

Torrent Remote install guide

Thanks for purchasing Torrent Remote! There's a little a bit of work to do before we can access your uTorrent client from your phone but this is quite educational and will teach you a bit about port forwarding! Let's get to it.

Overview of Steps:

1. Install uTorrent
2. Install the uTorrent Web UI
3. Configure uTorrent Settings
4. Set up a Static IP
5. Port Forward your uTorrent Client
6. Set up a DynDNS Account
7. Setting up Torrent Remote

1. Install uTorrent

Torrent Remote supports uTorrent versions:

- 2.0.4 Stable (build 22150)
- 2.2 Beta (build 22328)
- 3.0 Alpha (build 22329 - 22557)

You can [download uTorrent here](#). Install it as you would any standard program.

Please make sure that uTorrent – and your uTorrent port – is allowed access to the internet through any firewalls, anti-virus programs, or other security programs you may have installed.

For demonstration purposes the machine used to install and run uTorrent and the Web UI for this tutorial was done on a Windows 7 PC, with the default Windows 7 firewall, and Microsoft Security Essentials. Using this combination of software programs proved to be no problem.

uTorrent will, upon installation, automatically add itself to the default Windows firewall.

2. Install the Web UI

Torrent Remote supports Web UI version 0.371 and 0.380. The Web UI is required in order to access your client.

1. Download [Web UI v0.380 here](#).
2. Access the folder "C:\Users\YourUserName\AppData\Roaming\uTorrent"
3. Move the webui zipped file to the above location
4. Rename the file to webui.zip and leave it zipped (do not extract the contents)

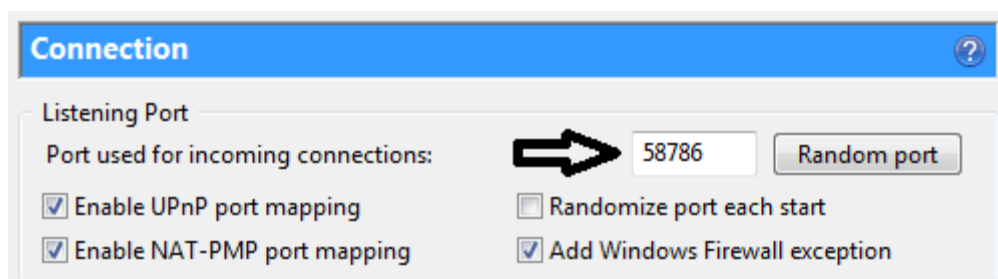
3. Configure uTorrent Settings

- Turning on Web UI

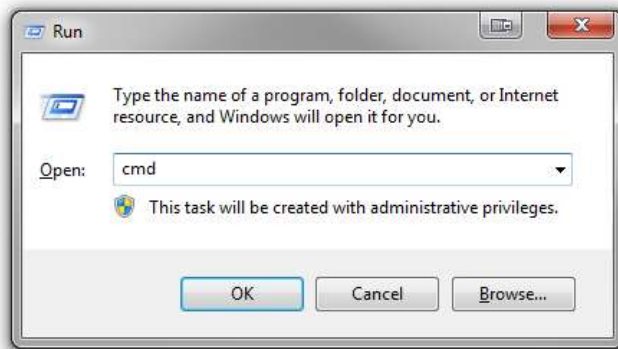
1. Open uTorrent
2. Click on Options, then Preferences
3. Click on the "Web UI" tab
4. Tick "Enable Web UI"
5. Assign a Username and Password
6. Click Apply

- Checking if Web UI works

1. Open uTorrent
2. Click on Options, then Preferences
3. Click on the "Connections" Tab
4. Write down the "Listening Port", this is the port number used by uTorrent and is described as the 'Port used for incoming connections'



