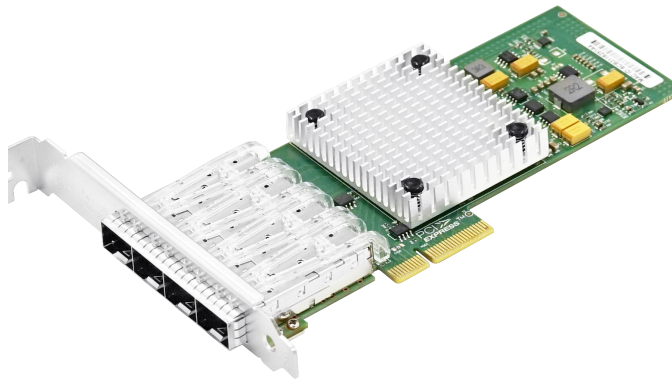


LREC9714HF-4SFP

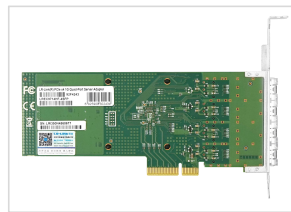
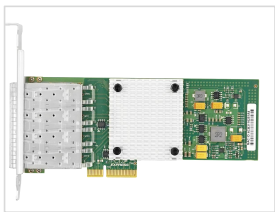
Intel I350 Based

PCIe x4 Quad-port Gigabit SFP Ethernet Network Adapter



Key Features:

- Based on Intel I350 main control development
- Equipped with four SFP optical ports, supporting 1G data transmission rate
- PCIe2.1 (2.5GT/s) x4; x8, x16 compatible
- IEEE1588 PTP support
- Jumbo Frames support



Overview

LREC9714HF-4SFP is a PCIe2.1 x4 quad-optical port Gigabit SFP Ethernet network adapter developed by Linkreal CO.,LTD. on the basis of Intel I350 main control program. The adapter is compatible with both PCIe x8 and x16 slots. The adapter is designed for servers and high-end devices, and is optimized for performance so that system I/O is no longer a bottleneck in high-end network applications. The LREC9714HF-4SFP is capable of achieving fault tolerance by bundling and aggregating into a group, and automatically detecting and routing traffic from failed ports to the other members of the same group for uninterrupted communication. The LREC9714HF-4SFP has an integrated hardware accelerator. The 4SFP features integrated hardware acceleration to perform TCP/UDP/IP checksum offloading and TCP segmentation tasks. Host processing technology offloads the gas pedal, freeing up CPU resource utilization to free up more CPU resources for other applications.

LREC9714HF-4SFP is an ideal solution for deploying multiple networks and for deploying critical network applications and environments on high-performance servers.

Specifications

Controller	Intel I350		
Cable medium	Fiber Optics		
Fiber Type	1000Base-SX、1000Base-LX、AOC		
Bracket Height	Low Profile & Full Height		
Min Power(w)	2.928W		
Max Power(w)	5.148W		
Connector	4 * 1G SFP		
Bus Type	PCIe2.1 (2.5GT/s) x4; compatible with x8, x16		
Data rate per port	1 G		
Power Supply	PCIe		
Protocol Support	IEEE 802.3z 1000BASE-X Gbit/s Ethernet IEEE 802.3x Full Duplex and flow control IEEE 802.3ad Link aggregation for parallel links IEEE 802.1Q VLAN IEEE 1588 IEEE 802.3az - Energy Efficient Ethernet (EEE)		
PXE	No		
UEFI	Yes		
DPDK	Yes		
WoL	No		
iSCSI	No		
Jumbo Frames	Yes		
SCAN CHAIN	No		
SR-IOV	Yes		
1588 PTP	Yes		
System Support	<ul style="list-style-type: none"> * Windows 7 /8 /8.1 /10 /11 * Windows Server 2008 /2012 /2016 /2019 /2022 * Deepin 15.11 /20 /20.6 /20.9 * VMware ESXi 6.5 /6.7 /7.0 * Galaxy Unicorn v10 * NeoKylin 7.6 * OpenKylin 0.7.5 * RHEL/CentOS 7.6 /7.9 /8.2 /8.3 * Ubuntu 16.04.3 /18.04.5 /20.04.3 /22.04.2 * SUSE 12.5 /15.4 * FreeBSD 12.2 /13.2 * ZTE New Fulcrum 3.2.2 /5.0.5 * Tongxin UOS 20 * Asianux Server v7.0 * Zhongke Fangde desktop operating system 4.0 * Zhongke Fangde server operating system * Emind OS * iKuai router 		
LED Indicators	1G	LINK	Orange Link + Orange Link
		ACT	Orange Link + Orange Blink

Environment Features

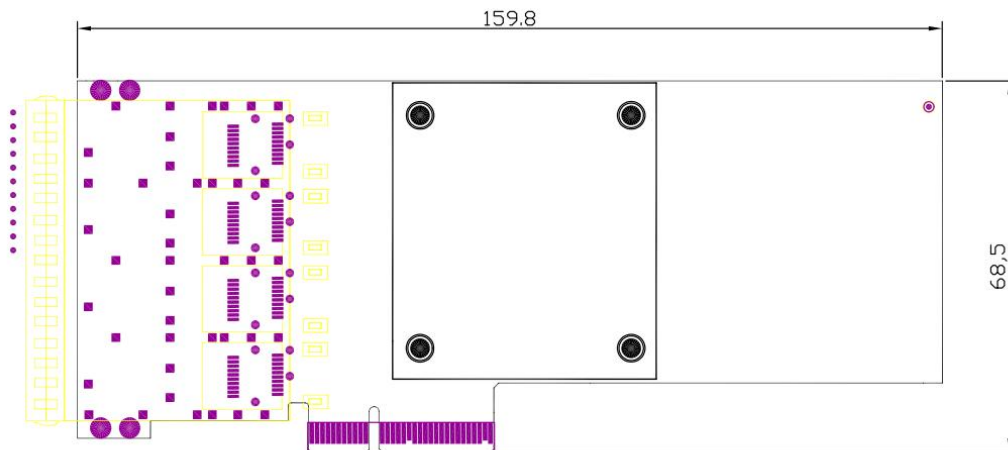
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Humidity	Maximum: 90% non-condensing relative humidity at 35 °C
Certification	FCC, CE, RoHS

Packing List

Bracket	Fitted with full height, equipped with low profile
Internet Network Adapter	*1
Product Warranty Card	*1
Packaging	Carton + Blister Pack

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

Product Structure



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