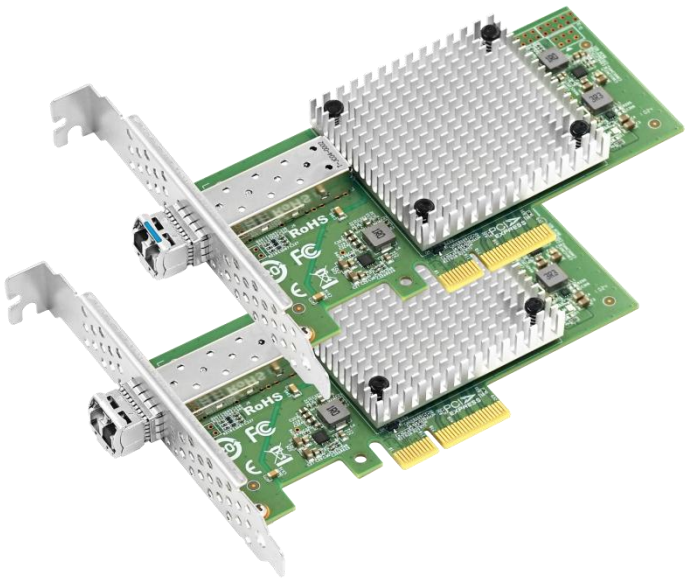
LRES1050PF-SFP+-TXRX

PCIe x4 10G Single-port Ethernet Network Adapter (mucse N400L-X4 Based)



Key Features：

- Support PCIe Gen 2.0x4;
- Equipped with 1 10G SFP+ interface, supporting 1Gbps and 10Gbps data transmission rates;

Overview

LRES1050PF-SFP+-TXRX is a PCIe2.0 x4 10G SFP+ single-port Ethernet network adapter developed by Linkreal Co., Ltd. based on the N400L-X4 master control scheme. It supports 1Gbps and 10Gbps data transmission rates, and is compatible with PCIe x8 and PCIe x16 slots. This adapter realizes 100% localization of materials and chips, improves the independent controllability of the product, and ensures the security and reliability of the product, in line with the national information security strategy requirements.It has rich and diverse functions, including network packet offloading, virtual SR-IOV application and PXE remote network start-up, etc., which meets the network needs in different scenarios.Whether in network security equipment, industrial application host, or in servers, desktops and embedded network devices and other fields, LRES1050PF-SFP+-TXRX can show its efficient, stable and reliable performance, providing users with excellent network connection experience.

Specifications

Model	LRES1050PF-SFP+-TXRX
Controller	mucse N400L-X4
Cable medium	Optical fiber
Fiber Type	10G Base-SR、10G Base-LR
Bracket Height	Low Profile & Full Height
Min Power(w)	4.152W
Max Power(w)	4.908W
Connector	1 * 10G SFP+
Bus Type	PCIe v2.0 (5.0GT/s) x4; x8, x16 compatible
Data rate per port	1G/10Gbps
Power Supply	PCIe
Protocol Support	IEEE 802.1P IEEE 802.1Q IEEE 802.2 IEEE 802.3ac IEEE 802.3az IEEE 802.3x IEEE 802.3z IEEE 802.3ad
PXE	Yes
WoL	No
UEFI	Yes
SR-IOV	Yes
1588 PTP	Yes
Jumbo Frames	9.5KB
System Support	* RHEL/Centos7.6/7.9/8.2/8.3 * Deepin 20/ 20.6/ 20.9(deepin) * Ubuntu 18.04.5/20.04.1 * Ubuntu 22.04.2/22.04.3 * ZTE New Fulcrum 3.2.2/5.0.5 * Galaxy Unicorn v10 * NeoKylin 7.6 * Zhongke Fangde desktop operating system 4.0 * Zhongke Fangde server operating system * Tongxin UOS 20 * Emind OS * OpenKylin 0.7.5

LED Indicators

10G	Connection Status	Green Link + Green Link
	Transfer status	Green Link + Green Blink
1G	Connection Status	Orange Link + Green Link
	Transfer status	Orange Link + Green Blink

Environment Features

Operating Temperature	0℃ to 50℃ (32 ℉ to 122 ℉)
Storage Temperature	-40 ℃ to 85 ℃ (-40℉ to 185 ℉)

Storage Humidity	Maximum: 90% non-condensing relative humidity at 35 ℃
Certification	FCC，CE，RoHS

Physical properties

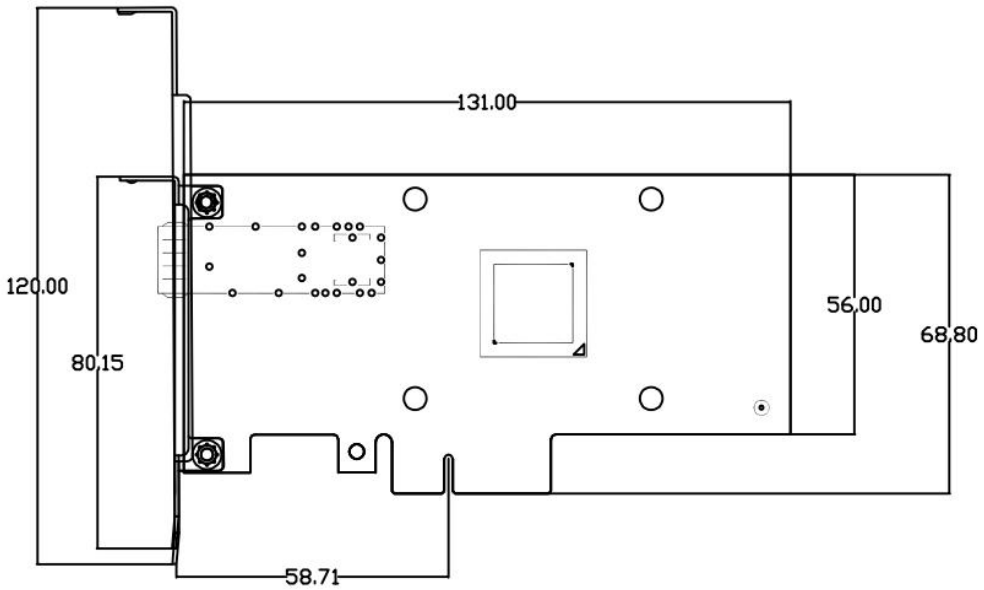
PCB size(unit:mm)	131*68.8*1.6
Package size (unit: mm)	222*147*28

Packing List

Bracket	Full bracket(installed) and Low Profile
Internet Network Adapter	*2
Module:LRGP1312-20ATL-TX	*1
Module:LRGP1312-20ATL-RX	*1
Product Warranty Card	*1
Packaging	Carton + Blister Box

PS: The depictions provided of our products are not to scale and are intended for illustrative purposes only.

Dimensions(unit: mm)



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