

Dual Port ExpressCard Gigabit Laptop Ethernet NIC Network Adapter Card

Product 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.

Certifications, Reports and Compatibility

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

Hardware

Warranty	Lifetime
Ports	2
Interface	RJ45 (Gigabit Ethernet)
Bus Type	ExpressCard
Card Type	34mm ExpressCard
Industry Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1Q
Chipset ID	Realtek - RTL8111E

Performance

Maximum Data Transfer Rate	1000 Mbps
Buffer Size	48 KB
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Promiscuous Mode	Yes

Connector(s)



External Ports RJ-45

Software

OS Compatibility Windows 2000, XP, Vista, 7, 8, 8.1, 10
Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019
Mac OS X 10.6 to 10.9, Linux 2.4.x to 4.11.x <i>LTS Versions Only</i>

Special Notes / Requirements

System and Cable Requirements ExpressCard slot
Note On Intel Ivy Bridge / Haswell architecture and newer based systems, only 1 network port is usable

Indicators

LED Indicators Link/Activity
Gigabit Link

Environmental

Operating Temperature 0C to 55C (32F to 151F)
Storage Temperature -20C to 85C (-4F to 185F)
Humidity 5~95% RH

Physical Characteristics

Product Length 4.6 in [11.6 cm]
Product Width 1.3 in [34 mm]
Product Height 0.9 in [22 mm]
Weight of Product 1.4 oz [40 g]

Packaging Information

Package Length 6.8 in [17.3 cm]
Package Width 5.7 in [14.4 cm]
Package Height 1.3 in [33 mm]
Shipping (Package) 4.1 oz [116 g]



Weight

What's in the Box

Included in Package	ExpressCard Gigabit Ethernet NIC
	Driver CD
	Instruction Manual

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

