



NB5PLUS4 Quick Start Guide for Mac

Start Here

This Quick Start provides basic instructions for connecting your NB5PLUS4 to an Apple Macintosh computer and to the Internet.

- 1. USB Installation.
- 2. Ethernet Installation
- 3. Modem Set-up

Before you can use this Quick Start Guide, you must have already established an ADSL service with your Internet Service Provider (ISP).

These instructions provide a basic set-up configuration that should get home or small office Macs up and running. This will be sufficient for most users.

If you need to perform more advanced configurations, please see the comprehensive User Guide on the supplied CD-ROM for additional instructions.

NOTE: NetComm Technical Support for this product only covers the essential installation and features outlined in this Quick Start Guide. For detailed information regarding the advanced features of this product, please see the configuring sections in the NB5PLUS4 User Guide on the supplied CD-ROM.

Connecting your NB5PLUS4

The NetComm NB5PLUS4 Modem can be connected directly to your Mac via an Ethernet or USB interface.

Warning: Before you begin, turn the power off for all devices. These include your Mac and your NB5PLUS4 Modem.

Do I need to use the MicroFilter?

MicroFilters prevent common telephone equipment – such as telephones, answering machines and fax machines – from interfering with your ADSL service.

If you are using a telephone, fax machine, answering machine or any other equipment (other than your NB5PLUS4 Modem) on your ADSL-enabled phone line, you will need to use one Micro filter for each phone device.

Splitters are sometimes installed when your ADSL service is installed. If your telephone line is split you will not need to use a MicroFilter. Please check with your ADSL service provider if you are unsure.

Each MicroFilter is connected in-line with your telephone or fax machine so that all signals for these devices pass through the MicroFilter. Refer to the comprehensive User Guide supplied on the CD-ROM for more information.

USB INSTALLATION

Important Note: To connect your NB5+4 to your Mac via USB, you will need to install a special utility that creates a new virtual Ethernet port on your Mac. This process shows you how to do this.

Step 1 - Install the Hardware

To connect your modem using the USB cable, follow these step-by-step instructions:

1. Connect the ADSL cable.

Connect one end of the telephone cable provided to the port labelled ADSL on the rear panel of your NB5PLUS4. Connect the other end to your wall phone jack.

2. Connect the USB cable.

Connect one end of the USB cable provided to a USB port on your Mac and the other end of the cable to the USB port of your NB5PLUS4.

3. Attach the power connector.

Connect the AC power adapter to the Power connector on the back of the NB5PLUS4 and plug in the adapter into a wall outlet or power strip.

4. Switch on the power. Your NB5PLUS4 will start up. Turn on your Mac.

Step 2 – Set up your Mac

This is how to configure your Mac to work with your NB5PLUS4 Modem using USB.

Mac OS X (10.2 to 10.4)

Please note that you cannot use USB with versions of the Mac OS prior to 10.2. If you wish to use a Mac OS prior to 10.2, you will have to connect your Mac to the NB5PLUS4 via Ethernet.

- 1. Locate and double-click the file NB5+4/W USB Installer.pkg. This will launch an Installer called "USBCDCEthernetv1_2 Installer".
- 2. Click "Continue".
- 3. If you are offered a choice of hard drives upon which to install the software, choose your startup drive. Otherwise, choose the only drive offered. Click "Continue".
- 4. Click "Install" or "Upgrade".
- 5. If you are asked to enter an Administrator's User Name and Password, please do so. If you do not have the Administrator's User Name and Password, you must contact the person who does have them. If you cannot do this, you will not be able to install the software.

- 6. When the Installation has finished, you will be asked to Restart your Mac. Please do so.
- 7. When your Mac has restarted, go to the Apple menu and select System Preferences.



8. The Systems Preferences window opens.



9. In the Systems Preferences window, locate the "Internet and Network" heading and click once on the Network icon. A dialogue box will display, confirming that your driver installation was successful and that the new virtual Ethernet port has been created correctly.



- 10. Click OK.
- 11. The Network window opens.

Loca	ition: Automatic	•
S	how: Ethernet Adaptor (en2)	•
TCP/IP	PPPoE AppleTalk Proxies Eth	ernet
Configure IPv4:	Jsing DHCP	
IP Address:	(Renew DHCP Lease)
Subnet Mask:	DHCP Client ID:	
Router:	1	(If required)
DNS Servers:		(Optional
Search Domains:		(Optional
IPv6 Address:		
e	Configure IPv6	(1

12. If you want to use this Mac in more than place (perhaps at home as well as at your workplace) or on more than one network, you can achieve this easily by setting up a Location for each place or network. Swapping Locations then becomes a simple matter of selecting the appropriate Location. If you wish to do this, you will need to click on the "Location" pop-up menu and select "New Location...". You will be asked to name your new location.

