ST Lab
The Best Connection !

N-314 PCIe 1-Port Gigabit Ethernet Adapter

Solution: Realtek RTL8111H

RJ45

PCIe 1.1

Realtek Solution

Wake-on-LAN



Introduction :

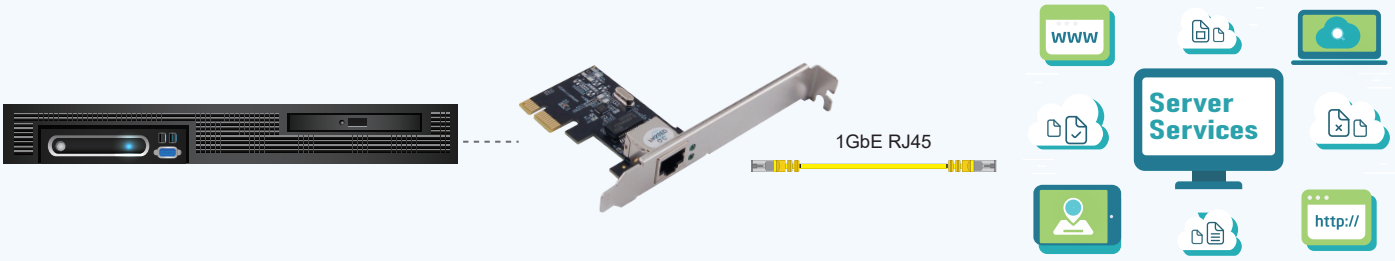
The N-314 PCIe 1-Port Gigabit Network Adapter provides reliable, high-speed wired connectivity for system integrators, industrial PC deployment, and enterprise infrastructure. Powered by the proven Realtek RTL8111H chipset, this expansion card utilizes a PCIe 1.1 x1 host bus interface to deliver full gigabit Ethernet performance through a single RJ45 port. Fully compliant with IEEE 802.3, 802.3u, and 802.3ab standards, it features support for Wake-On-LAN, IEEE 802.1Q VLAN tagging, and up to 9K jumbo frames to optimize network efficiency and data throughput. Integrated LED indicators provide real-time status for link connection and activity. It serves as an ideal solution for adding gigabit Ethernet capabilities to office PCs or implementing network isolation and teaming in industrial computing environments.

Features :

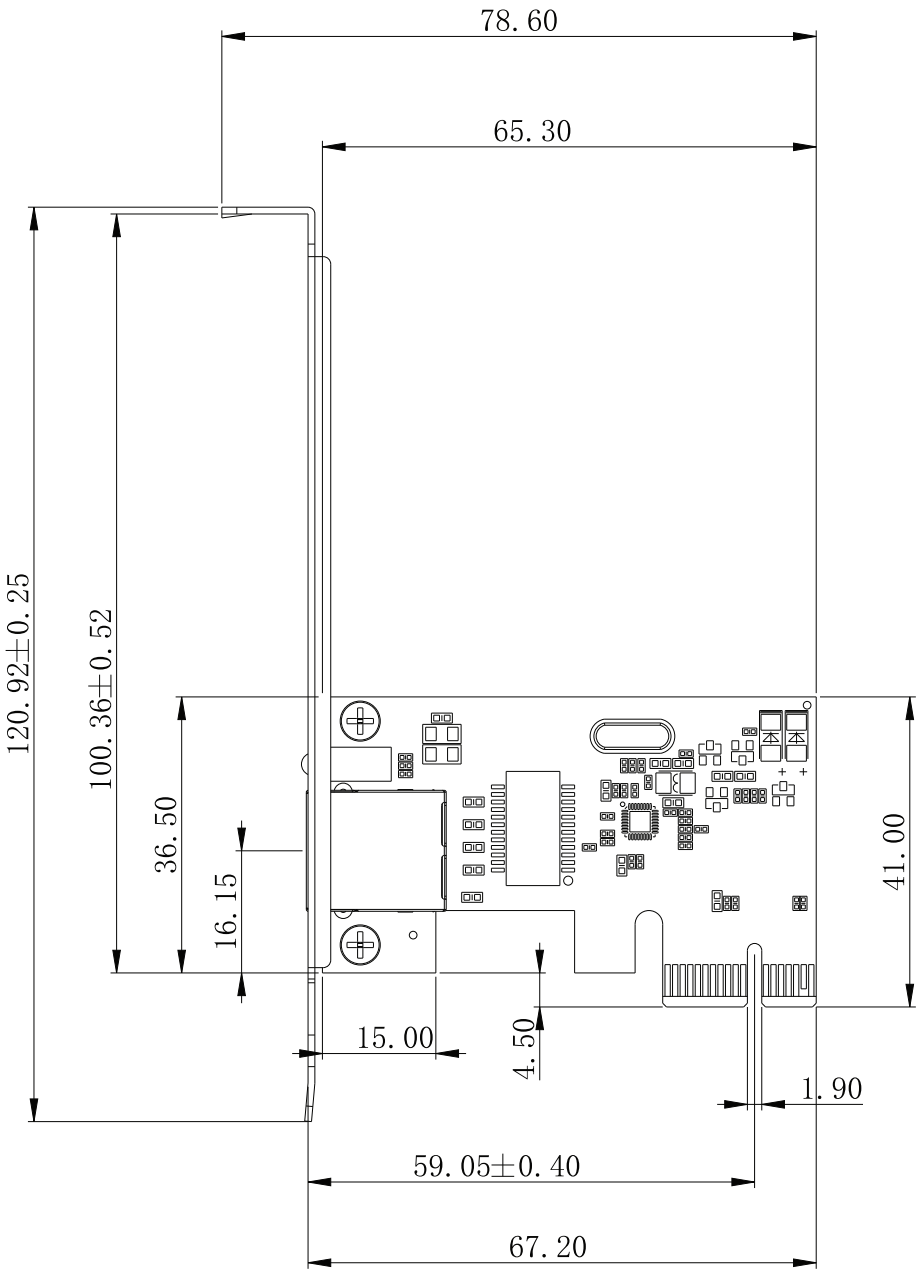
- Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- 10/100/1000M data auto-negotiation
- PCI Express 1.1 x1 Host Bus Interface
- LEDs indicate the status of data transmission
- Supports IEEE 802.1Q VLAN tagging
- Supports IEEE 802.3az (EEE Energy Efficient Ethernet)
- Supports Wake-On-LAN
- Supports up to 9K Jumbo Frames

