




## StarTech.com USB3100S2 network card Instruction Manual

[Home](#) » [StarTech.com](#) » StarTech.com USB3100S2 network card Instruction Manual 

### Contents

- [1 StarTech.com USB3100S2 network card](#)
- [2 Packaging contents](#)
- [3 System requirements](#)
- [4 Product diagram](#)
- [5 Installation](#)
- [6 FCC Compliance Statement](#)
- [7 Technical Support](#)
- [8 Frequently Asked Questions](#)
- [9 Related Posts](#)



**StarTech.com USB3100S2 network card**



### Packaging contents

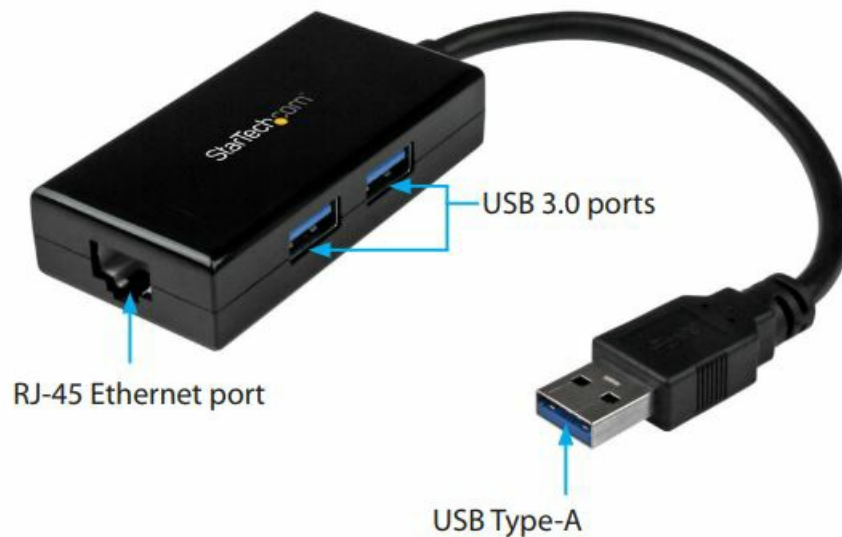
- 1 x USB 3.0 to Gigabit network adapter
- 1 x instruction manual

### System requirements

- USB-enabled computer with an available USB 3.0 port
- Any of the following operating systems:
  - Windows® 7 (32-bit or 64-bit)
  - Windows 8 (32-bit or 64-bit)
  - Windows 8.1 (32-bit or 64-bit)
  - Windows Server® 2003
  - Windows Server 2008
  - Windows Server 2012
  - Windows XP
  - Windows Vista®
  - Mac OS 10.7 and later (tested up to Mac OS 10.10)
  - Linux® kernel 3.x

Operating system requirements are subject to change. For the latest requirements, please visit [www.startech.com/USB31000S2H](http://www.startech.com/USB31000S2H)

### Product diagram



### About USB 3.0 and USB 3.1 Gen 1

USB 3.0 is also known as USB 3.1 Gen 1. This connectivity standard offers speeds up to 5 Gbps.

## Installation

Install the network adapter

1. Turn on the computer that you're connecting the network adapter to.
2. Use an RJ-45 Ethernet cable to connect the network adapter to your computer.
3. Connect the network adapter to an available USB port.

Note: If you connect to a USB 2.0 port, performance may be limited.

### Install the driver on a computer running Windows

1. If the Found New Hardware dialog box appears on your screen, close the dialog box or click Cancel.
2. An executable file will load, which you can use to install the driver. Follow the on-screen instructions to complete the installation.

### Note

If the driver for the network adapter doesn't install automatically, you need to manually install the driver. For more information, see the instructions below.

### Manually install the driver

1. To download the latest driver, navigate to [www.startech.com](http://www.startech.com) and enter USB31000S2H in the search field.
2. Click the Support tab.
3. Download the driver.
4. When the download is complete, extract the contents of the compressed file that you downloaded.
5. Double-click the appropriate driver for the version of the OS that you're running and follow the on-screen instructions to complete the installation.

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

## Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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## Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to providing industry-leading solutions. If you ever need help with your product, visit [www.startech.com/support](http://www.startech.com/support) and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

## Warranty Information

This product is backed by a two-year warranty.

StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

## Frequently Asked Questions

Will this work to connect an external USB hard drive to a router which doesn't have a USB port?

If you want to connect your hard drive directly to a router, you need something called NAS (Network Attached Storage), it's some specialized hard drive and costs more. Otherwise, you'll have to connect the USB drive to a computer.

Does this adapter support PXE boot?

We use the USB31000SPTB to PXE boot with surface pro 3 machines all the time. There is a strong chance this will work also.

Is this for when you don't have wifi? you plug one end of the cable to your modem and the other end to your pc? or is it replacing the wi-fi?

It is for when you want to connect to your network via a hard-wired ethernet cable instead of via wifi (whether or not you have wifi). You plug the USB connector into one of the USB ports on your computer, and you plug an ethernet cable that is connected to your network into the the other end of the StarTech connector.

Does this work with pad?

No, the US1GC30B does not work in Android or iOS. It's supported in Windows XP, Vista, 7, 8, 8.1, 10, Server 2003, 2008 R2, 2012, 2016, 2019, macOS 10.7 to 10.14, and LTS versions of Linux Kernels 2.6.25 to 4.11.x.

will this product work on linux or RHEL6.0 and windows7?

The product is based on hardware. I am not aware that any software is involved m, meaning that it should work with any operating system.

Does this device also power up the phone?

No, the US1GC30A is a USB to Ethernet adapter and will not be able to power a phone. The US1GC30A is currently supported for Windows XP, Vista, 7, 8, 8.1, 10, Windows Server 2003, 2008 R2, 2012, 2016, 2019, Mac OS X 10.7 to 10.15,, Linux Kernel 2.6.25 to 4.11.x LTS versions only, and Chrome OS.

Will this work with Lenovo Miix 700?

As long as your Lenovo Mix 700 has a USB port it will work, just make sure you use the CD it comes with to install the correct drivers. If the Lenovo mix700 does not take CDs you can download the drives from the StarTech web site.

Does this work with a usb hard drive?

Will it work if i put it in a usb hub?

I have had mixed results. In the end I purchased a powered USB hub with ethernet connectivity from StarTech that I have been pleased with. Keep in mind that every device requires power. The straight USB to Ethernet shouldn't draw too much so by itself it might be OK. Is the USB hub powered? What else is using the hub HDDs can require a lot of power, especially if they don't have their own power source.

Can connect this to my smart tv usb and have wired internet?

No, USB31000S wouldn't work connected to a TV over USB. USB31000S requires drivers to operate, and there isn't a TV-compatible driver available.

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