



Wi-Fi 7 BE6400 EASYMESH SATELLITE

NS71

The **NS71 EasyMesh Satellite** supports both wireless and wired connection to EasyMesh gateways to form a single powerful Whole Home Wi-Fi 7 Mesh network.



Wi-Fi 7 IS HERE

The **NS71** 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***.



OUT OF THE BOX SATELLITE PAIRING

Pairing of the **NS71 Satellite** with an **NF71 Gateway** is easily preconfigured using our **Mesh Provisioning Manager** portal.

The portal allows ISPs to pair gateways and satellites prior to shipping to the customer to ensure a seamless plug-and-play mesh experience right out of the box.



AURORA APP FOR EASY SETUP AND CONFIGURATION

The **Aurora: Device Assistant app** provides easy and user-friendly access to support installation, configuration and optimisation of your Whole Home Mesh network. Features include, status monitoring, system controls, mesh configuration and firmware updates.

AURORA DEVICE ASSISTANT



AURORA

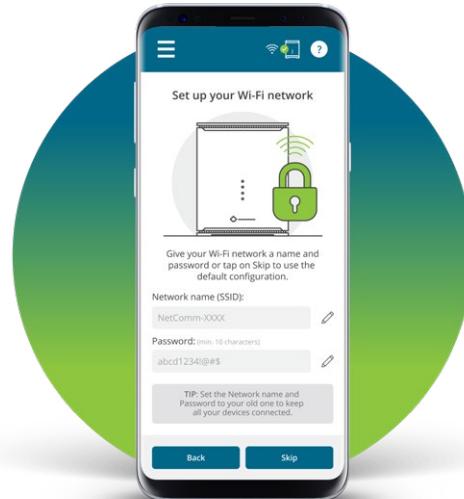
Device Assistant app

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.

KEY FEATURES CONT.



NEXT GENERATION Wi-Fi 7 EASYMESH SATELLITE

The **NS71** is **EasyMesh** compatible, offering improved range and throughput. Additionally, the Satellites are equipped with two 2.5GE LAN ports, allowing you to connect the latest high-speed wired devices to the Satellites.



EASY STATUS UPDATES

The **NS71** is equipped with an easy-to-understand **LED status indicator**, providing information about the status of the mesh connection, including the connection strength, pairing status and pairing mode.

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES

- › 2 x 2.5GE LAN ports
- › 1 x WPS button
- › 1 x Power switch
- › 1 x Power jack
- › 1 x Multi-function LED
- › 1 x LED button
- › 1 x Wi-Fi on/off button

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
- › **Wi-Fi speeds:** 5,764 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
- › EasyMesh™ release 5

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

*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 NS71 Spec Sheet Rev 3

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