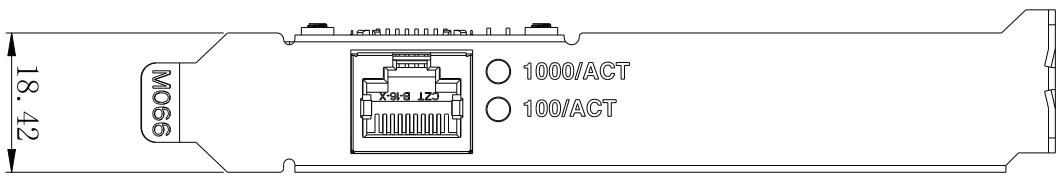
Specifications :

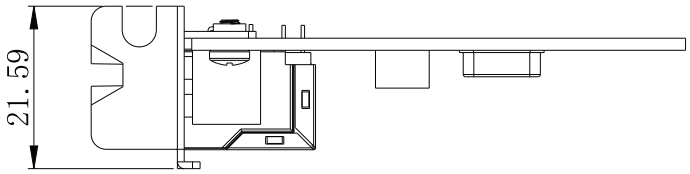
Ordering Code	N-314
Description	PCIe 1-Port Gigabit Ethernet Adapter
Solution	Realtek RTL8111H
Form Factor	PCIe 1.1 x1
Bus Width	x1 lane PCI Express
OS Driver Support	Windows XP/Vista/7/8/8.1/10/11 Windows Sever 2003/2008/2008 R2/2012/2022/2025 Linux kernel 2.4.20 or later
Connectors	1x 1GbE RJ45 Port
Data Rates	1Gbps/100Mbps/10Mbps Ethernet
Support Low-Profile Bracket	Yes
Operating Temperature	0°C – 55°C
Storage Temperature	-40°C – 70°C
EMC Standards	CE, FCC
Dimensions	78.6L x 120.9W x 21.6H mm
Package Contents	1x PCIe 1-Port Gigabit Ethernet Adapter 1x User Manual
Packing Information	Retail Box Packing 60 pcs/Carton Measurment: 54L x 52W x 40H cm G.W: 9.8 Kg ; N.W: 9 Kg



Dimensions :







ST Lab
The Best Connection !
Room 1302, 13/F., Eastern Centre,
1065, King's Road, Quarry Bay,
Hong Kong
INFO@SUNRICHTECH.COM.HK
+852 2556 1788
+852 2505 9637
SCAN ME