Dual Port ExpressCard Gigabit Laptop Ethernet NIC Network Adapter Card

StarTech ID: EC2000S

The EC2000S 2-port Gigabit ExpressCard Ethernet Adapter adds 2 10/100/1000Mbps Ethernet ports to an ExpressCard-enabled laptop, or small form factor system, enabling you to connect to two separate physical networks simultaneously with dedicated bandwidth, or providing full dedicated bandwidth to virtual machines.

Supporting features such as NDIS5 checksum and large send offload for lower CPU utilization, Wake-on-LAN (WOL) and Remote Wake-up power management, jumbo frames and VLAN tagging, this ExpressCard Ethernet Adapter is ready to handle a wide variety of scenarios.

With a 34mm ExpressCard form factor, this compact and portable Gigabit Ethernet Adapter will fit in any ExpressCard-enabled system, and is backed by a StarTech.com lifetime warranty and free lifetime technical support.

Applications

- Business or IT professionals that need to connect to two separate networks simultaneously
- Run a virtual machine(s) on a workstation, with access to separate physical network connections
- Replacement for a failed built-in Gigabit Ethernet port on a laptop

Features

- Dual RJ45 Ethernet ports in an ExpressCard/34 adapter
- Fully compliant with IEEE 802.3, 802.3u, and 802.3ab specifications for 10/100/1000 Mbps connections
- Supports Full and Half duplex operating modes
- IEEE 802.1Q VLAN Tagging support
- Microsoft® NDIS5 Checksum Offload (IPv4, TCP, UDP) and Large Send Offload support
- Wake-on-LAN (WOL) and Remote Wake-up power management options
- IEEE 802.3x Full Duplex Flow Control support
- Auto-Negotiation with Next Page capability
- Link/Activity and Gigabit Link LED indicators
- Compliant with ExpressCard 1.0 specification
- Plug-and-Play and Hot Swap compatible

Technical Specifications

Warranty	Lifetime
Bus Type	ExpressCard
Card Type	34mm ExpressCard
Chipset ID	Realtek - RTL8111E
Industry Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1Q
Interface	RJ45 (Gigabit Ethernet)
Ports	2
Auto MDIX	Yes
Buffer Size	48 KB
Compatible Networks	10/100/1000 Mbps
Full Duplex Support	Yes
Maximum Data Transfer Rate	1000 Mbps
External Ports	2 - RJ-45 Female
OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2 Mac OS X® 10.6 to 10.9 Linux 2.4.x to 4.4.x *LTS Versions Only*
Note	On Intel® Ivy Bridge based systems, only 1 network port is usable
System and Cable Requirements	ExpressCard slot
LED Indicators	2 - Gigabit Link
LED Indicators	2 - Link/Activity
Humidity	5~95% RH
Operating Temperature	0°C to 55°C (32°F to 151°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Product Height	0.9 in [22 mm]
Product Length	4.6 in [116 mm]
Product Weight	1.4 oz [40 g]
Product Width	1.3 in [34 mm]
Shipping (Package) Weight	4.1 oz [116 g]
Included in Package	1 - ExpressCard Gigabit Ethernet NIC
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility