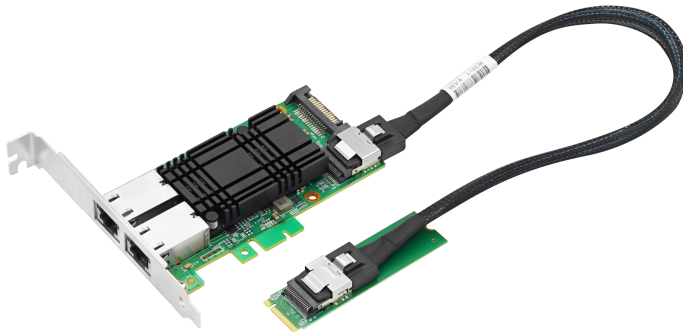


LRES2050PT-2RJ45

10G Dual-port to SFF-8087/M.2 Ethernet Network Adapter(Intel X550 Based)

FC CE RoHS

Key Features:

- PCIe3.0 with 8.0 Gt/s
- Equipped with two RJ45
- 10G/5G/2.5G/1G/100Mbps
- Support up to 9.7KB jumbo frames

Overview

LRES2050PT-2RJ45 is a 10G Dual-port to SFF-8087/M.2 Ethernet Network Adapter developed based on Intel X550 master solution. It provides a more flexible network expansion solution for industrial automation systems by directly converting two RJ45 ports through the M.2 interface without taking up valuable PCIe slots. The adapter not only provides high-speed and stable data transmission capability, but also ensures the reliability and compatibility of the network connection, meeting the strict requirements of real-time, accuracy and efficiency in the industrial automation field. Whether it is data transmission in production lines, remote monitoring of equipment or centralised management of systems, the LRES2050PT-2RJ45 is an indispensable network connectivity solution for industrial automation, as it can help companies optimise their production processes with its practical, efficient and reliable performance.

Specifications

Model	LRES2050PT-2RJ45	
Controller	Intel X550	
Cable medium	copper	
Fiber Type	10GBASE-T,1000BASE-T,100BASE-TX,NBASE-T	
Bracket Height	Low Profile & Full Height	
Connector	2*RJ45+ M.2 Interface	
Bus Type	PCIe3.0 (8.0GT/s) x4	
Data rate per port	10Gbps/5Gbps/2.5Gbps/1000Mbps/100Mbps	
Power Supply	15Pin SATA power socket	
Protocol Support	IEEE 802.3an, IEEE 802.3ab IEEE 802.3u IEEE 802.3bz IEEE 1588 IEEE 801.1Q (VLAN) IEEE 802.3az Energy Efficient Ethernet (EEE)	
System Support	* Windows 7/8.1/10/11 * Windows Server 2012/2016 * Windows Server 2019/2022 * RHEL/Centos7.6/7.9/8.2/8.3/9.0 * Deepin 15.11/20/20.6/20.9 * Ubuntu 16.04.3/18.04.5/20.04.1 * Ubuntu 22.04.2/ 22.04.3 * SUSE 12.5/15.2 * FreeBSD 12.2/13.2 * NewStart Desktop OS 4.5.2 * NewStart Server OS 6.0.6 * Galaxy Unicorn v10	* OpenKylin 2.0 * NFS-CHINA Desktop OS 5.0 * NFS-CHINA Server OS 4.0 * UOS 20 * YMOS * Rockey 9.4 * OpenEuler 24.03 * Debian 12.5.0 * FusionOS 22.0.6/23.0.6 * VMware ESXi 6.7/7.0/8.0 * iKuai router
PXE	Yes	
DPDK	Yes	
SR-IOV	Yes	
1588PTP	Yes	
UEFI	Yes	
WoL	No	
Jumbo frame	9.7KB	

LED indication

100Mbps/1Gbps/2.5Gbps/5Gbps	Connection Status	Orange Link + Green Link
	Transfer status	Orange Link + Green Blink
10Gbps	Connection Status	Green Link + Green Link
	Transfer status	Green Link + Green Blink

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 properties

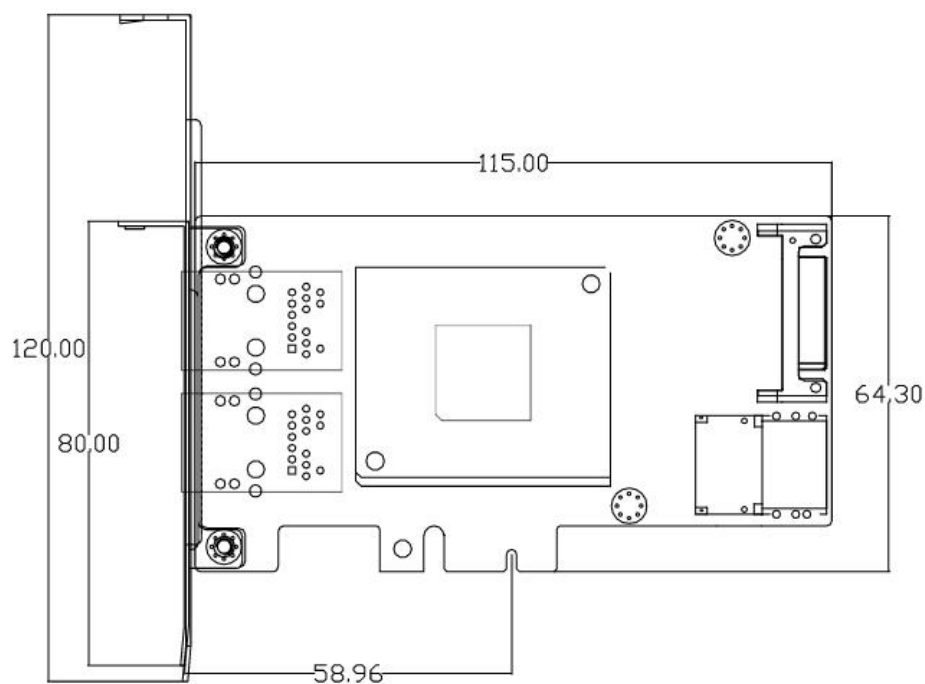
PCB size(unit:mm)	115*64.3*1.6
Package size (unit: mm)	179*150*30

Packing List

Bracket	Full bracket(installed) & Low Profile
Ethernet Network Adapter	*1
SFF8087 connecting cable	*1
M.2 M Key Interface Board	*1
Product Warranty Card	*1
Packaging	Carton + Blister Box + Anti-static Bag

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

Dimensions



Linkreal Co., Ltd.

14F T10 Bldg., Sino-Ocean New World, Longcheng
Street, Longgang District Shenzhen China 518172

☎ (+86)755-84507909
✉ service@lr-link.com
🌐 www.lr-link.com