5. Open up the Windows Run Command (Windows Key + R)
6. Type "cmd" (without the "") and press Enter



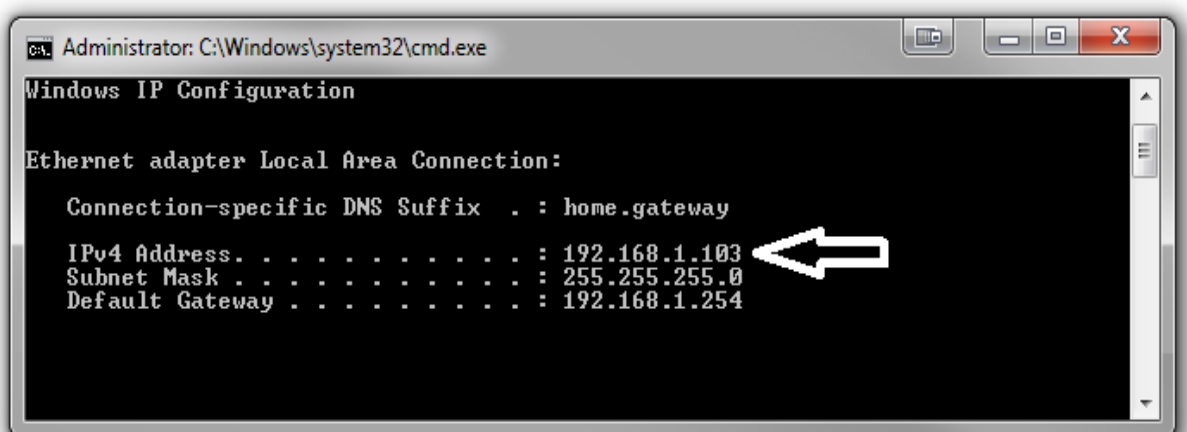
7. In the Command Prompt, type “ipconfig” (without the “”) and Press Enter.
8. Locate your IP Address

You will see a series of information related to your computers networking information. All you will need is the IPv4 Address of your computer for the Adapter for which your network is connected through.

If your computer is connected to your router via a cable then the heading will say “Ethernet adapter Local Area Connection:” If you are connected to your router through a wireless connection the heading will say “Wireless LAN adapter Wireless Network Connection”

My computer is connected through an Ethernet cable, so I used the IPv4 address corresponding to that (pictured below).

Once you have this address write it down next to the uTorrent Listening Port you found in the previous steps.



9. Open up your favourite browser
10. In the address bar of your browser type:

<http://youripaddress:portnumber/gui/>

Such that mine would be

<http://192.168.1.103:58786/gui/>

If a dialogue box comes up asking you to put your username and password in for uTorrent, then congratulations! You have followed the first lot of steps for this tutorial amicably!

We're not over yet though. Let us continue, shall we?

4. Set up a Static IP

Every time your computer connects to your router / modem it is assigned an IP address. This can sometimes be the same or it can be different. If it is different it means that every time you wish to access uTorrent remotely you will need to re-configure your settings to make use of the new IP address.

This can be quite a hassle so the best and easiest thing to do is assign your PC a Static IP Address.

If you're using Windows 7 you can use the following guide. If not you can read a detailed guide at PortFoward.com for both Vista and XP.

1. Open up the Windows Run Command (Windows Key + R)
2. Type "cmd" (without the "") and press Enter
3. In the Command Prompt, this time type "ipconfig /all" (without the "") and Press Enter.
4. This time you will need to take notice of four separate items:
 - The IPv4 Address
 - Subnet Mask
 - Default Gateway
 - DNS Servers

As pictured below

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Administrator: C:\Windows\system32\cmd.exe

Ethernet adapter Local Area Connection:

