LRES1059PT
PCIe x1 2.5G Single-port Desktop Adapter (Intel I226V Based)

FC CE RoHS

Product Features

-Support PCIe 3.1(5.0GT/s) x1;
- Support cross detection and automatic correction;
- Support IEEE 1588 PTP clock synchronization;
-Support 10/100/1000/2500Mbps network adaptation.

Product Description

LRES1059PT is a PCIe x1 2.5G Single-port Desktop Adapter developed by Linkreal Co., Ltd. based on Intel master control scheme. This adapter provides better network performance than gigabit network for high quality network requirements such as home network, home storage, online games and other applications. Solve in do not need to link but the use of gigabit can not be satisfied with the occasion.

By using the card to add a 2.5G speed network link port on the computer, to achieve faster than gigabit network speed, better cost-effective network card; It can be widely used in household storage, industrial computer, embedded computer, single board computer, digital multimedia and other applications.

Technical Specifications

Model	LRES1059PT
Controller	Intel KTI226V
Cable medium	Copper
Fiber Type	NBase-T
Bracket Height	Low Profile & Full Height
Power (max)	2.0W
Bus Interface	PCIe v3.1 (5.0GT/s) x1; compatible with x4, x8, x16
Data rate per port	10/100/1000/2500Mbps
Connector	1*RJ45
Power Supply	PCIe
Operating System Support	* Windows 10/11 * openKylin 0.7.5 * Deepin 20.9 * Mikrotik * Ubuntu 20.04.1/22.04.2 * ikuai
PXE	No
WoL	Yes
Jumbo Frames	Yes
SR-IOV	No
IEEE 1588	Yes
UEFI	Yes
Jumbo Frame(max)	9.2KB
Protocol Support	IEEE 802.1bz 2500BASE-T Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3x

LED indication

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

Working parameters

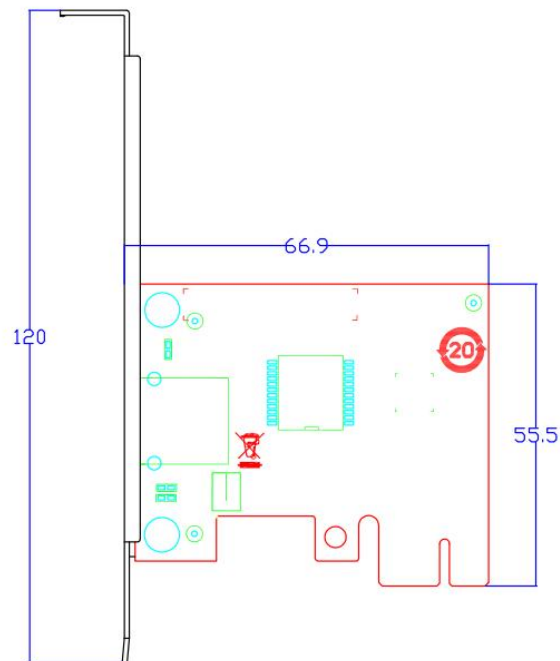| Operating Temperature	0℃ to 70℃ (-32 ℉ to 158 ℉)
Storage Temperature	-40 ℃ to 85 ℃ (-40 ℉ to 185 ℉)
Storage Humidity	Maximum: 90% non-condensing relative humidity at 35 ℃
Certification	FCC, CE, RoHS

Physical properties

PCB size(unit:mm)	64.9*55.5*1.6
Package size (unit: mm)	179*150*30

Packing list

Baffle specifications	Full bracket(installed) and Low Profile
Network card	*1
Product warranty card	*1
Packing	Carton and Blister box

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

Dimensions

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