INTELLIGENT WI-FI 6
CF40MESH
WI-FI 6 CLOUDMESH GATEWAY

Bring the new adaptive Wi-Fi experience to your home or office with the Wi-Fi 6 CloudMesh Gateway (CF40MESH).

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 CloudMesh Gateway will future-proof your Wi-Fi experience and will enable the ultimate smart connected home.

MESH ENABLED
You can extend your Wi-Fi coverage by deploying multiple CloudMesh Satellites (CFS40) in your home, forming a powerful whole home Wi-Fi Mesh network.

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

CloudMesh Wi-Fi Analytics 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.
**KEY FEATURES CONT.**

**WI-FI AUTOPILOT**
Every Wi-Fi 6 CloudMesh Gateway and Satellite 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.

**MADE FOR NBN AND UFB**
Featuring a Gigabit WAN port, the CloudMesh Gateway will connect with FTTC and FTTH NBN access technologies.

**STYLISH, DISCREET DESIGN**
The Wi-Fi 6 CloudMesh Gateway has been designed to blend into the home environment. The minimalistic industrial design is user friendly and takes up less valuable space.
## Technical Specifications

### Environmental and Physical
- **Operating temperature:** 0 to 40°C
- **Operating humidity:** 10 to 90% non-condensing
- **Storage temperature:** -20 to 65°C
- **Storage humidity:** 5 to 95% non-condensing
- **Dimensions:** (L) 160mm x (W) 116mm x (H) 57mm
- **Weight:** 276g

### Power
- **DC Input Voltage:** 12V/1A

### Device Interface
- 4 x RJ45 10/100/1000Mbps LAN ports
- 1 x RJ45 10/100/1000Mbps WAN port
- 1 x Reset button
- 1 x WPS button
- 1 x Power jack
- 1 x Power switch
- LED (Power/WAN/LAN/WiFi/WPS)

### 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
- WPS button (Wi-Fi Protected Setup)
- Wireless Security (WPA, WPA2, WPA3-Personal)

### Security
- Firewall
- MAC filtering

### Routing
- Static Route
- Dynamic Route (RIP v1/v2)
- DMZ

### 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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