

## Dual Port Gigabit Network Server Adapter NIC Card 2 Port

StarTech ID: *ST1000SPEXDP*



This dual port PCIe 10/100/1000 Mbps Gigabit Ethernet Network Adapter Card provides two Gigabit Ethernet ports and is fully compatible with IEEE 802.3/u/ab standards.

Suitable for any PCI Express-enabled client, server or workstation, the Gigabit Ethernet Network Adapter Card supports high performance dual channel networking and maximum data transfer speeds of 1000Mbps in each direction (2000 Mbps total) - up to 10 times faster than 10/100 Ethernet.

Compatible with a broad range of operating systems, including Linux, Windows 98SE, ME, 2000, XP, XP-64bit, Vista, Vista-64bit, 7, 7-64bit, and Mac OS 10.4/10.5/10.6, this high quality PCIe Gigabit NIC includes an optional low profile bracket that makes it easy to install the card in a small form factor/low profile computer case/server.

### Applications

- Add 2 Ethernet ports to a workstation or server computer from a single PCIe slot
- Connect to 2 separate networks simultaneously
- Install dual networking capabilities into a small form factor or other space-constrained computer system

## Features

- Two 10/100/1000Mbps compatible RJ-45 Ethernet ports
- Jumbo Frame support
- On-chip 48KB Big Transmit/Receive Buffer Support
- Fully Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, and supports IEEE 802.1Q VLAN tagging, IEEE 802.1P Layer 2 Priority Encoding and IEEE 802.3x Full Duplex Flow Control
- Supports Microsoft NDIS5 Checksum Offload (IP, TCP, UDP) and Large send Offload
- Supports Wake-on-LAN and Remote Wake-up Support, Pair Swap/Polarity/Skew Correction
- Crossover Detection & Auto-Correction (Auto MDI/MDI-X)
- Includes a low profile installation bracket

## Technical Specifications

Warranty	2 Years
Ports	2
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Realtek - RTL8111C
Connector Type(s)	1 - PCI Express x1 Male
External Ports	2 - RJ-45 Female
Maximum Data Transfer Rate	1000 Mbps (uni-directional), 2000 Mbps (bi-directional)
Buffer Size	48 KB
Compatible Networks	10/100/1000 Mbps
Full Duplex Support	Yes
OS Compatibility	Windows® 98SE/ ME/ 2000/ XP (32/64-bit)/ Server 2003 (32/64-bit)/ Vista (32/64-bit)/ Server 2008 R2/ 7 (32/64-bit)/ 8(32/64-bit) WinCE 4.2/ 5.0 Mac OS 10.4/ 10.5/ 10.6/ 10.7 (Intel-based) Linux Kernel 2.4.x and later SCO OpenServer 5.0.7/ 6
Product Length	4.3 in [110 mm]
Product Width	2.9 in [74 mm]
Product Weight	7.1 oz [200 g]
LED Indicators	2 - Link and Active LED's
Operating Temperature	0 to 55°C (32 to 131°F), 10% to 90% relative humidity (non-condensing)
Storage Temperature	-40 to 75°C (-40 to 167°F), 5% to 95% relative humidity (non-condensing)
Shipping (Package) Weight	8.8 oz [250 g]
Included in Package	1 - 2 Port PCI Express Network Card
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

