

LRES2034PT

—PCIe2.1 x1 Single-port Gigabit Copper Ethernet Network Adapter
(Net-swift WX1860 Based)

Overview



LRES2034PT is a PCI Express V2.1X1 single port Gigabit Ethernet network adapter developed by Shenzhen Lianrui Electronics Co., Ltd. based on the Net-swift WX1860 main controller solution. The e adapter is compatible with PCIe X4, X8 and X16 at the same time and with PCIe V1.1 downward.

Shenzhen Lianrui Electronics Co., Ltd. launched the Ethernet fiber network card with independent intellectual property rights (LRES2034PT), the network card has a fully integrated Gigabit Ethernet media access control (MAC), physical layer (PHY) module. It is widely used in network communication of enterprises and institutions, and can also be used in PC server, embedded and other network equipment.

The controller used by LRES2034PT belongs to the main control product of Net-swift, which has autonomous control. Including data transmission, data network bandwidth, average transmission delay, the actual packet transmission rate and other indicators reached the industry level. And has been through X86, SW, FT and other platforms for authoritative testing and application, the overall show excellent performance.

Key Features

1. PCI Express V2.1 X1 Single Port Gigabit Ethernet Network Adapter;
2. Compatible with PCIe X4, X8 and X16 at the same time and PCIe V1.1 downward;
3. Net-swift WX1860 main controller;
4. It is widely used in network communication of enterprises and institutions, and can also be used in PC server, embedded and other network equipment.

Specifications

Controller	Net-swift WX1860
Baffle Height	Full-height & half-height bracket
Power Consumption	2.5W
System Support	Windows 10/11
	Windows Server 2008 R2/2012 R2/2016 R2/2019 R2
	CentOS / RHEL 6.6 ~ 7.4
	iKuai 3.6.4
	Ubuntu 14.04/16.10
Bus Type	PCIe v2.1 x1, compatible with x4/x8/x16
Data rate per port	100/1000MbE
Connector	1*1G RJ45

Technical Features

Protocol Support	IEEE 802.3ab 1000BASE-T Ethernet IEEE 802.3u 100BASE-TX Ethernet IEEE 802.3az - Energy Efficient Ethernet (EEE) IEEE 802.3z IEEE 802.1Q VLANs IEEE 802.3x IEEE 1588
iSCSI	No
WoL	Yes
Jumbo Frames	Yes
DPDK	Yes
PXE	Yes
FCoE	No

Environment Features

Operating Temperature	0 °C to 55 °C (32°F to +131°F)
Storage Temperature	-40 °C to 85 °C (-40°F to 185°F)
Storage Humidity	Maximum: 90% non-condensing relative humidity at 35 °C

Physical Features

Size(mm)	76.6*120*21
Weight(g)	*

LED Indicators

LED Indicators	1000Mbps: Yellow Link + Green Blink
	100Mbps: Green Blink
	10Mbps: No Blink

Order Information

P/N	Description
LRES2034PT	PCIe x1 Single-port Gigabit Copper Ethernet Network Adapter (Net-swift WX1860 Based)

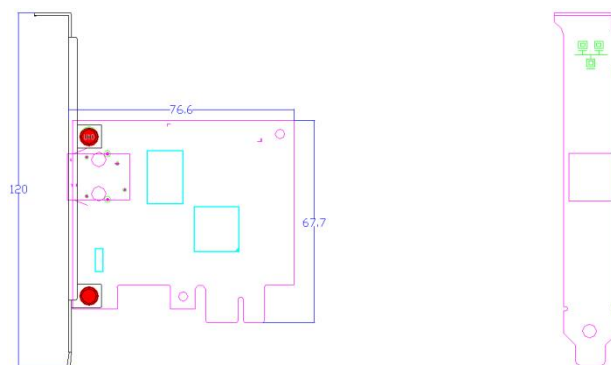
PS: Above details are only for reference, if there is any change, no prior notice.

Product Structure



1. 1*1G RJ45 Interface
2. PCIe v2.1 x1 Bus

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Companion Products

Fiber NIC

- § 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-SX/LX Server Adapter
- § LR-LINK PCIe 25GBASE-SX/LX Server Adapter
- § LR-LINK PCIe 40GBASE-SX/LX Server Adapter
- § LR-LINK PCIe 100GBASE-SX/LX 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 100/1G/10Gbps Server Adapter
- § LR-LINK PCIe 1G/2.5G/5G/10Gbps Server Adapter

Download Drivers

To get the drivers, please visit us at <http://www.lr-link.com/support/driver.html>.

Product Quick Guide

To know the network card basic knowledge to choose the suitable NIC you need, please visit us at: <http://www.lr-link.com/productchoose.html>.

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. <http://www.lr-link.com/contactus.html>

Shenzhen Lianrui Electronics Co.,LTD.

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

Declaration

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

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