

WIRELESS

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DHCP Reservation



This document will detail how to configure DHCP Reservation on the following models

DSL-2730B Revision T1 Firmware AU_2.00

DSL-2740B Revision F1 Firmware AU_2.00

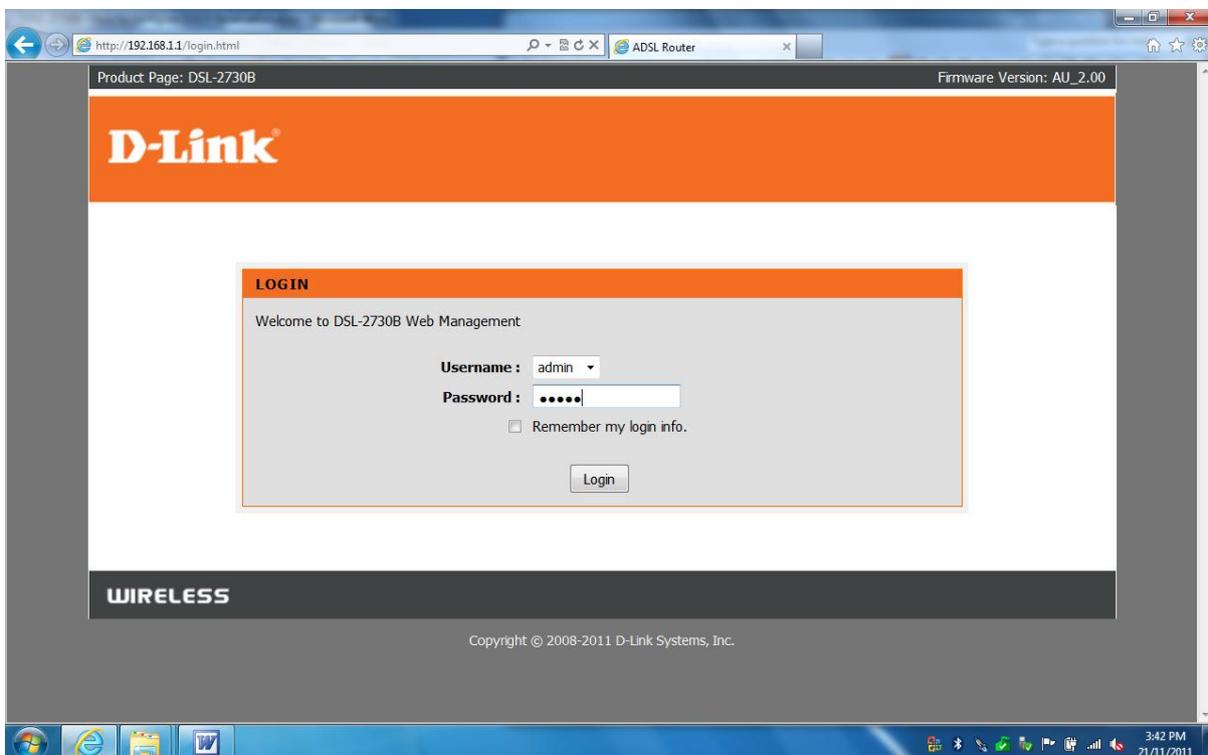
DSL-2750B Revision B1 Firmware AU_2.00

NOTE:

DHCP Reservation is commonly used when a user utilises their PC on other networks and not only their home network.

Reserving an IP for a specific MAC Address will assist the user to obtain the same IP address from the router rather than configuring a manual IP address on their network adapter.

1. Log in to the modem with the computer connected to the modem via Ethernet.
 - URL: <http://192.168.1.1> (default)
 - Username: admin
 - Password: admin (default)



