



TRENDNET[®]



User's Guide

TU2-NU4
1.01

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TABLE OF CONTENT

Introduction.....	4
Features	4
Unpacking.....	4
Software Installation	5
Utility	6
Menu bar	6
Using the utility for USB Servers	7
General Configuration	8
Maintenance.....	9
Using utility for USB Devices	9
Configuration with Web-based UI.....	11
Network Information/Setting.....	12
Restart	12
Factory Default	13
Update Firmware	13
Change Password.....	14
Specifications.....	15
Limited Warranty.....	16

Introduction

The 4-Port Network USB Hub (model TU2-NU4) provides access to most USB devices over a Local Area Network.

Connect USB hard drives, flash drives, printers, digital cameras, iPods™ and other USB peripherals to this compact hub for fast network-wide file sharing.

Install the included utility on each computer to provide access to the 4-Port Network USB Hub*. Power up the device and connect it to an available Ethernet port on a wired router, wireless router, or networked switch. Plug in USB devices and start sharing content across your digital network.

Features

- Access USB devices across your Local Area Network
- Connect USB hard drives, flash drives, printers, digital cameras, iPods and more
- High Speed USB 2.0 data transfers
- One 10/100Mbps Auto-MDIX Fast Ethernet Port
- Compliant with USB 2.0 high speed data communication
- Supports USB storage devices such as hard drives, flash driver and memory card readers
- Turns most USB peripheral devices into a shared network resource
- Supports most USB printers and all-in-one multi-functional printers
- Compliant with Windows 7/Vista/XP
- 3-year limited warranty

Unpacking

Open the box of the Network USB Hub and carefully unpack it. The box should contain the following items:

- ◆ TU2-NU4 4-Port Network USB Hub
- ◆ CD-Rom (Utility & User's Guide)
- ◆ Multi-Language Quick Installation Guide
- ◆ Power Adapter (5V DC, 3A)

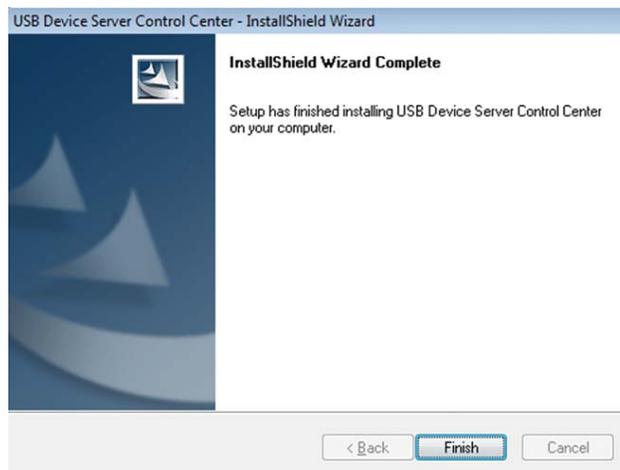
If any item is found missing or damaged, please contact your local reseller for replacement.

Software Installation

- 1) Insert the Utility CD-ROM into your computer's CD_ROM Drive and click Install Utility.



- 2) Follow the InstallShield Wizard Instructions



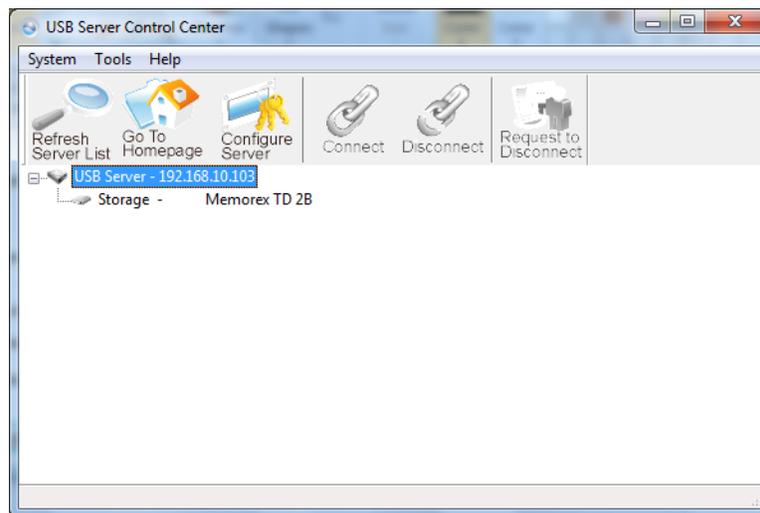
- 3) Click **Finish** to restart the computer.

