NetComm Wireless Limited is now a part of Casa Systems, Inc. Casa Systems, the future of NetComm.

**WI-FI 6**

**CLOUDMESH HYBRID GATEWAY**

**NL20MESH**

Bring the new adaptive Wi-Fi experience to your home with the Wi-Fi 6 CloudMesh Hybrid Gateway.

**WI-FI 6 IS HERE**

Wi-Fi 6 is taking your Wi-Fi further, delivering significant speed, performance and efficiency improvements.

With up to four times more device capacity than Wi-Fi 5, Wi-Fi 6 brings the improved performance to more devices on your network. Your Wi-Fi 6 Hybrid Gateway will future-proof your Wi-Fi experience and will enable the ultimate smart connected home.

**MESH ENABLED**

The Wi-Fi 6 CloudMesh Hybrid Gateway (NL20MESH) works wirelessly with the CloudMesh Satellite (NS-02), forming a powerful whole home Wi-Fi Mesh network with all the control and settings centralised on the Gateway. WiFi devices can seamlessly connect and roam between the CloudMesh Gateway and Satellite to ensure optimal connectivity to the WiFi network.

**WI-FI AUTOPILOT**

Every CloudMesh Gateway includes the CloudMesh Wi-Fi AutoPilot. Wi-Fi AutoPilot constantly scans and analyses your Wi-Fi network environment and if any detrimental changes are detected, the Wi-Fi AutoPilot adjusts the gateway’s Wi-Fi parameters. Any action taken is based on a patented and weighted algorithm ensuring the internet connection experience is never compromised. It ensures that every Wi-Fi client device is connected on the best possible channel, using the fastest available band, at the perfect RF power level, utilising the closest Wi-Fi access point.
EASY PAIRING WITH CLOUDMESH SATELLITES

CloudMesh is an out-of-the-box solution allowing for a Zero Touch configuration experience as well as an easy and fast alternative for in-home setup using WPS buttons.

WORKS WITH WI-FI ANALYTICS PLATFORM

The CloudMesh Wi-Fi Analytics Platform is a fully integrated cost-effective solution that provides visibility into the health of each individual Wi-Fi home network.

CloudMesh creates superior end-user experiences by enabling proactive diagnostic, management, and control of the home Wi-Fi environment, helping resolve even the most elusive Wi-Fi problems.

MADE FOR NBN AND UFB

Featuring a Gigabit WAN port as well as VDSL2/ADSL2 technologies, the CloudMesh Hybrid Gateway will connect with FTTN, FTTB, FTTC and FTTH. The Gateway also features VoIP for HD quality voice calls.
## ENVIRONMENTAL AND PHYSICAL

- **Operating temperature**: 0 to 40°C
- **Operating humidity**: 10 to 95% non-condensing
- **Storage temperature**: -20 to 70°C
- **Storage humidity**: 5 to 95% non-condensing
- **Dimensions**: 266mm(L) x 74mm(W) x 207.5mm(H)
- **Weight**: 835g

## POWER

- **DC Input Voltage**: 12V 2.5Amp

## DEVICE INTERFACE

- 4 x RJ45 10/100/1000Mbps LAN ports
- 1 x RJ45 10/100/1000Mbps WAN port
- 1 x RJ11 Phone ports (VoIP)
- 1 x Reset button
- 1 x WPS/LED button
- 1 x Wi-Fi button
- 1 x Power jack
- 1 x Power switch
- LED (Power/Internet/WiFi/WAN/LTE/DSL/Phone)

## CELLULAR

- **LTE FDD**: B1/B3/B5/B7/B8/B28
- **LTE TDD**: B40
- **WCDMA**: B8
- **LTE Category**: Cat6
- **LTE**: Max. 300Mbps DL / Max. 50Mbps UL

## ADSL2+

- PPPoE/PPPoA/IPOA/Static IP / Dynamic IP/Bridge
- ITU G.992.1 (G.dmt)
- ITU G.992.2 (G.life)
- ITU G.992.3
- ITU G.992.3 (Annex J)
- ITU G.992.3 (Annex L)
- ITU G.992.5
- ITU G.992.5 (Annex M)
- ITU G.994.1 (G.hs)
- Supports multiple PVCs

## ETHERNET WAN

- PPPoE, DHCP client, Static IP

## WIRELESS

- Compatible with IEEE 802.11 a/b/g/n/ac/ax
- Supports concurrent dual band (2.4GHz/5GHz) wireless
- SSID broadcast or in stealth mode
- Auto Channel selection
- WPS button (Wi-Fi Protected Setup)

## VOIP PROTOCOL

- SIP2.0
- G.711, G.723 and G.726

## MEDIA

- File sharing
- DLNA

## SECURITY

- Firewall
- MAC filtering

## ROUTING

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

## ADMINISTRATION

- QoS
- SNMP
- UPnP
- Syslog
- Web-based UI
- Remote Login
- TR-069 Auto provisioning
- Backup/Restore Settings

## COMPLIANCE

- RCM
- NZ Telepermit

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