

# LAN4350L

Quad port 1G BASE-T Network  
PCIe Card

## Introduction

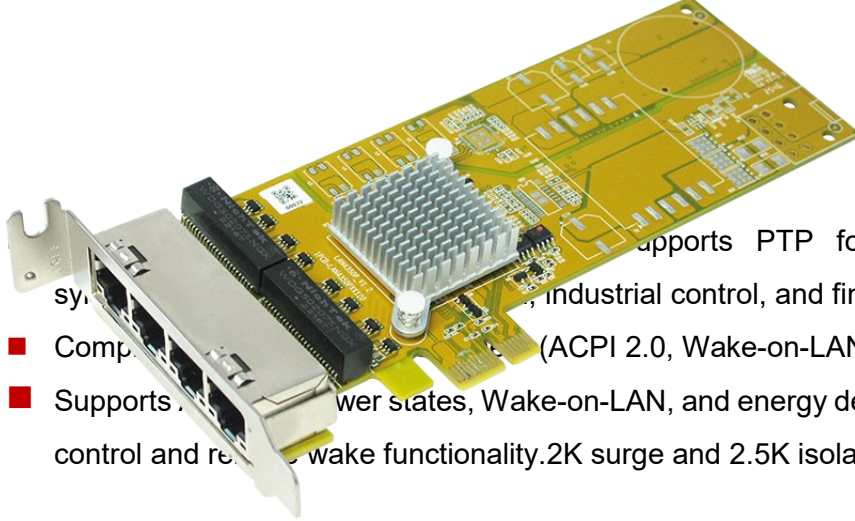


SUNIX LAN4350L is PCI Express Quad-Port RJ45 Ethernet Adapter is powered by the Intel I350 controller, delivering stable and efficient 1GbE connectivity across four independent network interfaces. Designed for compatibility with PCIe Gen2 platforms, it provides reliable data throughput suitable for enterprise servers, networking equipment, industrial systems, virtualization, and multi-segment network deployments.

SUNIX LAN4350L integrates advanced networking features such as multi-queue support, hardware offloads, traffic steering, virtualization enhancements, and improved high-PPS packet handling, helping reduce CPU utilization and optimize overall network performance. With intelligent power-saving capabilities and broad operating system compatibility, this adapter is an ideal solution for data centers, embedded platforms, and robust network infrastructures.

## Feature

- Quad-Port 1GbE Controller, Provides four independent Gigabit Ethernet ports, ideal for server, industrial, and embedded networking applications.
- PCI Express Gen 2 (x1) Interface
- Supports Single Root I/O Virtualization (SR-IOV) and Virtual Machine Device Queues (VMDq) to improve packet handling efficiency and traffic isolation in virtualized environments.
- Energy Efficient Ethernet (IEEE 802.3az), Reduces power consumption during low network activity or idle states, enhancing energy efficiency for always-on systems.
- Advanced Offload Capabilities, Includes hardware offloads such as TCP/UDP/IP checksum offload, Large Send Offload (LSO), and Receive Side Scaling (RSS) to reduce CPU utilization.



supports PTP for hardware-based precise time sy. , industrial control, and financial systems.

- Comp. (ACPI 2.0, Wake-on-LAN)
- Supports .wer states, Wake-on-LAN, and energy detection features for efficient power control and re. wake functionality.2K surge and 2.5K isolation input to output.

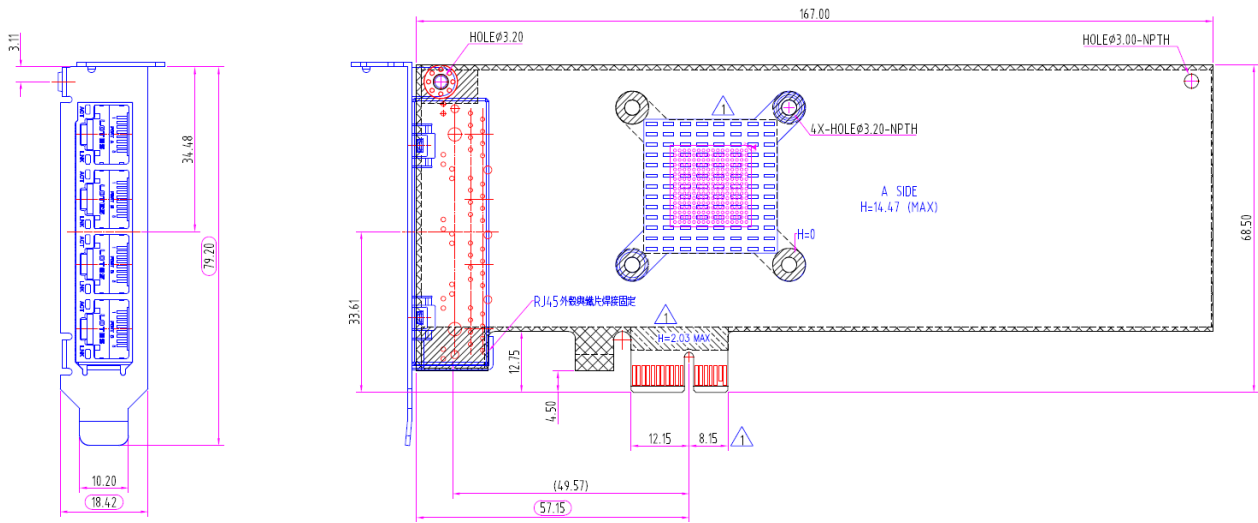
## Specifications

<b>Model</b>	LAN4350L		
<b>Description</b>	4 ports 1G Network PCIE Card		
<b>Chipset</b>	Intel I350		
<b>Interface</b>	PCI Express Gen2 x1		
<b>Port</b>	RJ45 (1 GbE) x 4		
<b>Standard</b>	IEEE 802.3 Ethernet interface for: 1000BASE-T, 100BASE-TX, and 10BASE-T applications (802.3, 802.3u, and 802.3ab)		
<b>Network Media</b>	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) 1000Base-T: UTP category 5, 5e cable (maximum 100m)		
<b>Data Rates</b>	10/100/1000Mbps		
<b>LED Indicator</b>	<b>LED</b>	<b>Green LED</b>	<b>Yellow LED</b>
	<b>10/100M/s</b>	Blinking	N
	<b>1000M/s</b>	ON	N
<b>O.S Support</b>	Windows 10、11(X86/X64) Linux 5.8 and above		
<b>Environment</b>	Operation temp. 0 °C ~ 60 °C (32-104°F) Operation humidity: < 85% non-condensing Storage temp. -10 °C ~ 85 °C (14~176°F)		
<b>Regulatory Approvals</b>	CE, FCC, VCCI, BSMI RoHS		

## Dimension

<b>PCB Dimension</b>	167X 68.5X 1.6 mm
<b>Bracket</b>	Low Profile 80 mm
<b>Bracket Space</b>	1

## Mechanical Drawing



## Packing List

- LAN4350L - Quad port 1G BASE-T Network PCIE Card