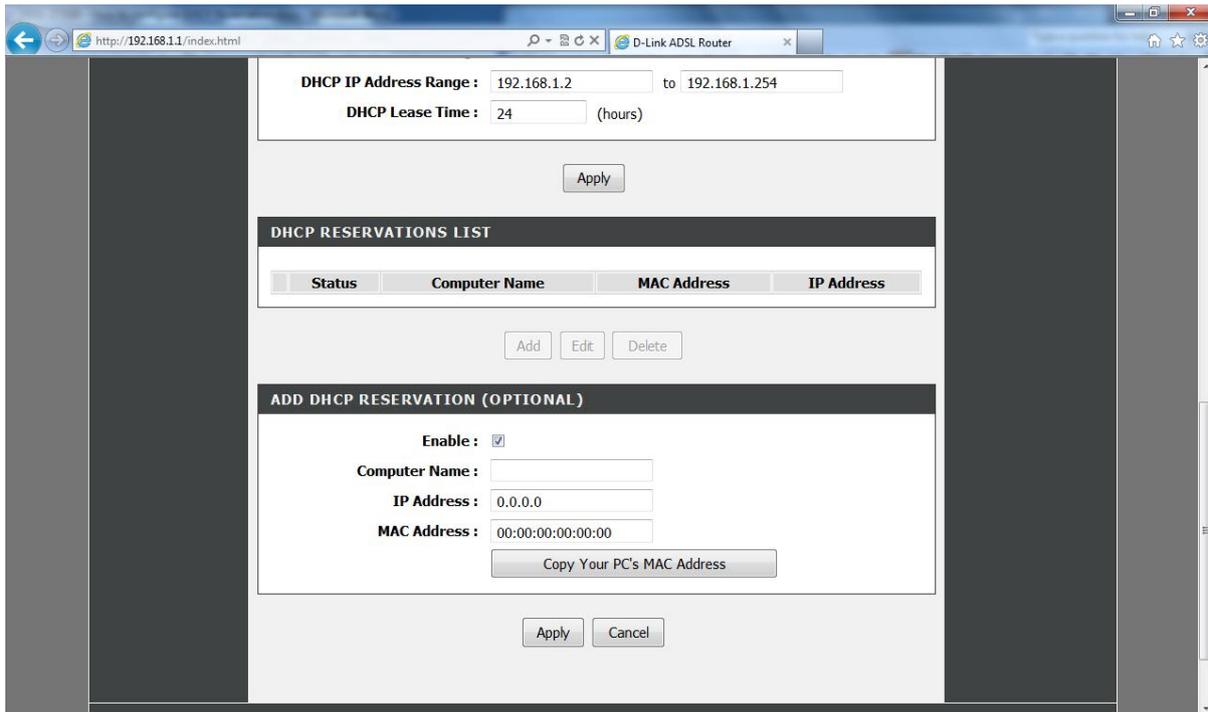
2. Select the **LOCAL NETWORK** button from the left menu.

The screenshot shows the D-Link DSL-2730B web interface. At the top, it displays 'Product Page: DSL-2730B' and 'Firmware Version: AU_2.00'. The main navigation bar includes 'D-Link' and tabs for 'SETUP', 'ADVANCED', 'MAINTENANCE', 'STATUS', and 'HELP'. The left sidebar menu is expanded to show 'LOCAL NETWORK'. The main content area is titled 'LOCAL NETWORK' and contains a sub-section 'ROUTER SETTINGS'. This section includes fields for 'Router IP Address' (192.168.1.1) and 'Subnet Mask' (255.255.255.0). There is a checkbox for 'Configure the second IP Address and Subnet Mask for LAN interface' which is currently unchecked. Below this are fields for 'IP Address' and 'Subnet Mask'. A 'Helpful Hints...' section on the right provides instructions on DHCP server configuration and static IP addresses.