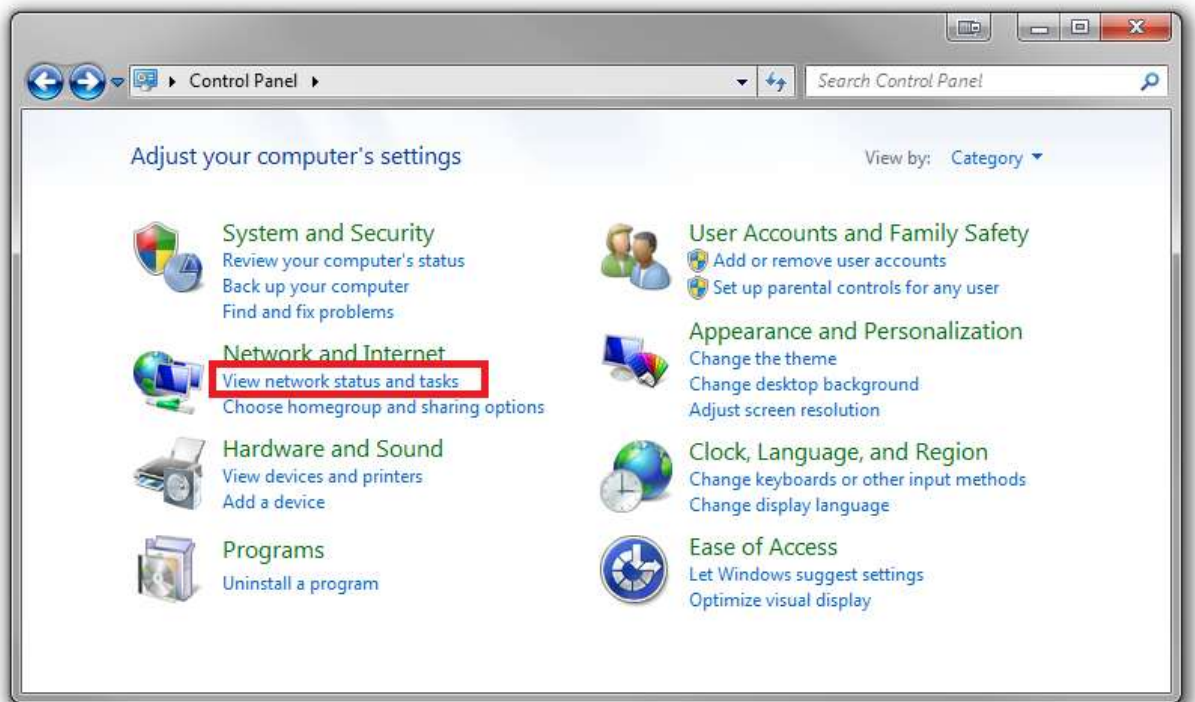
Connection-specific DNS Suffix . : 
Description . . . . . : Realtek PCIe GBE Family Controller

DHCP Enabled. . . . . : No
Autoconfiguration Enabled . . . . : Yes

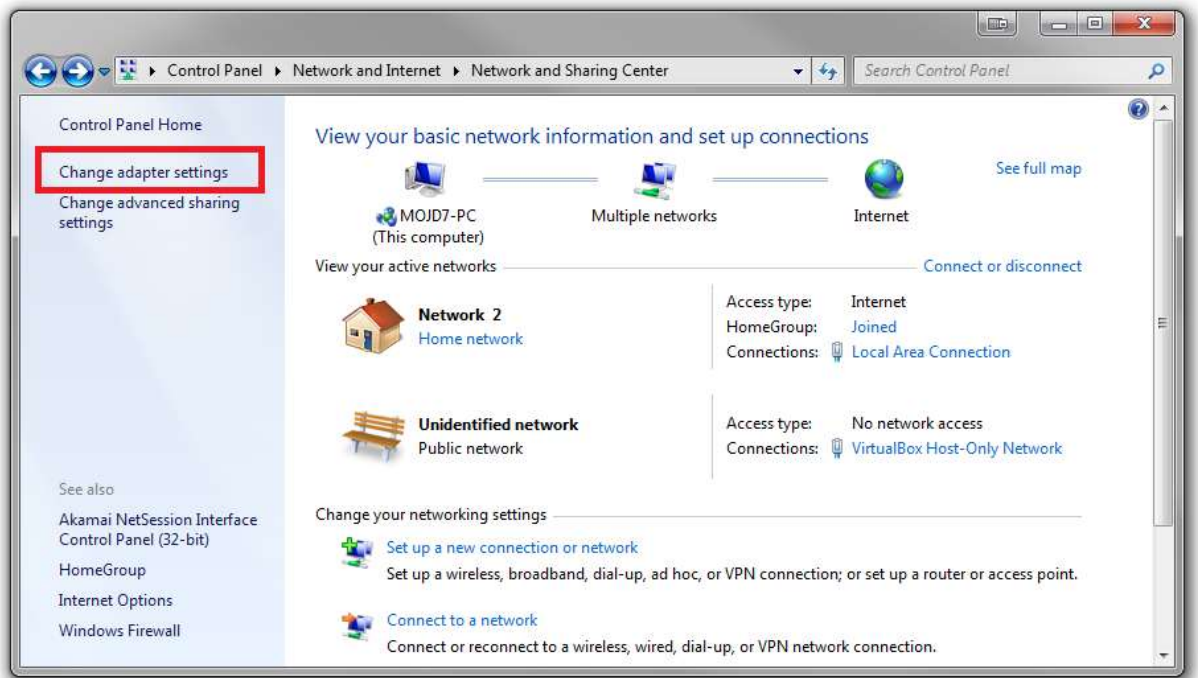
IPv4 Address. . . . . : 192.168.1.222(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.254

