

LRES3019PT-OCP

OCP3.0 Quad-port 1G Ethernet Network Adapter

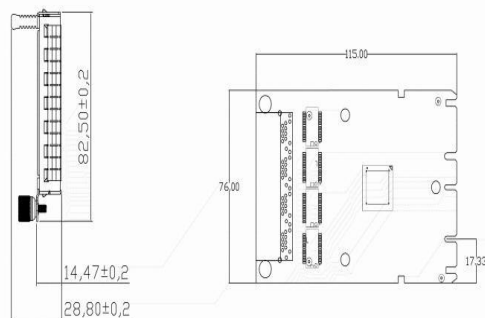


Key Features:

- PCI Express 2.0 x4
- Quad-port RJ45 interfaces
- Support 1000/100/10Mbps
- Support SR-IOV
- Support NCSI
- Support SMBus monitor temperature
- Support ScanChain
- Support Jumbo frames 9.2K

Overview

LRES3019PT-OCP is an OCP3.0 SFF Quad-port Gigabit Ethernet network adapter independently developed by Linkreal Co., Ltd. based on WX1860A4 master control solution. The network card features a fully integrated gigabit Ethernet Media Access Control (MAC) and physical Layer (PHY) module. It is widely used in the network communication of enterprises and institutions, and can also be used on network devices such as PC servers and embedded devices. It is widely used in the network communication of enterprises and institutions, and can also be used on network devices such as PC servers and embedded devices. Data transmission, data network bandwidth, average transmission delay, actual packet transmission rate and other indicators have reached the mainstream level of the industry. And through X86, Sunway, Longteng, Longxin, Zhaoxin and other platforms for authoritative testing and application, overall showing excellent performance.



Dimensions(unit:mm)

Product Specifications	
Model	LRES3019PT-OCP
Controller	WX1860A4
Adapter Type	OCP 3.0
Form Factor	SFF
Host Connector	PCIe2.0 x4
Connectors	RJ45
Port	Quad
Link Speed	1000/100/10Mbps
FW Version	0xb081001b
Protocol Support	IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3az Energy Efficient Ethernet (EEE) IEEE 802.1Q VLAN IEEE 802.1AS IEEE 802.1Qau IEEE 802.1p IEEE 802.1Qbg Virtual Bridging IEEE 802.1Qbb Priority Flow Control
Functional Support	
PXE/UEFI	Yes
NCSI	Yes
WoL	Yes
SR-IOV	Yes
1588 PTP	Yes
SMbus	Yes
FRU	Yes
ScanChain	Yes
Hot Swap	Yes
Jumbo Frames	9..2KB

Power Consumption		
2.34W (Max)		
LED Indicators		
LED Type	Color/Behavior	Note
Speed	Off	Link at 10Mbps
	Amber	Link at 100Mbps
	Green	Link at 1Gbps
Link/Act	Off	No link
	Green	Link
	Green (blink)	Link up(traffic flowing)
Supported Physical Layer Interfaces		
10Base-T	100Base-T	1000Base-T
Supported Systems		
OS	<ul style="list-style-type: none"> Windows Window Server Deepin RHEL/Cent OS Ubuntu Fusion OS Kylin OS iKuai router NeoKylin 	<ul style="list-style-type: none"> VMware ESXi NewStart OS UOS Fangde OS OpenEuler Galaxy Unicom v10 YMOS Fangde Desktop OS
Technical Specifications		
Operating Temperature	0°C to 55°C	
Storage Temperature	-40°C to 70°C	
Storage Humidity	Maximum: 90% non-condensing relative humidity at 35 °C	
Certification	FCC, CE, RoHS	

Physical Properties	
PCB Size	115*76mm
Package Size	175*125*30mm
Packing List	
Internet Network Adapter	*1
Product Warranty Card	*1
Packaging	Carton +Blister box

*This document contains information about products, services, and/or processes under development. All information provided here is subject to change without prior notice and the actual product shall prevail.