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Il users of this computer will be able to hoose this location in the Apple menu vithout entering a password.	

- 13. Give your New Location a meaningful name and click OK. Make sure that the Location you have just created is displayed in the Location pop-up menu,
- 14. If you do not wish to set up more than one Location, make sure that the Location pop-up menu is set to "Automatic".
- 15. Click on the "Show" pop-up menu and select "Ethernet Adapter (en2)". Click on the TCP/ IP tab. The TCP/IP settings will be displayed. Click on the "Configure" pop-up menu ("Configure iPV4" if you're using Mac OS 10.3) and select "Using DHCP". Click on Apply Now to save the changes.

Your dialog box should now look like this:

now All Displays Sour	Network Startup Disk	
Lo	ocation: Automatic	
	Show: Built-in Ethernet	
TCP/	IP PPPoE AppleTalk Proxies Ethernet	}
Configure IPv4:	Using DHCP	
IP Address:	192.168.1.3 Renew	DHCP Lease
Subnet Mask:	255.255.255.0 DHCP Client ID:	
Router:	192.168.1.1 (if requ	ired)
DNS Servers:		(Optional)
Search Domains:		(Optional)
IPv6 Address:	fe80:0000:0000:0000:020a:95ff:fe8d:5b2a	
	Configure IPv6	(?)

- 16. If your Mac does not accept an IP address from the DHCP server in your NB5PLUS4 and the IP address field remains blank, try selecting "Using DHCP with manual address" from the "Configure" pop-up menu ("Configure iPV4" if you're using Mac OS 10.3) and entering 192.168.1.3 in the "IP address" field.
- 17. Click on the "Show" pop-up menu and select "Network Status". Check to see that the bullet alongside "Ethernet Adaptor (en2)" is green.

	9	Network		
•	Show All		Q	
	Location	n: Automatic		
	Shov	v: Network Status	\$	
Θ	Ethernet Adaptor (en2)	Ethernet Adaptor (en2) is currently 192.168.1.3. You are connected to Adaptor (en2).	active and has the IP address the Internet via Ethernet	
0	Built–in Ethernet	Built-in Ethernet is currently active. assigned IP address and may not be Internet.		
•	AirPort	AirPort is currently off.		
	e	Configure) Connect.		

18. Close the Network window by clicking the red close button (System 10.3) or select "Quit System Preferences" under the "System Preferences" menu (System 10.2 or earlier).

ETHERNET INSTALLATION

Step 1 - Install the Hardware

To connect your modem using the Ethernet cable, follow these step-by-step instructions:

5. Connect the ADSL cable.

Connect one end of the telephone cable provided to the port labelled ADSL on the rear panel of your NB5PLUS4 Modem. Connect the other end to your wall phone jack.

6. Connect the Ethernet cable.

Connect one end of the Ethernet cable provided to the Ethernet port on your Mac and the other end of the cable to the Ethernet port of your NB5PLUS4 ADSL Modem.

7. Attach the power connector.

Connect the AC power adapter to the Power connector on the back of the NB5PLUS4 and plug in the adapter into a wall outlet or power strip.

8. Switch on the power. Your NB5PLUS4 will start up. Turn on your Mac.

Step 2 - Set up your Mac

This is how to configure your Mac to work with your NB5PLUS4 ADSL Modem.

Mac OS 9.

- 1. From the Apple Menu, select Control Panels, and then select TCP/IP from the secondary menu.
- 2. From the "Connect via" pop-down menu, select "Ethernet".

	TCP/IP (Netspace)	E
Connect via:	AppleTalk (MacIP) Ethernet PPP	Use 802.3
Configure :	Using DHCP Server	Select Hosts File
DHCP Client ID :		Implicit Search Path : Starting domain name :
IP Address:	$\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\vee}}}}$ will be supplied by server $\boldsymbol{\boldsymbol{\boldsymbol{\vee}}}$	
Subnet mask :	\langle will be supplied by server \rangle	Ending domain name :
Router address:	< will be supplied by server >	Additional Search domains :
Name server addr.:		
lnfo		Options

3. From the "Configure" pop-up menu, select "Using DHCP Server".

	TCP/IP (Netspace)	E
Connect via: Setup	Anually Using BootP Server	Use 802.3
Configure :	Using DHCP Server Using RARP Server	Select Hosts File
DHCP Client ID :		Implicit Search Path : Starting domain name :
IP Address:	< will be supplied by server >	
Subnet mask :	<pre>< will be supplied by server ></pre>	Ending domain name :
Router address :	 will be supplied by server > 	Additional Search domains :
Name server addr.:	1	
linfo		Options

4. Click the close box to close the TCP/IP configuration box. When asked if you wish to save the changes, click YES.

Mac OS X (10.3 Panther & 10.4 Tiger)

1. From the Apple menu, select System Preferences.

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So	oftware L	Ipdate			
M	ac OS X	Softwa	re		
Sy	stem Pre	eferen	ces		
D	ock				•
Lo	ocation				•
Fo	orce Quit				C#5
SI	eep				
Re	estart				
Sh	ut Dowr	1			
Lo	g Out A	ndrew	Thom	pson	企業Q

2. The Systems Preferences window opens.



3. In the Systems Preferences window, locate the "Internet and Network" heading and click once on the Network icon. The Network window opens.

