

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
	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
Performance	Auto MDIX	Yes
	Buffer Size	48 KB
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	Maximum Data Transfer Rate	1000 Mbps
	Promiscuous Mode	Yes
Connector(s)	External Ports	2 - RJ-45 Female
Software	OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS X® 10.6 to 10.9 Linux 2.4.x to 4.11.x <i>LTS Versions Only</i>
Special Notes / Requirements	Note	On Intel® Ivy Bridge / Haswell architecture and newer based systems, only 1 network port is usable
	System and Cable Requirements	ExpressCard slot
Indicators	LED Indicators	2 - Gigabit Link 2 - Link/Activity
Environmental	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)
Physical Characteristics	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]
Packaging Information	Shipping (Package) Weight	4.1 oz [116 g]

What's in the Box	Included in Package
	1 - ExpressCard Gigabit Ethernet NIC
	1 - Driver CD
	1 - Instruction Manual

Product appearance and specifications are subject to change without notice.