Utility

To start the USB Server program, please double click the shortcut icon of the USB Server on the Desktop.



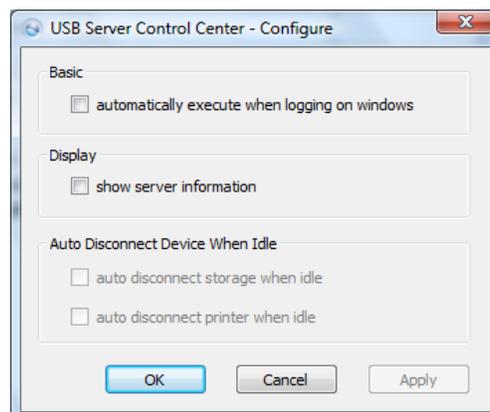
This brings up the main dialog. The main dialog box of **USB Server** is shown below.



Menu bar

System: Provides option to exit and close utility

Tools



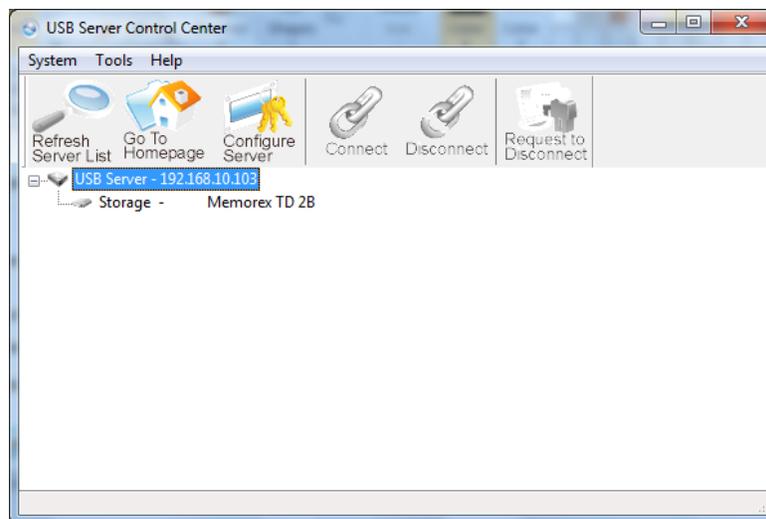
Basic: Check option to have utility automatically run during PC start up
Display: Check this option to display selected server information
Auto Disconnect: Enable this option on the type of devices (USB storage or USB printers) after idle period. Idle period is set to 3 minutes.
Help



About: Display utility information.

Using the utility for USB Servers

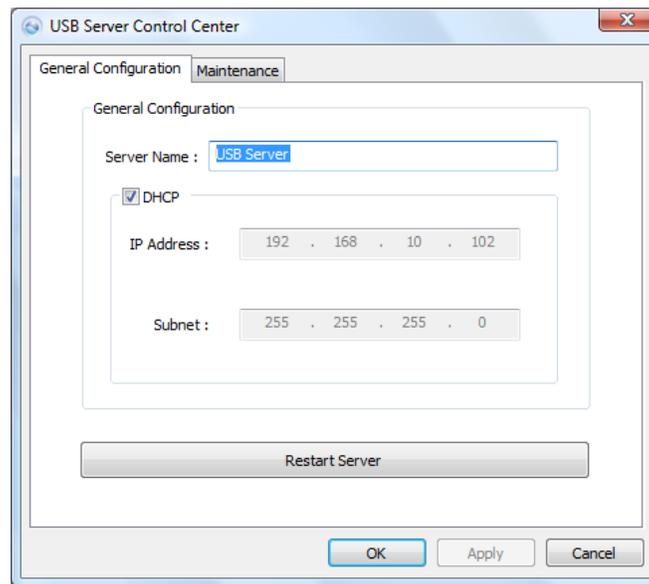
The utility allows you to apply settings changes to the USB server (TU2-NU4).