DNS Servers . . . . . : 192.168.1.254
                       192.168.1.25
NetBIOS over Tcpi. . . . . : Enabled
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5. Press the Start Menu button and open the Control Panel
6. Click on “View network status and tasks” under the Network and Internet group



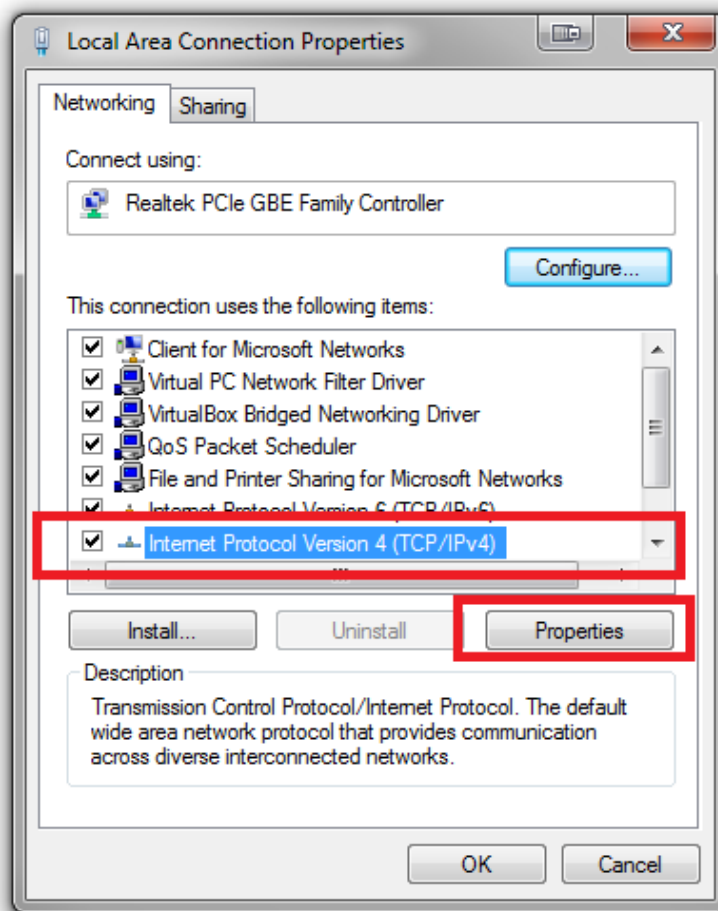
7. Click on “Change Adapter Settings”



8. A screen will appear displaying network used adapters. You might have more than one adapter listed here. If so pick out the adapter which is used to connect to the internet. If you simultaneously connect both through Wireless and Ethernet determine out of these which you use most often.

Highlight the Adapter, Right Click, and select Properties.

