



LAN4350P

Quad port 1G BASE-T Network
802.3AT POE PCIE Card



Introduction

SUNIX LAN4350P is a PCI Express Quad-Port RJ45 Ethernet Adapter powered by the Intel I350 controller, delivering stable and efficient 1GbE connectivity across four independent network interfaces. Designed for PCIe Gen2 platforms, it is ideal for enterprise servers, industrial systems, surveillance, and embedded networking applications.

The LAN4350P also features integrated PoE power output on each RJ45 port. When connected to an external 8-pin PCIe power source, it supports PoE+ power delivery across all four ports for devices such as IP cameras, access points, and VoIP equipment. Without external power, the card can still provide PoE power through the PCIe bus supply, offering flexible deployment options for various system environments.

Feature

- Compatible PCI express Gen2 x 1 .
- MDI (Copper) standard IEEE 802.3 Ethernet interface for 1000BASE-T, 100BASE-TX, and 10BASE-T applications (802.3, 802.3 and 802.3ab)
- Advanced Configuration and Power Interface (ACPI) power management states and wake-up capability
- Advanced Power Management (APM) wake-up functionality
- Support IEEE 802.3at/af
- 2K surge and 2.5K isolation input to output.

Specifications

Model	LAN4350P														
Description	4 ports 1G Network POE PCIE Card														
Chipset	Intel I350														
Interface	PCI Express Gen2 x1														
Port	RJ45 (1 GbE) x 4														
Standard	<ul style="list-style-type: none"> IEEE 802.3 Ethernet interface for: 100BASE-T, 100BASE-TX, and 10BASE-T applications (802.3, 802.3u, and 802.3ab) IEEE 802.3at/af 														
Network Media	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)														
Data Rates	10/100/1000Mbps														
LED Indicator	<table border="1"> <thead> <tr> <th>LED</th> <th>Green LED</th> <th>Yellow LED</th> </tr> </thead> <tbody> <tr> <td>10/100M/s</td> <td>Blinking</td> <td>N</td> </tr> <tr> <td>1000M/s</td> <td>ON</td> <td>N</td> </tr> <tr> <td>POE Link</td> <td>-</td> <td>Y</td> </tr> </tbody> </table>	LED	Green LED	Yellow LED	10/100M/s	Blinking	N	1000M/s	ON	N	POE Link	-	Y		
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POE Link	-	Y													
O.S Support	Windows 10 · 11(X86/X64) Linux 5.8 and above														
Environment	Operation temp. 0 °C ~ 60 °C (32-104°F) Operation humidity: < 85% non-condensing Storage temp. -10 °C ~ 85 °C (14~176°F)														
Regulatory Approvals	CE, FCC, VCCI, BSMI RoHS														

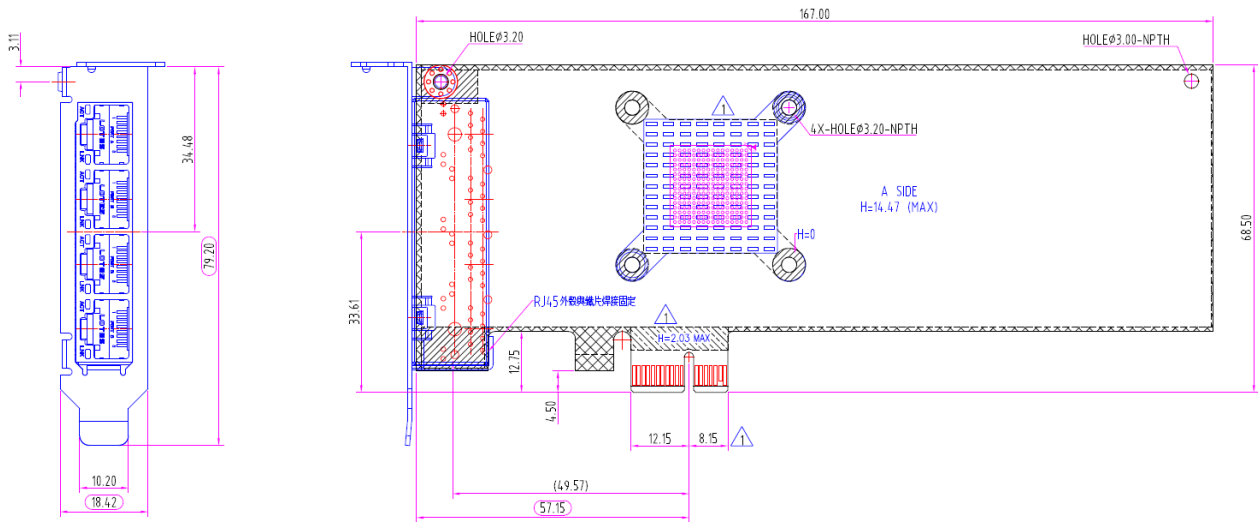
POE Specifications

POE+ Feature	<ul style="list-style-type: none">• Supports IEEE 802.3at/af Power Sourcing Equipment (PSE)<ol style="list-style-type: none">1. Power form GFC connector: 54 V (30W max)2. Power from PCIe bus: 44V (12.95 max)• Provides PD real-time protection through the following mechanisms: overload, under-load, over-voltage, over-temperature, and short-circuit.• Auto mode – allows turning PDs on and off automatically.
Power Input options	<ul style="list-style-type: none">• 2 power input options (Priority: PCIe(GFC) 8 pin power > PCIe bus power):<ul style="list-style-type: none">• PCIe(GFC) 8 pin power :12V• PCIe Bus: 12V

Dimension

PCB Dimension	167X 68.5X 1.6 mm
Bracket	Standard 120 mm
Bracket Space	1

Mechanical Drawing



Packing List

- LAN4350P - 4 port 1G BASE-T Network 802.3AT POE PCIE Card