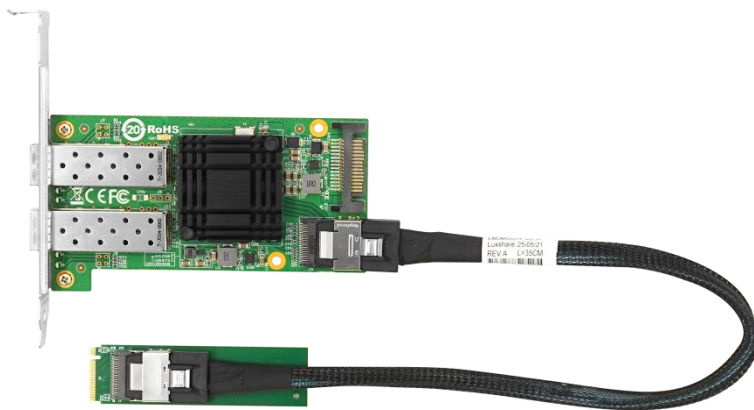


LRES2130PF-2SFP+ 10G Dual-port to SFF-8087/M.2 Ethernet Network Adapter (Mellanox X3 Based)



Product Features

- Two 10/1GbE port
- Save PCIe slots.
- Support RDMA function



Product Description

The LRES2130PF - 2SFP+ is an M.2 to dual port 10G Ethernet network adapter developed based on the Mellanox master control solution. Its design aims to meet modern network connection requirements, offering reliable and high speed network connectivity while enhancing the compatibility of network devices. By converting the M.2 interface to two 10G Ethernet port, it doesn't need to occupy the precious PCIe resources on the motherboard. It can easily adapt to high speed network environments without the need for cumbersome hardware upgrades or changes. This adapter supports RDMA technology, enabling zero copy data transfer. With low latency and high throughput data transmission, it significantly boosts network performance and remarkably improves network transmission efficiency. Whether in an enterprise data center or a personal computer, the adapter can provide a stable and efficient network connection to meet various user needs.

In conclusion, the LRES2130PF - 2SFP+ is a flexible and user friendly network adapter suitable for all scenarios requiring high speed and reliable network connections.

Technical Specifications

Model	LRES2130PF-2SFP+	
Controller	Mellanox	
Cable medium	Optical Fiber	
Fiber Type	1000BASE-SX、 1000BASE-LX	
	10GBASE-R	
Bus Type	PCIe v3.0 (8.0GT/s) x4; M.2 interface	
Data rate	1Gbps;10Gbps	
Connector	2*10G SFP+	
Power supply	15PIN SATA power socket	
Operating System Support	* Windows 10/11 * Windows Server 2012/2016 * Windows Server 2019/2022 * Deepin 15.11/20/20.6/20.9 * VMware ESXi 6.5 /6.7 /7.0 * Galaxy Unicorn V10 * NeoKylin 7.6 * RHEL/CentOS 7.3/7.6/7.9/8.2 * Ubuntu 16.04.3/18.04.5 * Ubuntu 20.04.1/22.04.2 * SUSE 12.5/15.4 * ZTE New Fulcrum 5.0.5/3.2.2 * Asianux Server V7.0 * Zhongke Fangde desktop operating system 4.0 * Zhongke Fangde server operating system * Emind OS * Mikrotik * iKuai router	
PXE	Yes	
WoL	No	
UEFI	No	
Jumbo Frames	Yes	
IEEE 1588	Yes	
SR-IOV	No	
RDMA	Yes	
Jumbo Frame(max)	9.5KB	
Protocol Support	IEEE 802.3ae 10 Gigabit Ethernet over fiber IEEE 802.1Q VLAN IEEE 802.3AD IEEE 802.3AZ IEEE P802.1Qaz IEEE Std 802.1Qau IEEE P802.1Qbb	

LED indication

1Gbps	LINK	Green Link
	ACT	Green Blink + Green Link
10Gbps	LINK	Green Link
	ACT	Green Blink + Green Link

Working parameters

Operating Temperature	0℃ to 55℃ (32℉ to 131℉)
Storage Temperature	-40℃ to 70℃ (-40℉ to 158℉)

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

Physical properties

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

Packing list

Network card	*1
adapter board	*1
80cm SFF8087 connecting cable	*1
Product warranty card	*1
Packing	Carton + Static bag + Blister box

* Product appearance and specifications are subject to change without notice.

Dimensions(unit:mm)