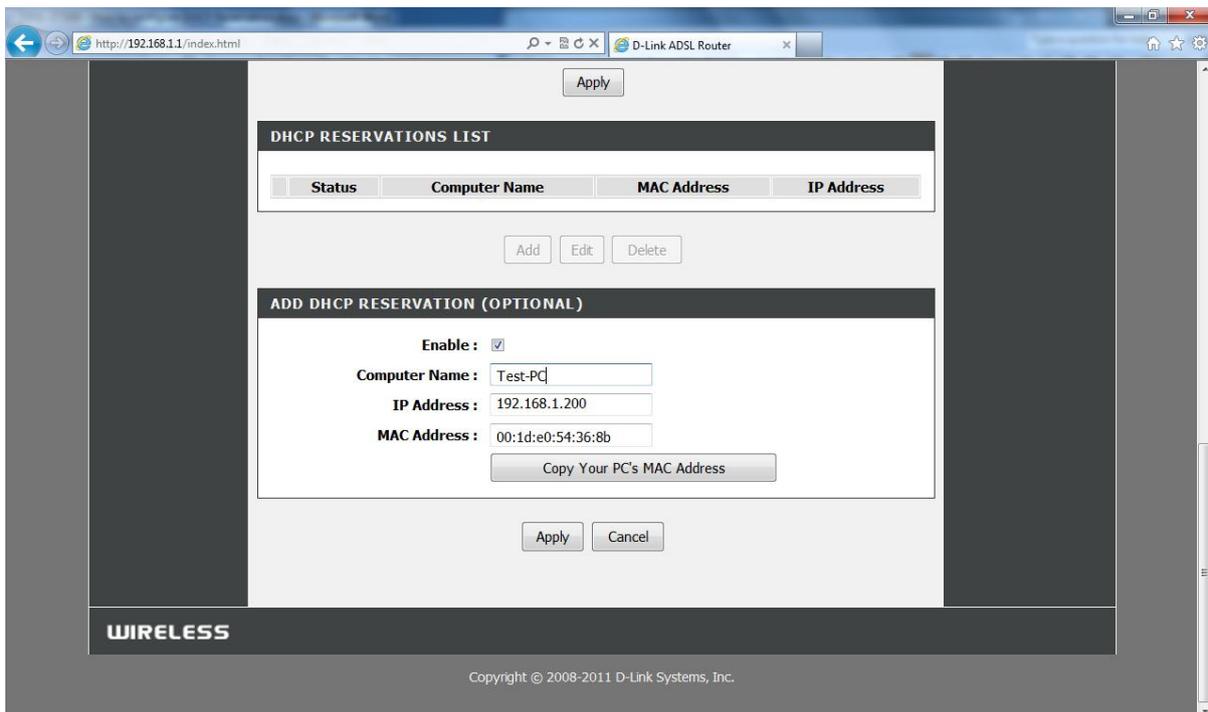
3. Select the **ADD** button under the DHCP Reservation List section.

The screenshot shows the D-Link ADSL Router web interface in a browser window. The address bar shows 'http://192.168.1.1/index.html'. The main content area is titled 'DHCP SERVER SETTINGS (OPTIONAL)'. It includes a 'Subnet Mask' field at the top. Below, there are radio buttons for 'Disable DHCP Server' and 'Enable DHCP Server', with 'Enable DHCP Server' selected. The 'DHCP IP Address Range' is set to '192.168.1.2' to '192.168.1.254', and the 'DHCP Lease Time' is set to '24' hours. An 'Apply' button is located below these settings. The 'DHCP RESERVATIONS LIST' section features a table with columns for 'Status', 'Computer Name', 'MAC Address', and 'IP Address'. Below the table are 'Add', 'Edit', and 'Delete' buttons. The bottom of the page includes a 'WIRELESS' section and a copyright notice: 'Copyright © 2008-2011 D-Link Systems, Inc.'

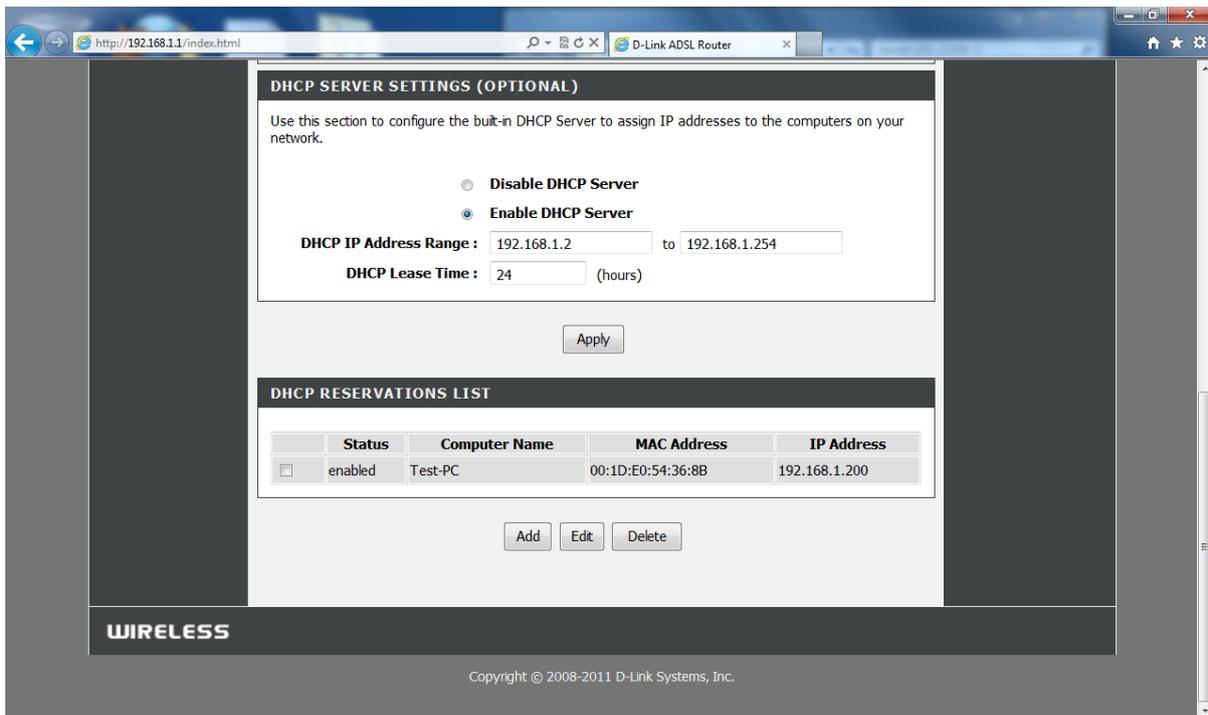
- If you would like to reserve an IP for the PC you are currently using, click **COPY YOUR PC'S MAC ADDRESS**.