Refresh Server List: Click this option for the utility to refresh all connected servers and all connected USB devices.

Go to Homepage: Click this option to open the TU2-NU4's user interface.

Configure Server: Click this option to configure the TU2-NU4 through the utility



General Configuration

Server Name: Assign the name of the selected USB server and click **OK**. This is useful when your network has multiple servers connected.

DHCP: Enable this option to allow the USB server to obtain DHCP from a DHCP server. When option is disabled, enter the IP Address and Subnet schemes similar to your networks.

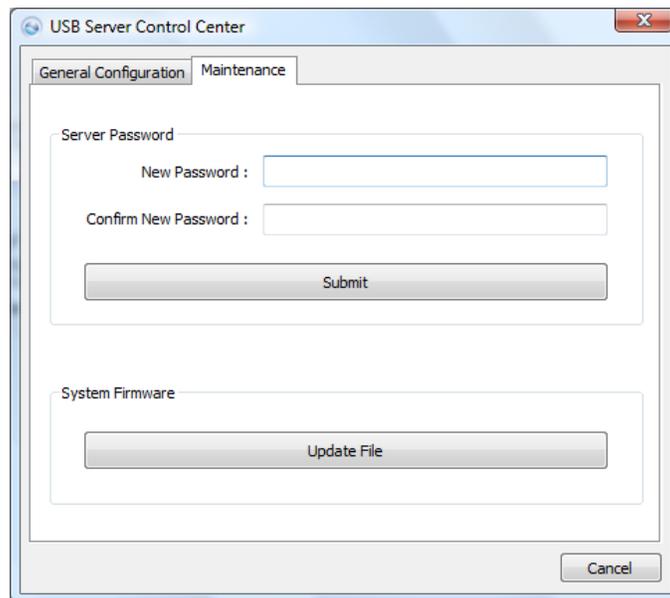
Restart Server: Click this option to reboot the USB server

OK: Click to confirm settings

Apply: Click to apply settings

Cancel: Click to close window

Maintenance



Server Password

New Password: Enter a new password for the TU2-NU4

Confirm Password: Re-enter the new password for the TU2-NU4

Submit: Click Submit when new password information has been entered

System Firmware:

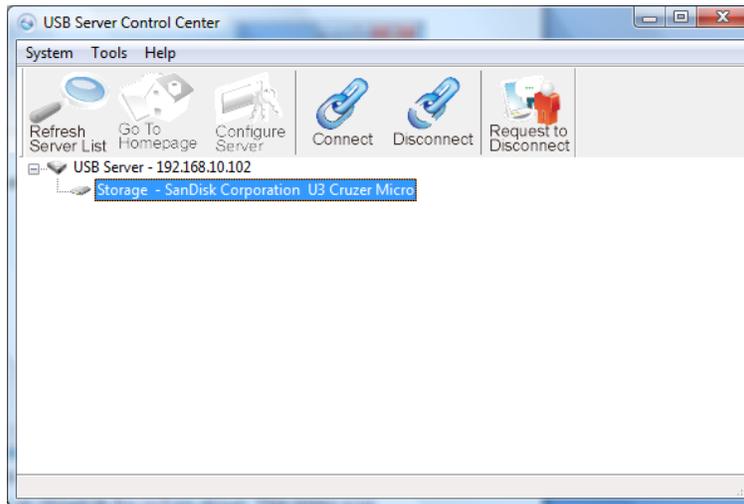
Update File: Click this option to update the firmware on the TU-NU4

Cancel: Click to close window

Using utility for USB Devices

The utility tells you the status of all the USB Servers and devices that are accessible to you. A USB Servers is either accessible or inaccessible. An inaccessible server is either disconnected from the network, powered off or suffers other technical difficulties that prevent it from being accessed by your PC. Inaccessible server will not show up on the tree view.