9. Move down the list and select "Internet Protocol Version 4 (TCP/IPv4)", then hit Properties



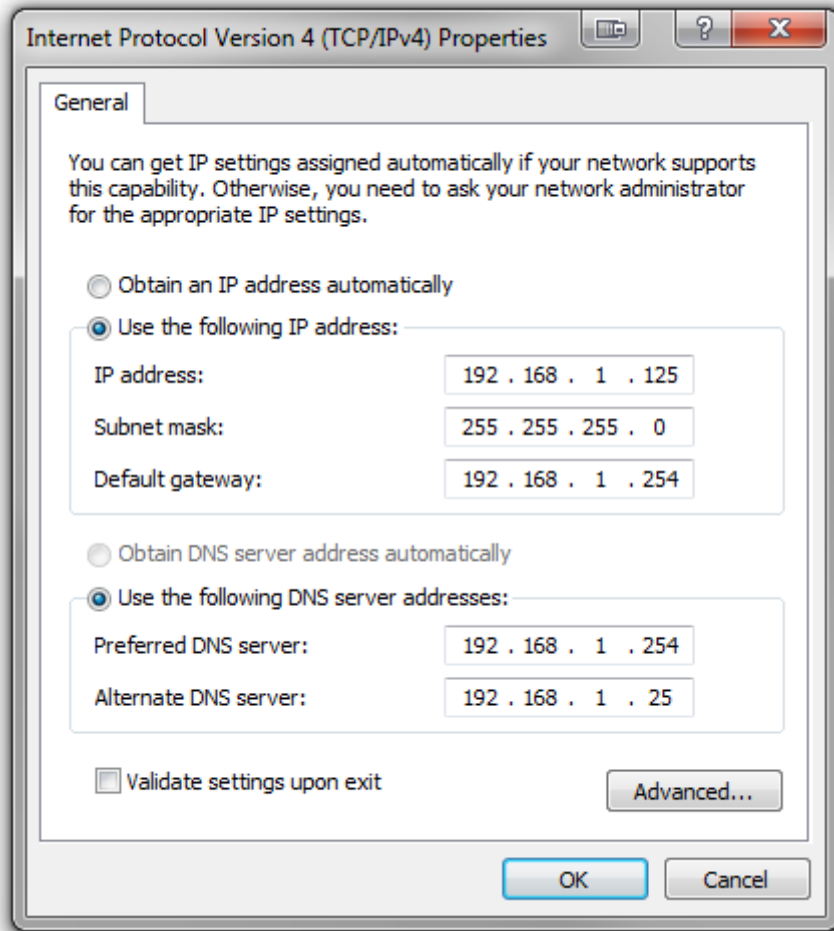
10. Check the Box "Use the following IP Address" and "Use the following DNS server addresses".

We are now going to assign your computer a permanent (static) IP address. Using the IP Address we gathered previously at the start of this step (mine was 192.168.1.222) change the last set of digits (where mine is 222) to a number ranging between 1 and 255.

It is a good idea to set the number greater than 20 so you have little chance of causing interference between another device which is dynamically selected the same IP address as your static IP address.

After you have entered your IP address enter the Subnet Mask, Default Gate, and the DNS Server you found in the first part of this step in the following boxes.

If you were only given one DNS server, leave the alternate blank.



11. Tick the “Validate settings upon exit” box and Click Ok. Your internet connection should refresh (your internet will drop out) and then restore itself with the new IP Address.

Once your internet connection is active again you can check out your new IP Address by running the “ipconfig” command in Windows Run (Windows Key + R, cmd).

If your internet connection has not restored itself after a minute check to see you followed the steps correctly. If you ever wish to remove your static IP follow up to Step 8 part 10 and Check “Obtain an IP address automatically” and “Obtain DNS server address automatically”.

Now that you have changed your IP Address, when you are accessing uTorrent from your browser you will be using the new IP Address.

<http://youripaddress:portnumber/gui/>

Such that mine would be

<http://192.168.1.125:58786/gui/>

5. Port Forward your uTorrent Client

This is the most essential step to getting your uTorrent client to work remotely so that you can access it from another PC or Torrent Remote.

