

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

**Visit our website - *Click HERE***

1 Port PCI Express Gigabit Ethernet NIC Network Adapter Card

**Product ID:** ST1000SPEX



This PCI Express based Gigabit Ethernet Network Adapter Card offers a versatile solution that allows servers and desktop PCs to connect to a Gigabit network through a PCIe slot, providing full Gigabit bandwidth capacity with the dedicated bandwidth of the connected PCI Express bus to provide dependable connectivity.

Fully compliant with the 10/100/1000 Mbps IEEE 802.3 specification, this PCIe Gigabit NIC provides a maximum transfer speed of 1000Mbps (bidirectional - 2000Mbps total) - ensuring a high performance network connection. This adapter also offers 10/100/1000Mbps data rate auto-negotiation and full duplex operation that helps to optimize connection speeds and provide efficient performance.

The network adapter is compatible with Linux, Windows 2000, XP, XP-64bit, Server 2003, Server 2003-64-bit, Vista, Vista-64, 7, 7-64bit operating systems and includes full-height and low profile screw-on brackets for installation in standard, small/micro form factor computer cases as well as 1U and 2U servers.

## Certifications, Reports and Compatibility

## Applications

• Add an additional Ethernet port to a workstation or server computer for redundancy or bridging

• Upgrade a computers 10/100 Ethernet port to a 1000 compatible port

• Add networking capabilities to an old system with no Ethernet port

## Features

• A single 10/100/1000Mbps compatible RJ45 Ethernet port

- Network Link/Activity and 10/100/1000 Mbps LED indicators
- Fully Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3x, and IEEE 802.3ab
- Jumbo frame support
- Full and half duplex support
- Supports Wake-on-LAN function
- Crossover Detection & Auto-Correction (Auto MDI/MDI-X)
- Includes a low profile installation bracket

| | | |
|---|---|---|
| **Hardware** | | |
| | Warranty | 2 Years |
| | Ports | 1 |
| | Interface | RJ45 (Gigabit Ethernet) |
| | Bus Type | PCI Express |
| | Card Type | Standard Profile (LP bracket incl.) |
| | Chipset ID | Realtek - RTL8111DL |
| **Performance** | | |
| | Maximum Data Transfer Rate | 1000 Mbps |
| | Compatible Networks | 10/100/1000 Mbps |
| | Auto MDIX | Yes |
| | Full Duplex Support | Yes |
| | Supported Protocols | CSMA/CD |
| **Connector(s)** | | |
| | Connector Type(s) | PCI Express x1 |
| | External Ports | RJ-45 |
| **Software** | | |
| | OS Compatibility | Windows 8 / 8.1 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), 2000<br>Windows Server 2012, 2008 R2, 2003(32/64) |

| | | |
|---|---|---|
| | | Mac OS 10.4 and up (Intel based - Tested up to 10.9) |
| | | Linux |
| **Indicators** | | |
| | LED Indicators | 100 Link/Active LED (Green)Gigabit Link/Active LED (Green) |
| **Environmental** | | |
| | Operating Temperature | 0 degrees Celcius to 50 degrees Celcius |
| | Storage Temperature | 20 degrees Celcius to 70 degrees Celcius |
| **Physical Characteristics** | | |
| | Product Length | 4.7 in [12 cm] |
| | Product Width | 0.8 in [21 mm] |
| | Product Height | 3.6 in [92.5 mm] |
| | Weight of Product | 1.4 oz [40 g] |
| **Packaging Information** | | |
| | Package Length | 6.9 in [17.5 cm] |
| | Package Width | 5.5 in [14 cm] |
| | Package Height | 1.2 in [30 mm] |
| | Shipping (Package) Weight | 4.3 oz [122 g] |
| **What's in the Box** | | |
| | Included in Package | Gigabit Ethernet PCI Express Card |
| | | Low Profile Bracket |
| | | Driver CD |
| | | Instruction Manual |

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

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP