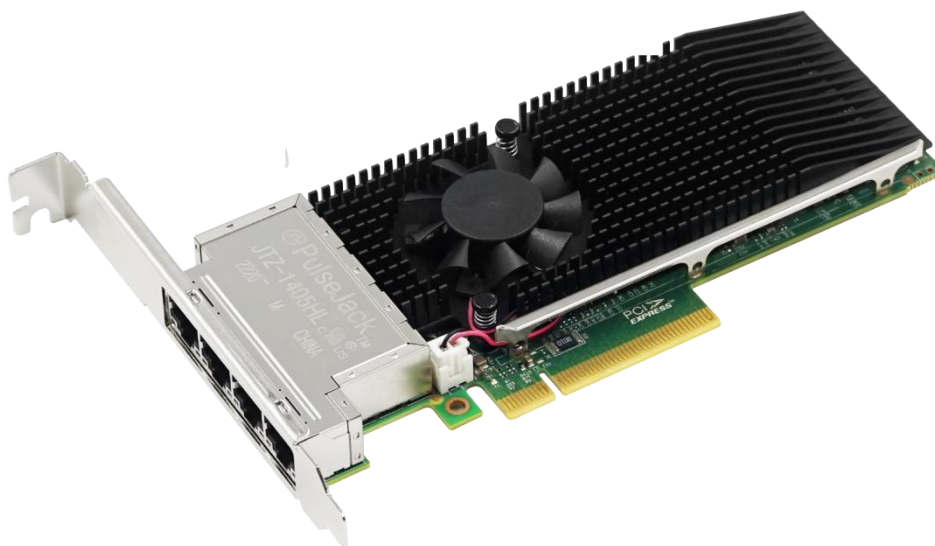


LREC9804BT

—PCIe x8 Quad-port copper 10G Ethernet Network Adapter (Intel XL710)

Overview



LREC9804BT is a quad-port copper 10G ethernet network adapter by Linkreal CO.,LTD. Based on the Intel XL710 main control solution., and is compatible with PCIe x16 channels.This adapter is mainly designed for servers and their application equipment, and is also suitable for common servers.

LREC9804BT is developed based on Intel quad-port 10G multi-rate Ethernet MAC+PHY (Media Access Controller and Physical Interface Transceiver) controller. While adapting to multiple rates, it also greatly reduces power consumption to bring better performance.

Key Features

1. 10G quad-port Ethernet network adapter based on Intel XL710 main control solution
2. With a rate of 10G.

Specifications

Controller	Intel XL710
Cable medium	Copper
Fiber Type	10GBase-T: Cat 6A up to 100m, Cat 6 up to 55m
	100MBase-T & 1000MBase-T: Cat 5e or Higher up to 100m
Bracket Height	Full Height & Low Profile
Power (min)	22.65W
Power (max)	23.52W
System Support	Windows 7 /8 /8.1 /10
	Windows Server 2012 /2012 Core
	Windows Server 2012 R2 /2012 R2 Core
	Windows Server 2016 /2016 Core
	Windows Server 2008 R2 /2008 R2 Core
	Linux Stable kernel version 2.6.32/3.*
	RHEL/CentOS 6.5/7.0
	Linux SLES 11 SP3 /SLES 12
	FreeBSD 9 /10
	UEFI 2.1/2.3
	VMware ESXi 5.5
Bus Type	PCIe 3.0 (8.0GT/s) x8; compatible with x16
Data rate per port	100MbE/1GbE/10GbE
Connector	4*10G RJ45

Technical Features

Protocol Support	IEEE 802.3ae 10GBase-X IEEE 802.3an 10GBASE-T Ethernet IEEE 802.3bz 2.5/5GBASE-T Ethernet IEEE 802.3ab 1000BASE-T Ethernet IEEE 802.3u 100BASE-TX Ethernet IEEE 802.3az - Energy Efficient Ethernet IEEE 802.3z
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	IEEE 802.1Q VLANs IEEE 802.3x IEEE 1588
PXE	No
DPDK	Yes
WOL	No
iSCSI	No
Jumbo Frames	Yes
FCoE	No
UEFI	Yes

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
Certification	FCC, CE, RoHS

Physical Features

PCB Size(L x W x H)	161*67.95*1.6 mm
Package Size(L x W x H)	222*147*28 mm
Weight(g)	*

LED Indicators

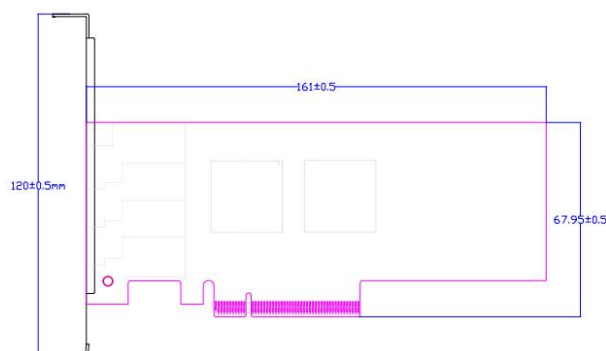
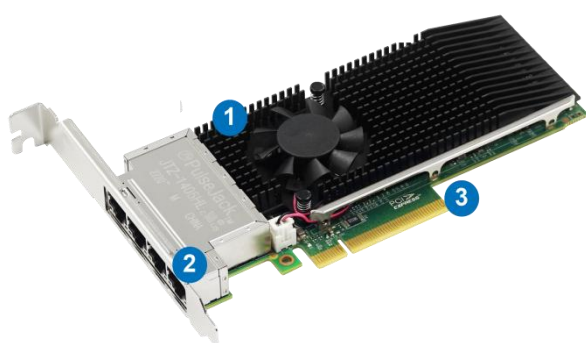
10G	LINK	Green Link + Green Link
	ACT	Green Link + Green Blink
1G	LINK	Orange Link + Green Link
	ACT	Orange Link + Green Blink
100M	LINK	Green Link
	ACT	Green Blink

Order Information

P/N	Description
LREC9804BT	PCIe x8 Quad-port copper 10G Ethernet Network Adapter (Intel XL710)

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

Product Structure



1. Heat sink
2. 4*10G RJ45+
3. Golden fingers

PS: The picture is for reference, and the actual product shall prevail.

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, manufacturedby 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, 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.

Linkreal CO.,LTD.

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The logo for LR-LINK, featuring the letters 'LR' in a large, bold, blue font, followed by 'LINK' in a slightly smaller, bold, blue font.

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