You will need to re-direct incoming traffic destined for uTorrent to the PC which is running your client.

For this you will require two pieces of information:

- Your newly configured IP Address
- Your uTorrent Listening Port

You are now required to find the Port Forwarding Options inside your router / modem and forward your Listening Port to your PC's IP Address. Such that any traffic that comes in on the Listening Port will be transferred to your PC.

As every router / modem is configured differently you will need to go to PortFoward.com, they have assembled a great guide on port forwarding uTorrent clients for almost every piece of hardware imaginable.

Since you already have your uTorrent Listening Port set up and a Static IP you can skip most of the tutorial done by PortFoward.com (which covers these sections) and jump straight into the part specifically talking about port forwarding your client.

If you get stuck on the way with port forwarding (it takes a while to get used to), you can ask questions at a few locations to help:

- Your router / modem hardware vendors forum
- uTorrent forums - <http://forum.utorrent.com/>
- Portforward.com forums - <http://forum.portforward.com/>

6. Set up a DynDNS Account

DynDNS is a service which provides you with a unique URL. You can use this URL to forward to your uTorrent client running on your PC. When accessing your uTorrent client from outside of your home network instead of typing (for example) <http://192.120.25.21:58786/gui/> you can type instead <http://mydyndnsaccount.partofurl.com/gui/> making for a more memorable name.

There are more forwarding services out there than just DynDNS but for our purposes DynDNS suits just fine and best of all they have a free option (you should look into their \$15/yr account though, it's worth it).

1. Head over to [DynDNS](#) and register for an account
2. After you have registered, head to the [Add New Host](#) section
3. Give yourself a unique name and memorable name, as well as choosing a domain address you like
4. Select "Host with IP Address" as the Service Type. In the IP Address section should now be your current IP Address.
5. In the section below "What do you want to use this host for" and select services such as "remote file access" and "web server".
6. Click "Add to Cart"

Your DynDNS account is now setup. There is one more trick though; since your Routers IP address will change every time it restarts or renews for another IP Address you would need to keep going to DynDNS and re-setting the IP Address.

To counter this DynDNS has released a [free software program](#) to download. This software client runs in the background and will monitor and change your IP. Alternatively if your router supports it you can use your DynDNS login credentials in your router settings.

After you have done this the final step is testing that your utorrent client is accessible from the web. The first step is to open your web browser from the computer running utorrent and navigate to your DynDNS account page such as; <http://mydyndnsaccount.partofurl.com/gui/>. If you are met with a screen asking for your utorrent username and password then you have been successful.

The next step is to try and access this same account from a computer outside of your network – ie on a friend's computer. If you are able to access the uTorrent web version then you have successfully completed this tutorial. Congratulations!

7. Setting up Torrent Remote

1. Make sure you have internet access, be it Wifi or 3G Data
2. Start Torrent Remote from your Windows Phone 7
3. Press the Setup Button
4. In "Server Address" enter the DynDNS address that you set up previously. Make sure to include the /gui/ at the end.
5. Enter your username
6. Here you may turn on "Force Update". Force Update allows the phone to constantly receive new torrent information. If you don't turn on Force Update you will have to hit the refresh button to receive this data. Please note that using Force Update will drain the battery quicker.
7. Click Save.
8. Enter your password, with the option to save it.
9. Click Login.

You should now be logged in with Torrent Remote. If you received "login authentication failure" then please check the following:

- Your server, username, and password are correct
- You have Wifi or 3G Data currently turned on
- You can access to the Web UI from a Desktop Browser using the same address, username, and password
- You are running the supported versions of uTorrent and Web UI (found on the first page)

If you have any problems outside of these fields please follow the guide from the beginning and ensure you have done each step correctly before moving on. The most common problems are related to the port forwarding section.

If you are able to access your uTorrent client from a desktop web browser and have the appropriate versions of uTorrent and Web UI installed, yet still can't access uTorrent through Torrent Remote please feel free to send me your problems at thejoker@codejoker.com

Please note that this is a rough guide and may contain a few errors.