

Netgear DGN2000 – example of how to enter settings for “O2” broadband connection:

Log into router configuration interface

STEP 1: Go to Setup > Basic Settings

NETGEAR SMARTWIZARD router manager
Wireless-N ADSL2+ Modem Router model DGN2000

Basic Settings

Does Your Internet Connection Require A Login?
 Yes
 No

Account Name (If Required)
Domain Name (If Required)

Internet IP Address
 Get Dynamically From ISP
 Use Static IP Address
IP Address
IP Subnet Mask
Gateway IP Address
 Use IP Over ATM (IPoA)
IP Address
IP Subnet Mask
Gateway IP Address

Domain Name Server (DNS) Address
 Get Automatically From ISP
 Use These DNS Servers
Primary DNS
Secondary DNS

NAT (Network Address Translation)
 Enable Disable Disable firewall

Router MAC Address
 Use Default Address
 Use Computer MAC Address
 Use This MAC Address

Apply Cancel Test

Does Your Internet Connection Require A Login?: No

Internet IP Address: Use Static IP Address

Static IP: [enter your *assigned IP* here]

Subnet mask: [enter your assigned *subnet mask*] (NOTE: do *not* assume it to be 255.255.255.0!)

Gateway IP: [enter your assigned *gateway IP* here]

Primary DNS server: [enter your assigned *DNS IP* here]

(Click **“Apply”**)

STEP 2: Go to Setup > ADSL Settings

ADSL Settings

Multiplexing Method: LLC-BASED

VPI: 0

VCI: 101

Apply Cancel

Multiplexing Method: LLC

VPI: 0 **VCI:**101 (NOTE: yes, this *IS* meant to be 101 instead of 38!)

(Click **“Apply”**)

STEP 3: Go to Advanced > WAN Setup

Advanced

• WAN Setup

MTU Size (in bytes): 1500

MTU: 1500

(Click **“Apply”**)

That’s it! Go to Maintenance > Router Status to verify connection speed.

ADSL Firmware Version	A2pB023b.d20e
Modem Status	Connected
DownStream Connection Speed	5952 kbps
UpStream Connection Speed	1105 kbps
VPI	0
VCI	101

Please raise a Support ticket if you require assistance; we can change profiles, run line tests, and set rDNS the same day.