

## Compact Black USB 2.0 to Gigabit Ethernet NIC Network Adapter

**Product ID:** USB21000S



The USB21000S Gigabit USB 2.0 Ethernet Adapter adds a single RJ45 Ethernet port to a USB-enabled computer system, with support for connecting to Gigabit networks. Backward compatible with USB 1.x computer systems and 10/100 Mbps Fast Ethernet networks, this compact and portable USB network adapter offers an ideal desktop replacement network adapter or laptop accessory.

Backed by a StarTech.com Lifetime warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Add gigabit Ethernet capabilities to a PC or laptop without opening the computer or taking up an available expansion slot
- Connects your laptop PC to a Gigabit network or backbone
- Perfect for small or home offices, departmental network applications and network gaming

### Features

- USB to RJ45 adapter supports Gigabit networking over USB 2.0 with up to 480 Mbps of bandwidth
- IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- USB-Powered, with no additional adapters required
- Jumbo Frame support

- Supports suspend mode and remote wakeup via link-up, magic packet, or external pin
- Supports Full and Half duplex operating modes
- Embedded 20KB SRAM for RX packet buffering and 20KB SRAM for TX packet buffering
- Compliant with USB 2.0 and backwards compatible with USB 1.1
- Hot-Swap and plug-and-play supported
- Compact, lightweight design for maximum portability

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#### Hardware

Warranty	Lifetime
Ports	1
Interface	RJ45 (Gigabit Ethernet)
Bus Type	USB 2.0
Industry Standards	IEEE 802.3, 802.3u, and 802.3ab
Chipset ID	ASIX - AX88178

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#### Performance

Maximum Data Transfer Rate	480 Mbps (USB 2.0)
Buffer Size	40 KB
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes

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#### Connector(s)

External Ports	RJ-45
	USB Type-A (4 pin) USB 2.0

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#### Software

OS Compatibility	Windows 2000/ XP(32/64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit), Windows CE 6.0 , Mac OS 10.4/ 10.5/ 10.6/ 10.7/ 10.8 , Linux kernel 2.6.14 and up
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## Indicators

LED Indicators	Yellow - Activity
	Green - Link

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## Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-20C to 75C (-4F to 167F)
Humidity	10~90% RH

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## Physical Characteristics

Product Length	10.5 in [26.7 cm]
Product Width	1.3 in [33 mm]
Product Height	0.8 in [21 mm]
Weight of Product	1.4 oz [40.4 g]

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## Packaging Information

Package Length	7.9 in [20 cm]
Package Width	5.5 in [14 cm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	4.9 oz [140 g]

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## What's in the Box

Included in Package	USB to Gigabit Ethernet Adapter
	Driver CD
	Instruction Manual

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

