 Controller with Integrated Encryption Co-processor
 Encryption2
 3DES (168 bit) Encryption in software
 Authentication Algorithms in software
 SHA-1
 Md5
 Authentication Method Preshared Key Entrust/PKI*

Ordering Information:

M/N	Description	Notes
LREC7210PF-SC	PCI 1000Base- SC Port SM Fiber NIC (Intel 82544 Based)	wavelength 1310nm,distance 20Km

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

ORDER CODES

LREC7210PF-SC

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

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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.

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