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ow: Interr	nal Modem		•
PPP TCP	/IP Proxies	Modem	}
ider:			(Optional)
ame:			
vord:			
nber:			
nber:			(Optional)
Ch	ecking this box		
PPI	Options)	Dial No	w
	PPP TCP; rider: arme: mber: sac ch acc	PPP TCP/IP Proxies rider: ame: vord: nber: Save password Checking this box	Now: Internal Modem PPP TCP/IP Proxies Modem ider: ame: vord: Save password Checking this box allows all users access this Internet account witho

4. If you want to use this Mac in more than place (perhaps at home as well as at your workplace) or on more than one network, you can achieve this easily by setting up a Location for each place or network. Swapping Locations then becomes a simple matter of selecting the appropriate Location. If you wish to do this, you will need to click on the "Location" pop-up menu and select "New Location…". You will be asked to name your new location.

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	s computer will be able to ation in the Apple menu 1g a password.

- 5. Give your New Location a meaningful name and click OK. Make sure that the Location you have just created is displayed in the Location pop-up menu.
- 6. If you do not wish to set up more than one Location, make sure that the Location pop-up menu is set to "Automatic".
- Click on the "Show" pop-up menu and select "Built in Ethernet". Click on the TCP/IP tab. The TCP/IP settings will be displayed. Click on the "Configure" pop-up menu ("Configure iPV4" if you're using Mac OS 10.3) and select "Using DHCP". Click on Apply Now to save the changes.

Your dialog box should now look like this:

8. If your Mac does not accept an IP address from the DHCP server in your NB5PLUS4 and the IP address field remains blank, try selecting "Using DHCP with manual address" from the "Configure" pop-up menu ("Configure iPV4" if you're using Mac OS 10.3) and entering

192.168.1.3 in the "IP address" field.

9. Click on the "Show" pop-up menu and select "Network Status". Check to see that the bullet alongside "Built-in Ethernet" is green.

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ihow All Displays	Sound Netwo		
 Built-in Etl Internal Mu 	B hernet 1 E	uilt-in Ethernet is currently active and has the IP address 92,168,1.3. You are connected to the Internet via Built-in thernet. Iternal Modem is not set up.	

10. Close the Network window by clicking the red close button (System 10.3) or select "Quit System Preferences" under the "System Preferences" menu (System 10.2 or earlier).

MODEM SET-UP

You will now log directly into the configuration page of your ADSL Modem and configure basic settings for your Internet connection. Your ISP should provide you with the necessary information to complete this step.

To make it as easy as possible for you, there is a single Quick Configuration page for the settings that you most likely need to change before using your ADSL Modem.

To configure your NB5PLUS4 ADSL Modem, follow the steps below:

- 1. Open a web browser such as Safari or Internet Explorer.
- 2. In the Location Bar, type 192.168.1.1 and press Enter.



3. Your browser will locate your ADSL Modem and the modem's logon page will be displayed.

Piease Log In to continue.		
	Log In Username Password:	
		(tog in)

4. Enter the username and password. The default username is admin. The default password is admin. Click on OK.

Please Log In to continue.		
	Log In Usemame: admin Password:	
		Log In

5. The Quick Settings will be displayed.

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Top 100 sites Mango v Clients v DM v	VolP 🔻	Email 🔻	Tools v	CSS 🔻	Mail 🔻	Hosting v	Stats 🔻	IP 🔻	News v	Financial v	
>Quick Start											
EasyConfig											
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Advanced Settings											

- 6. Make sure that PPPoE is selected, enter the username and password that your ISP has provided and click on Apply.
- 7. You will see a message "Settings Updated Successfully!" and the Quick Settings page will again be displayed. After a few seconds, the Connection Status should show green. If this does not occur, please check that you have entered your User Name and Password exactly as your ISP has specified.
- 8. You have now completed the set-up which will be sufficient for most uses. You should now be able to access the Internet by selecting one of your Favourites or Bookmarks or by entering a URL in the Location Bar.
- 9. You may need to change the settings in Mail, Outlook Express or whatever email application you use. Your ISP will supply these settings.
- 10. If you need to perform more advanced configurations, please see the comprehensive User Guide on the supplied CD-ROM for additional instructions.