

LREC9724HT-PoE

PCIe x4 Quad Port Gigabit PoE(802.3af & 802.3at)Image Capture Card (Intel I350AM4 Based)

Introduction:

The LREC9724HT-PoE is a kind of high-performance image capture card, independently researched and designed by Shenzhen LR-LINK Electronics Co., Ltd. The cards supports 4 independent 10/100/1000BaseT(X) 802.3af & 802.3at (PoE) compliant Ethernet ports, With 12 VDC AT/ATX power input, the LREC9724HT-POE can boost then provides up to 25.5 watts at 48 VDC power to maximum 4 x PoE ports on each module. It allows power to be supplied to connected devices, such as PoE-based Gigabit cameras in machine vision inspection systems, without the need to use separate PoE injectors for those applications. With its 2.25 KV isolation protection, and overload current/voltage protection on LAN ports, the LREC9724HT-PoE is ideally designed for scientific research instrumentations. Medical Research Instrumentations, Gigabit Ethernet surveillance IP cameras in intelligent transportation systems, which can also benefit from a scalable Gigabit backbone construction with Power-over-Ethernet support.

Features:

- *Based Intel I350AM4 GbE Mac/Phy Controller
- *PCI Express* x4 compliant
- *Supports 12 VDC AT/ATX input power boost up to 25.5 watts at 48 VDC per PoE port
- *Powered Device (PD) auto detection and classification
- *Supports IEEE 802.3u Auto-Negotiation
- *2.25 KV isolation protection on LAN ports and power
- *Supports Jumbo frame (9,500 byte) and link aggregation
- *Supports IEEE-1588 and IEEE-802.1 AS

Specifications:

Ethernet Communications
 Compatibility: IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3af, 802.3at
 Speed: 10/100/1000 Mbps
 No. of Ports: 4 Gigabit Ethernet MAC/PHY ports.
 Port Connector: 8-pin RJ45
 Protection: Built-in 2.25KV isolation protection on LAN ports and power, ESD 8KV, EFT 2KV
 Bus Interface: PCI Express x4 compliant
 Ethernet Controller: Intel I350 AM4

Power Requirements:

Input Voltage: 12 VDC, AT/ATX System power input
 Connection: AT/ATX Power Jack
 Output PoE Power: 48 VDC PoE Power output
 LREC9724HT-PoE: Supports 4 PoE ports up to 25.5 W at 48 VDC
 Power Consumption:
 LREC9724HT-PoE Typical: 25.5W per port



Environment:

- *Operating Temperature: 0 ~ 50°C (0 ~ 122°F)
- *Storage Temperature: -20 ~ 80°C (-4 ~ 176°F)
- *Operating Humidity: 5 ~ 95% RH

Mechanical:

Dimension (W x D x H): 155mm x 105mm x 18.6mm (6.1" x 4.13" x 0.73")

Applications:

- *Machine vision inspection systems
- *Scientific research instrumentations
- *Medical research instrumentations
- *Intelligent transportation systems

Software Support:

Windows xp
 Windows Vista
 Microsoft Windows 7
 Microsoft Windows 8
 Microsoft Windows 8.1
 Microsoft Windows 10
 Microsoft Windows Server 2003
 Microsoft Windows Server 2008
 Microsoft Windows Server 2008 R2
 Microsoft Windows Server 2012
 Microsoft Windows Server 2012 R2
 Linux kernel version 2.4.x, 2.6.x, 3.x or later(x86_64)
 FreeBSD 7.x or later
 Vmware 5.0, 5.1, 5.5, 6.0

Ordering Information

M/N	Description
LREC9724HT-PoE	PCIe x4 Quad Copper Port Gigabit Image Capture Card (Intel I350AM4 Based)

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

COMPANION PRODUCTS

Fiber NIC

- LR-LINK PCI 100FX Desktop Adapter
- LR-LINK PCIe 100FX Desktop Adapter
- LR-LINK PCI 1000BASE-SX/LX Desktop Adapte
- LR-LINK PCIe 1000BASE-SX/LX Desktop Adapter
- LR-LINK PCIe 1000BASE-SX/LX Server Adapter
- LR-LINK PCIe 10GBASE-SR/LR Server Adapter
- LR-LINK PCIe 40GBASE-SR/LR Server Adapter

Copper 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

DOWNLOAD DRIVERS

To get the drivers, please visit us at <http://www.lr-link.com/ProductDriver/index1.shtml>

PRODUCT QUICK GUIDE

To know the network card basic knowledge to choose the suitable NIC you need, please visit us at: <http://shop.kacer.com>

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 Service and availability.

LianRui Electronic Co.LTD

A professional supplier of high-quality NIC:PCI,PCI-X,PCI-Express;SC,ST,LC,SFP,SFP+;100M,1G,10G,40G;single,dual,quad ports. all series fiber and copper NIC with nearly 150 specifications which can meet demands of various applications, continuously creates value for customers and partners as well as OEM/ODM services provided.

DECLARATION

Shenzhen Lianrui Electronics Co., Ltd is an efficient Ethernet adapter design company with independent research and development, using Intel,Broadcom, Mellanox, Marvell, VIA, Realtek and other manufacturers Ethernet controller, developed by our company's independent R & D design team,manufacturedby our company workshop, and then sell.

Our products specifications come from modifying the chip manufacturer's specifications released. Product features, technical parameters, technology right, intellectualproperty rights and brand names etc.mentioned in specifications are just referenced only. There is no infringement meaning.If there is any important andsensitive content related, please contact our Lianrui company, we'll delete them, thank you.