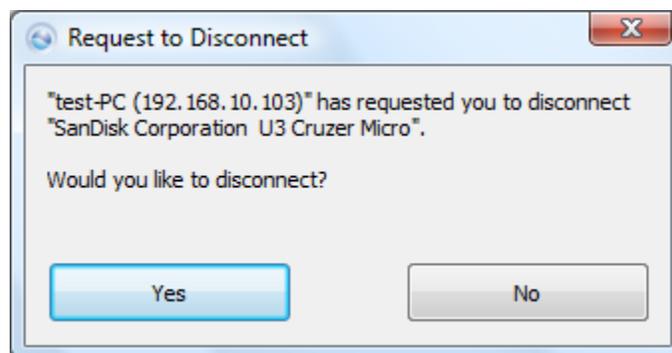
However, the devices have several kinds of status:



Connect: Select the USB device listed on the utility and click to establish connection.

Disconnect: Select the connected USB device and click to properly disconnect the USB device.

Request to Disconnect: Click when another user is connected to the USB device. The other user will receive notification of your request.



Yes: Click Yes if you would like to properly disconnect to the USB device and allow other user's to establish connection

No: Click to deny connection request.

Configuration with Web-based UI

Your default web browser will pop up and take you into the web-based configuration UI of the server.

The screenshot displays the TRENDnet web-based configuration UI for a 4 Port Network USB Hub TU2-NU4. The interface is divided into a sidebar on the left and a main content area on the right. The sidebar contains six navigation links: Status, Network, Restart Device, Factory Default, Firmware Upgrade, and Change Password. The main content area is titled 'Status' and is divided into several sections:

- Server Information:** A table with the following data:

Server Name	TRENDnet
Manufacturer	TRENDnet
Model	Network USB Server
Firmware Version	V. 100.074
Server UP-Time	0 days, 0 hours, 14 minutes, 19 seconds.
- Device 1 Information:** A table with the following data:

Device Name	
Link Status	
Device Status	
Current User	
- Device 2 Information:** A table with the following data:

Device Name	
Link Status	
Device Status	
Current User	
- Device 3 Information:** A table with the following data:

Device Name	SanDisk Corporation U3 Cruzer Micro
Link Status	Online
Device Status	Ready
Current User	
- Device 4 Information:** A table with the following data:

Device Name	
Link Status	
Device Status	
Current User	

At the bottom right of the interface, there is a copyright notice: Copyright © 2009 TRENDnet. All Rights Reserved.

This is the main page of the configuration UI. You can see the important information about the USB Server and the device(s) connected to it. The 6 links at the left-hand side each represents a function. Clicking on “Device Status” brings you back to this page, and the 5 other links take you to pages with different functions.

Network Information/Setting

The screenshot shows the TRENDNET web interface for a 4 Port Network USB Hub (TU2-NU4). The interface is divided into a left sidebar and a main content area. The sidebar contains buttons for Status, Network, Restart Device, Factory Default, Firmware Upgrade, and Change Password. The main content area is titled "Network" and is split into two sections: "Network Information" and "Network Setting".

Network Information	
IP Setting	Automatic (DHCP)
IP Address	192.168.10.100
Subnet Mask	255.255.255.0
MAC Address	00:d0:da:55:86:26

Network Setting	
DHCP Setting	Enable
IP Address	192 168 10 100
Subnet Mask	255 255 255 0
Server Name	TRENDnet
Password	<input type="text"/> * Must provide if available
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

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This page displays the current network setting of the server and provides links to the pages where you can perform special actions. You can change the network setting according to your need. However, please note that if you would like to give this server a static IP, please disable the DHCP option. Once you are done, please click on the “Submit” button and reboot the server.