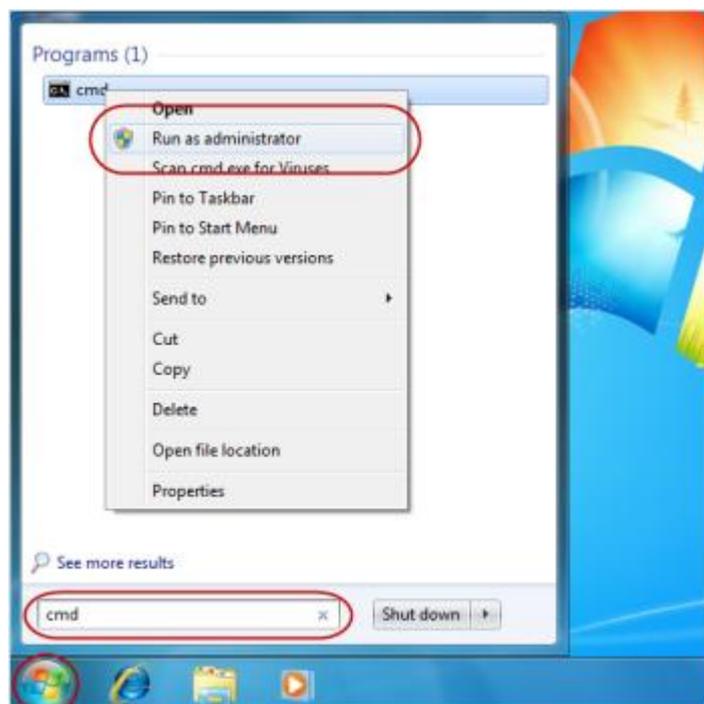
- Enter an IP Address you would like to reserve for the PC e.g. **192.168.1.200**



6. Click **APPLY** to save the changes.



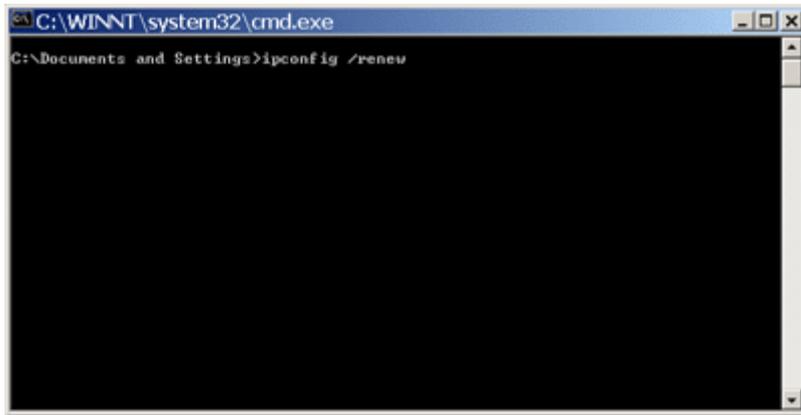
7. To renew the IP Address on the computer, click on the **START** menu and type **cmd** in 'Start Search'.



8. Right click the **cmd** icon that appears in the search results above and select **Run as administrator**.

- Type **ipconfig /release** and press **Enter**
- Type **ipconfig /renew** and press **Enter**

Example Command Prompt window.



```
C:\WINNT\system32\cmd.exe
C:\Documents and Settings>ipconfig /renew
```