

Wi-Fi 7 BE6400 GATEWAY WITH VOICE AND xDSL

NF71

Designed for NBN ISPs, the **NetComm NF71 Wi-Fi Gateway** delivers Wi-Fi 7, EasyMesh®R5, xDSL and voice connectivity into Australian homes.



Wi-Fi 7 IS HERE

The **NF71 Wi-Fi 7 Gateway** is equipped with **Wi-Fi 7** ready for the high throughput demands of today's devices. **Wi-Fi 7** is the newest iteration of Wi-Fi, increasing the speed of your home network and boosting range using multi-band technology to ensure a stronger and more reliable connection with your devices.

Features 4x4 Wi-Fi antenna setup for ultimate Wi-Fi coverage and throughput and wireless speeds up to **6.4Gbps***.



MADE FOR NBN

The **NF71** is designed to be fully compatible with Australian Internet Service Providers on the **NBN network**, offering features such as **FTTN** compatibility and **VoIP** functionality. The **NF71** is perfect for ISPs looking to deliver the latest **Wi-Fi 7** technology to their customers.



AURORA APP FOR EASY SETUP AND CONFIGURATION

Our **Aurora: Device Assistant app** connects with the **NF71** and guides you easily through the setup process. After configuration, the **Aurora: Device Assistant app** acts as a companion, providing easy and user-friendly access to features such as parental control and guest Wi-Fi configuration.

KEY FEATURES



NEXT GENERATION WI-FI 7 EASY MESH® R5 SATELLITE

Bring high speed Wi-Fi 7 to all corners of your home by adding **NS71 Wi-Fi 7 EasyMesh Satellites**. The **NS71 Wi-Fi 7 EasyMesh Satellites** expand your Wi-Fi network, increasing the range and throughput. Additionally, the Satellites are equipped with two **2.5GE LAN** ports, allowing you to connect the latest high-speed wired devices directly to the **Satellites**.



DESIGNED TO GO FAST

Equipped with **2.5GE WAN** and **2.5GE LAN** ports to eliminate bottlenecks, the **NF71** is futureproofed for new high speed NBN tiers. The **NF71** delivers concurrent 4k streaming, seamless video calls and a great gaming experience.



STAY IN TOUCH

The **NF71 Wi-Fi 7 Gateway** includes **VoIP** functionality, allowing you to connect a telephone handset for **HD quality voice calls**.





AURORA

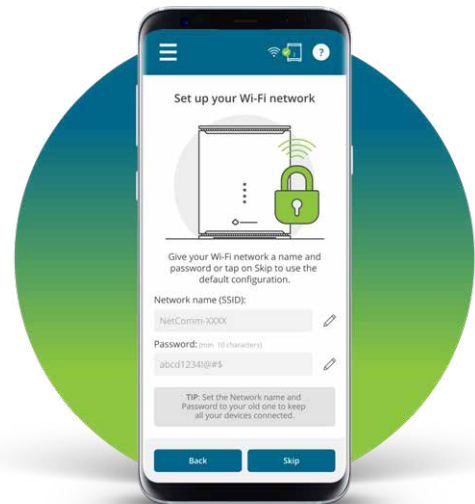
Device Assistant app

is a user-friendly companion app for your NetComm gateway and satellites, providing you with all the features you need to configure and manage your network.

GUIDED SETUP

The Aurora - Device Assistant app guides you through your initial internet connection configuration using WAN or xDSL. It then helps to set up your Wi-Fi to meet the needs of your home. If the app detects any problems, you are guided through troubleshooting to assist in resolving issues.

If you install one of our Satellites alongside the NF71, the app guides you on finding the best location for the highest speed and Wi-Fi coverage.



WHOLE NETWORK MANAGEMENT

Manage your network, including creating Guest Wi-Fi networks and sharing your Wi-Fi details all through the Aurora - Device Assistant app. Advanced management of the Gateway, such as firmware upgrades and troubleshooting are also accessible through the app

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES

- › 1 x 2.5GE WAN/LAN port
- › 1 x 2.5GE LAN port
- › 1 x DSL port
- › 1 x Phone port (VoIP)
- › 1 x Reset button
- › 1 x WPS button
- › 1 x Wi-Fi on / off button
- › 1 x Power switch
- › 1 x Power jack
- › LED (Power / Internet / Wi-Fi / WAN/ DSL/ Phone)
- › 1 x LED Button

ETHERNET WAN

- › PPPoE, DHCP client, Static IP

VDSL

- › PPPoE/PPPoA/IPoA/ Static IP/ Dynamic IP/ Bridge
- › ITU-T G.993.2 VDSL2
- › Supports 8a,8b,12a,12b,17a, 30a, 35b profile
- › Supports ATM and PTM
- › Supports G.INP

VOIP PROTOCOLS

- › SIP2.0
- › G.711, G.723 and G.726
- › FAX T.38 FAX Relay

WIRELESS

- › Compatible with IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11be
- › Supports concurrent dual-band Wi-Fi 2.4GHz (2x2) / 5GHz (4x4) wireless
- › Supports 160MHz channel
- › **Wi-Fi Speeds:** 5764 Mbps (5 GHz) + 688 Mbps (2.4 GHz)*
- › SSID broadcast or hidden
- › Auto / Manual channel selection
- › **Wireless security:** WPA / WPA-PSK / WPA2 / WPA2-PSK / WPA3
- › Wireless EasyMESH release 5 support

SECURITY

- › Firewall
- › MAC filtering

ROUTING

- › Static Route
- › Dynamic Route (RIP v1/v2)
- › DMZ
- › Supports Layer 2 Bridge Mode

ADMINISTRATION

- › Quality of Service
- › SNMP
- › UPnP
- › Syslog
- › Web-based UI
- › Remote Login
- › TR-069 Auto provisioning
- › Backup / Restore Settings

ENVIRONMENTAL AND PHYSICAL

- › **Operating temperature:** 0–40°C Humidity: 10%–95% (non-condensing)
- › **Storage temperature:** -10–60°C, Humidity: 5%–95% (non-condensing)
- › **DC Input Voltage:** 12V / 2A
- › **Dimensions:** 190 (W) x 206 (H) x 50 (D) mm
- › **Weight:** 0.725kg (approx.)

COMPLIANCE

- › RCM
- › NZ Telepermit

*Maximum wireless signal rates refer to the theoretical speeds based on IEEE 802.11 standards. Actual wireless data speeds, coverage, and the number of connected devices may differ and are not guaranteed, as they depend on factors such as the internet service provider, network conditions, device capabilities, and environmental influences like building construction

NetComm NF71 Spec Sheet Rev 4

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