NOTE: A Server with busy device(s) connected is prohibited to be configured to prevent interruption of any on-going tasks.

Restart

Clicking on this link takes you the page show below:

The screenshot shows the TRENDNET web interface for a 4 Port Network USB Hub (TU2-NU4). The interface is divided into a left sidebar and a main content area. The sidebar contains buttons for Status, Network, Restart Device, Factory Default, Firmware Upgrade, and Change Password. The main content area is titled "Restart Device" and contains a form with a "Password" field and "Submit" and "Clear" buttons.

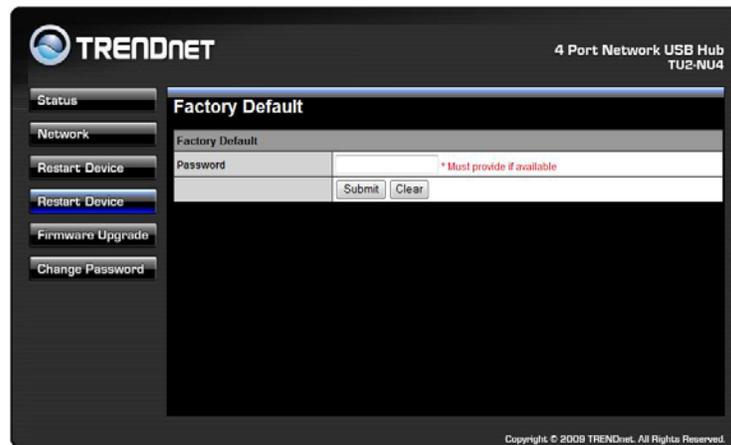
Restart Device	
Restart Device	
Password	<input type="text"/> * Must provide if available
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

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With the “Reset Server” button you can reboot the server. However, if there is a password, you must enter it for this function to work. Password is by default blank. So, unless a password is explicitly set, you do not have to enter anything for the reset function to work.

Factory Default

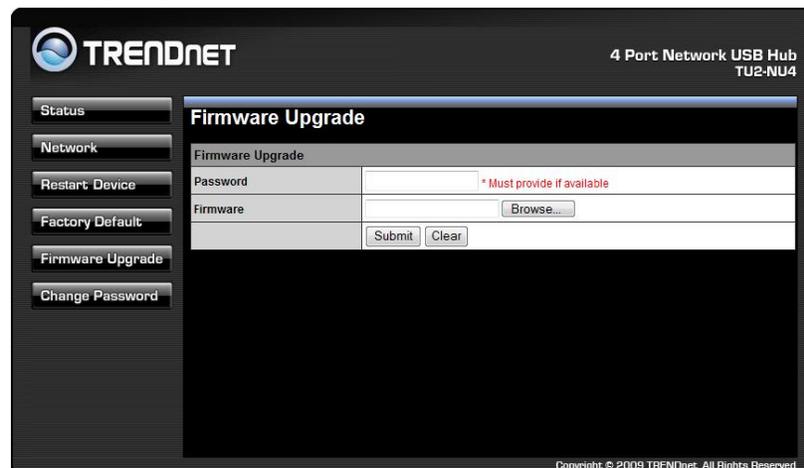
Clicking on this link takes you the page where you can restore the server’s settings back to default:



Again, the password is not necessary, if no password is set just leave the field empty and click on the “Factory Default” button to restore the factory default settings.

