

MAC Address Filtering Setup Modem Router - NF4V







NF4V

MAC Address Filtering

MAC address filtering refers to the process of allowing (or denying) access to your wireless network based on the hardware address of the device attempting to connect.*

This Wireless MAC address is usually printed on the underside of the device that you are attempting to allow (or deny) access to.

Ensure you are making any MAC address filtering configuration changes from an ethernet connected computer.



If you are not able to do this, remember to add the MAC address of the computer you are making the configuration changes from to the allowed access list.

You will lock yourself out of the wireless network if you do not and an ethernet connection will be required.

* - If supported by your model of modem / router

Enable MAC address filtering

This guide will take you through the process of enabling MAC address filtering.

LOGGING IN TO THE WEB INTERFACE

- 1. Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type http://192.168.20.1 into the address bar and press enter.
- 2. At the login screen, type admin into both the Username and the Password fields and click OK.

Authentication	Required	×
The server http://1	92.168.20.1:80 requires a username and	
password. The serv	ver says: Broadband Router.	
User Name:	admin	
Password:	admin	

3. Select Wireless menu at the left of the page and then click on MAC Filter option.

🚔 NetCo	mm Wireless
NF4V	Wireless MAC Filter
Device Info Basic Setup Advanced Setup Wireless	Select SSID: NetComm 9093 ▼ → YOUR WIRELESS NETWORK NAME MAC Restrict Mode: Disabled Allow Deny
Basic Security MAC Filter Wireless Bridge Advanced	Add Remove

- 4. Check the SSID which you wish to use in the Select SSID field.
- 5. Set the MAC Restrict Mode from disable to either Allow or Deny (the connection to the router). Any device with a MAC address in the MAC address list will be Allowed or Denied access. The example above shows the MAC Restrict Mode set to Allow, meaning only those wireless devices listed in the MAC address list will have access to the wireless network. All others will be denied.
- 6. Click the Add button.

춣 NetCo	mm Wireless
NF4V	Wireless MAC Filter Enter the MAC address and click "Apply/Save" to add the MAC address to the wireless MAC address filters.
Device Info Basic Setup Advanced Setup Wireless Basic Security MAC Filter	MAC Address: 00:FF:75:CF:EF:78 Apply/Save

- Enter the MAC address of the wireless device you wish to add to the MAC address filter list then click Apply/Save. For the MAC Address format, enter a colon (:) after every two characters except for the end.
- 8. The MAC address should now be listed as the example below shows.

충 NetCo	mm Wireless
NF4V	Wireless MAC Filter
Device Info Basic Setup	Select SSID: NetComm 9093 V
Advanced Setup Wireless	MAC Restrict Mode: O Disabled O Allow Deny
Basic Security	MAC Address Remove
MAC Filter Wireless Bridge	00:FF:75:CF:EF:78
Advanced Station Info	Add Remove

9. You will then need to repeat this process for any subsequent devices that you want to allow to access your wireless network.

How to Find a Computer's MAC Address (Windows 7 and 8) 🚥 🚥

Option 1:

1) For windows 7 : Click the Start at the bottom left of your screen,

For Windows 8 : press Windows logo Icon and R together

2) Type ncpa.cpl into the search box and press ENTER.



3) *Right-click* your **Local Area Connection** and *select* **Status**.



4) Click Details and the Physical Address is your MAC Address.

- LU.	ral Area Connection Status	
Organize Disable this network devi	ral	
Local Area Connection		
Network 199 Con	nection Bud Connectivity	No Internet accord
Realter PCIe GBE Family Contro	Pv6 Connectivity:	No Internet access
	Media State:	Enabled
1	Duration:	6 days 01:12:44
	Speed:	1.0 Gbps
l	Details	
Act	sent —	Received
	Properties Disable	1, 205, 245, 667 Diagnose
		Close
Control Panel + Netwo		
Organize Disable this network devi Local Area Connection Naturals 100	Network Connection Deta	tails
Realtek PCIe GBE Family Contro	Property	Value
	Connection-specific DN.	Home
	Description	Realtek PCIe GBE Family Controller
	Physical Address	50-E5-49-92-38-73
	DHCP Enabled	Yes
	IPv4 Address	192.168.1.2
	IPv4 Subnet Mask	255.255.255.0
	Lease Obtained	Monday, 10 March 2014 12:27:41 p.m.
	Lease Expires	192 162 1 1
	II V + Deidult Gateway	132.100.1.1
	IPv4 DHCP Server	192 168 1 1
	IPv4 DHCP Server	192.168.1.1 192.168.1.1
	IPv4 DHCP Server IPv4 DNS Servers	192.168.1.1 192.168.1.1 192.168.1.1
	IPv4 DHCP Server IPv4 DNS Servers IPv4 WINS Server	192.168.1.1 192.168.1.1 192.168.1.1
	IPv4 DHCP Server IPv4 DNS Servers IPv4 WINS Server NetBIOS over Tcpip En.	192.168.1.1 192.168.1.1 192.168.1.1 Yes
	IPv4 DHCP Server IPv4 DNS Servers IPv4 WINS Server NetBIOS over Topip En. Link-local IPv6 Address	192.168.1.1 192.168.1.1 192.168.1.1 Yes fe80::299d:77e2:e60a:4cc6%12
	IPv4 DHCP Server IPv4 DNS Servers IPv4 WINS Server NetBIOS over Topip En. Link-local IPv6 Address IPv6 Default Gateway	192.168.1.1 192.168.1.1 192.168.1.1 Yes fe80::299d:77e2:e60a:4cc6%12
	IPv4 DHCP Server IPv4 DNS Server NetBIOS over Topip En. Link-local IPv6 Address IPv6 Default Gateway IPv6 DNS Server	192.168.1.1 192.168.1.1 192.168.1.1 Yes fe80::299d:77e2:e60a:4cc6%12 fe80::248f:6316:3f4e:52dd%12
	IPv4 DHCP Server IPv4 DNS Server NetBIOS over Topip En. Link-local IPv6 Address IPv6 Default Gateway IPv6 DNS Server	192.168.1.1 192.168.1.1 192.168.1.1 Yes fe80::299d:77e2:e60a:4cc6%12 fe80::248f:6316:3f4e:52dd%12

Option 2:

1) For windows 7 : Click the Start at the bottom left of your screen,

For Windows 8 : press Windows logo Icon and R together

2). In the search box, type in **cmd** and press enter.

Programs (1)]		
₽ See more results			
[cmd]		×	Shut down 🔸

3. In the command prompt, type in **getmac** (with no spaces) and push enter.





