

1-Port Gigabit PCIe Network Adapter Card, PCI Express LAN Card, NIC, Realtek RTL8111H, Works with Windows and Linux, TAA Compliant

**Product ID:** ST1000SPEX2T



This TAA-compliant Gigabit Ethernet card adds a gigabit Ethernet interface to a desktop or server.

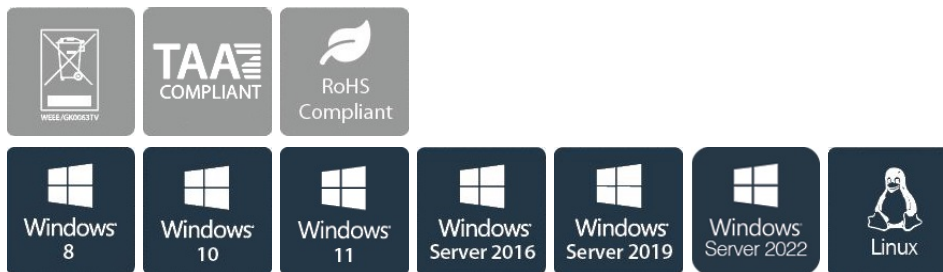
This 1-port network interface card is plug-and-play compatible, with drivers that auto-install on major operating systems such as Windows, Windows Server, and Linux. It is compatible with Intel and AMD hardware platforms equipped with PCI Express x1, x2, x4, x8, or x16 slots.

This network card features link speed and activity LED indicators for visual network speed verification and issue diagnosis.

This PCIe network adapter supports 9K jumbo frames to minimize packet overhead, Wake-on-LAN (WoL) for remote system booting, auto-negotiation between 10/100/1000Mbps, and VLANs for streamlined network management.

The PCI Express NIC includes a pre-installed standard-profile bracket for full-sized desktops and servers, as well as a low-profile bracket for compatibility with small form-factor computers.

## Certifications, Reports and Compatibility



## Applications

- Add an Ethernet port to a workstation or server computer, for redundancy or bridging

## Features

- **TAA-COMPLIANT GIGABIT ETHERNET CARD:** Network Card with Realtek RTL8111H chip adds a gigabit ethernet interface to a desktop or server; Features link speed and activity LED indicators allowing users to visually diagnose issues and confirm network speeds
- **PLUG & PLAY COMPATIBILITY:** Network Interface Card drivers auto-install in most major operating systems including Windows, Windows Server, and Linux; Works with Intel and AMD hardware platforms that have a PCI Express x1, x2, x4, x8, or x16 slot
- **PERFORMANCE & MANAGEMENT:** PCIe Network Adapter Card supports 9K jumbo frames to reduce packet overhead, Wake-on-LAN (WoL) for remote system booting, auto-negotiation between 10/100/1000Mbps, and VLANs for efficient network management
- **UNIVERSAL FIT:** PCI Express NIC comes with a pre-installed standard-profile bracket for full-sized desktops and servers, and it includes a low-profile bracket for compatibility with small form-factor computers
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this 1-port network card is backed for 2-years, including free lifetime 24/5 multi-lingual technical assistance

### Hardware

|                    |                                     |
|--------------------|-------------------------------------|
| Warranty           | 2 Years                             |
| Ports              | 1                                   |
| Bus Type           | PCI Express                         |
| Card Type          | Standard Profile (LP bracket incl.) |
| Port Style         | Integrated on Card                  |
| Industry Standards | IEEE 802.3                          |
|                    | IEEE 802.3u                         |
|                    | IEEE 802.3x                         |
|                    | IEEE 802.3ab                        |
| Chipset ID         | Realtek - RTL8111H                  |

### Performance

|                            |          |
|----------------------------|----------|
| Wake On Lan                | Yes      |
| Maximum Data Transfer Rate | 1000Mbps |

|                     |                  |
|---------------------|------------------|
| Compatible Networks | 10/100/1000 Mbps |
| Auto MDIX           | Yes              |
| PXE                 | No               |
| Jumbo Frame Support | 9K max.          |
| Promiscuous Mode    | Yes              |

#### Connector(s)

|                 |                    |
|-----------------|--------------------|
| External Ports  | 1 - RJ-45          |
| Host Connectors | 1 - PCI Express x1 |

#### Indicators

|                |                                                                                                                                                                                                                                    |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED Indicators | <p>1 - Right LED: Link/Activity</p> <p>Solid green: Active link</p> <p>Flashing green: Activity</p> <p>Off: No active link</p> <p>1 - Left LED: Link Speed</p> <p>Solid green: 1Gbps link</p> <p>Solid orange: 10/100Mbps link</p> |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Power

|              |             |
|--------------|-------------|
| Power Source | Bus Powered |
|--------------|-------------|

#### Environmental

|                       |                            |
|-----------------------|----------------------------|
| Operating Temperature | 5C to 70C (41F to 158F)    |
| Storage Temperature   | 0C to 80C (32F to 176F)    |
| Humidity              | 10% ~ 80% (non-condensing) |

#### Physical Characteristics

|                |                 |
|----------------|-----------------|
| Color          | Black           |
| Product Length | 2.6 in [6.5 cm] |
| Product Width  | 1.7 in [4.2 cm] |
| Product Height | 0.7 in [1.8 cm] |

|                              |                           |                         |
|------------------------------|---------------------------|-------------------------|
|                              | Weight of Product         | 1.2 oz [34.0 g]         |
| <b>Packaging Information</b> |                           |                         |
|                              | Package Length            | 6.7 in [17.0 cm]        |
|                              | Package Width             | 5.6 in [14.2 cm]        |
|                              | Package Height            | 1.2 in [3.0 cm]         |
|                              | Shipping (Package) Weight | 3.5 oz [100.5 g]        |
| <b>What's in the Box</b>     |                           |                         |
|                              | Included in Package       | 1 - PCIe Card           |
|                              |                           | 1 - Low Profile Bracket |
|                              |                           | 1 - Quick-Start Guide   |

***\*Product appearance and specifications are subject to change without notice.***