

## i-tec 3G60005

# i-tec USB 2.0 to 10/100 Fast Ethernet Adapter User Manual

Model: 3G60005 | Brand: i-tec

## 1. INTRODUCTION

The i-tec USB 2.0 Fast Ethernet Adapter provides an external 100/10Mbps network connection via a USB interface. This adapter allows you to add a network card to your computer, notebook, or tablet without requiring an external power supply. It supports a wide range of operating systems, including Windows, macOS, Linux, ChromeOS, and Android. For Android systems, Ethernet support must be integrated by the device manufacturer, which can typically be verified in the device's Network Connection Settings.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- i-tec USB 2.0 Fast Ethernet Adapter
- User Manual
- Driver & Manuals CD (Note: Drivers are often automatically installed by modern operating systems.)



Image 1: Package contents including the i-tec USB 2.0 Fast Ethernet Adapter, user manual, and driver CD.

### 3. FEATURES

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The i-tec USB 2.0 Fast Ethernet Adapter offers the following features:

- **Connectivity:** USB 2.0 Type A male port for host connection and RJ-45 port for Ethernet cable connection.
- **Network Speed:** Supports 10/100Mbps Fast Ethernet.
- **Power:** Powered directly via the USB port; no external power supply required.
- **Data Transfer:** Supports Full-Duplex and Half-Duplex transfers.
- **Advanced Functions:** Includes Wake-on-LAN (WoL) and Stand-by-Mode functions.
- **Status Indication:** Features an LED display (green/yellow) for network status.
- **Chipset:** Utilizes an Axis AX88772B chipset with SRAM for efficient data transfers.
- **Operating System Compatibility:** Compatible with Windows XP, 7 (32/64 bit), 8 (32/64 bit), macOS 10.6-10.8, Android 1.x/2.x/3.x/4.x, and Linux kernel 2.6.14 and above.



Image 2: The i-tec USB 2.0 Fast Ethernet Adapter, showing the USB connector and RJ-45 port.

## 4. SETUP

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Follow these steps to set up your i-tec USB 2.0 Fast Ethernet Adapter:

1. **Connect to Host Device:** Plug the USB 2.0 Type A connector of the adapter into an available USB port on your computer, notebook, or compatible Android device.
2. **Driver Installation:** In most modern operating systems (Windows 10/11, recent macOS, Linux distributions), the necessary drivers will install automatically upon connection (Plug & Play). If automatic installation does not occur, or if you are using an older OS, you may need to install drivers from the included CD or download them from the i-tec website.
3. **Connect to Network:** Connect a standard Ethernet (RJ-45) cable from your router, modem, or network switch to the RJ-45 port on the i-tec adapter.
4. **Verify Connection:** Observe the LED indicators on the adapter. A solid or blinking LED typically indicates a successful network connection and activity. Check your operating system's network settings to confirm the Ethernet connection is active.

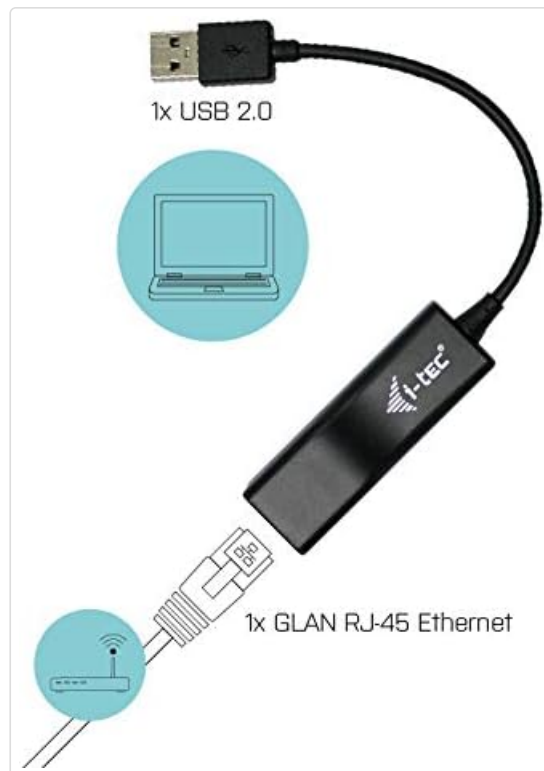


Image 3: Connection diagram illustrating how to connect the adapter to a laptop and a network router.



Image 4: The i-tec adapter providing internet access to a laptop, demonstrating its plug-and-play functionality.

## 5. OPERATING INSTRUCTIONS

Once the adapter is successfully installed and connected, it functions as a standard Ethernet network interface. Your operating system will automatically detect and utilize the wired connection for internet access or local network communication.

- **Network Status:** The green/yellow LED on the adapter indicates network link status and activity. A solid light typically means a link is established, while a blinking light indicates data transfer.
- **Wake-on-LAN (WoL):** If supported by your computer's BIOS/UEFI and operating system settings, the adapter can receive a 'magic packet' to wake your computer from a low-power state over the network.
- **Stand-by-Mode:** The adapter is designed to operate efficiently in low-power states.

## 6. TROUBLESHOOTING

If you encounter issues with your i-tec USB 2.0 Fast Ethernet Adapter, consider the following:

- **No Network Connection:**
  - Ensure the adapter is firmly plugged into a working USB port on your device.
  - Verify that the Ethernet cable is securely connected to both the adapter and your router/modem.
  - Check the LED indicators on the adapter. If they are off, try a different USB port or cable.
  - Restart your computer and network equipment (router/modem).
- **Drivers Not Installing:**
  - For Windows, check Device Manager for unrecognized devices and attempt to update drivers.
  - Install drivers manually from the provided CD or the i-tec support website.
- **Slow Connection Speed:**
  - Ensure your Ethernet cable is not damaged.
  - Verify that your network equipment (router/modem) is functioning correctly.
  - This adapter supports 10/100Mbps Fast Ethernet. If you expect Gigabit speeds, this adapter is not designed for that.
- **Android Device Compatibility:**
  - Not all Android devices support USB Ethernet adapters. Check your device's specifications or network settings for 'Ethernet' options.

## 7. SPECIFICATIONS

Brand	i-tec
Model Number	3G60005
Hardware Interface	USB 2.0, RJ-45
Data Link Protocol	Ethernet, Fast Ethernet
Data Transfer Rate	10/100 Mbps
Operating System Support	Windows XP/7/8, macOS 10.6-10.8, Android 1.x/2.x/3.x/4.x, Linux kernel 2.6.14+
Item Weight	0.847 ounces (approx. 24 grams)
Product Dimensions (LxWxH)	2.56 x 0.83 x 0.55 inches
Color	Black (with green/yellow LED indication)

## 8. WARRANTY AND SUPPORT

i-tec products are designed for reliability and performance. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official i-tec website. For technical support, driver downloads, or further assistance, please visit the i-tec support section on their official website.