Update Firmware

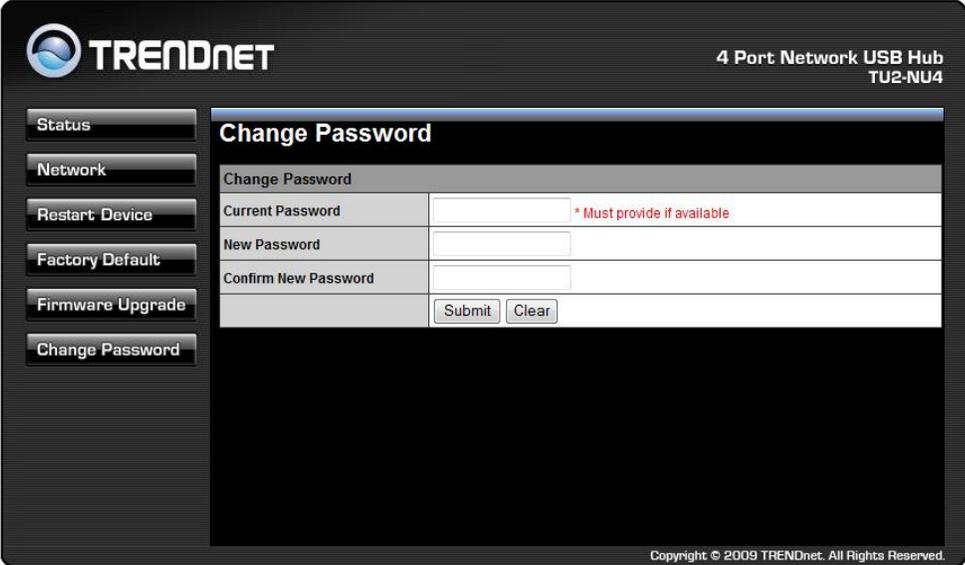
This link takes to the page where you will be able to upload the lat firmware for the server:



Please first click on the “Browse” button to browse to the firmware you would like to upload and then click on the “Save” button to update the firmware. You do not need to provide a password for this operation if there is not password set. Please just leave it blank.

Change Password

This page allows you to link to the password update page below: To change the password, you must enter current password, input new password and re-input new password for confirmation and then click on “Save”. If you are setting the password for the first time, you don’t have to provide current password.



The screenshot shows the TRENDnet web interface for a 4 Port Network USB Hub (TU2-NU4). The interface is dark-themed with a sidebar on the left containing navigation buttons: Status, Network, Restart Device, Factory Default, Firmware Upgrade, and Change Password. The main content area is titled "Change Password" and contains a form with three input fields: "Current Password" (with a red asterisk and the text "* Must provide if available"), "New Password", and "Confirm New Password". Below the fields are "Submit" and "Clear" buttons. The TRENDnet logo is in the top left, and the device model "4 Port Network USB Hub TU2-NU4" is in the top right. A copyright notice "Copyright © 2009 TRENDnet. All Rights Reserved." is at the bottom right.

Change Password	
Current Password	<input type="text"/> * Must provide if available
New Password	<input type="text"/>
Confirm New Password	<input type="text"/>
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

Specifications

Hardware	
Standards	IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), USB 1.1/2.0
LAN Port	1 x 10/100Mbps Auto-MDIX Ethernet port
USB Ports	4 x USB 2.0
LED Indicators	Power, LAN, USB Port 1-4
TCP/IP Protocol Supported	DHCP
Supported OS	Windows 2000/XP (32/64bit)/2003 Server/ Vista (32/64bit)
Buttons	Reset button – restores factory default settings
Power Supply	Power adapter 5V DC, 3A
Power Consumption	1.1w (max)
Dimensions (LxWxH)	100 x 78 x 31mm (3.93 x 3.07 x 1.22in.)
Weight	128g (4.5oz)
Temperature	Operating: 0~55°C (32-131 °F) Storage: -10~70°C (14-158 °F)
Humidity	Operating: 10%~90% (non-condensing) Storage: 5%~90% (non-condensing)
Certifications	CE, FCC

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TU2-NU4– 2 Years Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1 year warranty.

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

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There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all

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