




OneNet™ PROx

MESH WI-FI 6 Router

802.11ax WiFi 6 technology, delivering gigabit speeds and boosting network efficiency in dense environments four-fold compared with 802.11ac WiFi 5. WiFi 6 introduces significant benefits over WiFi 5, offering 40% higher peak data rates for a single client device, increased network efficiency and extended battery life for client devices. It introduces innovations such as OFDMA for serving multiple users with varying bandwidth needs simultaneously, target wake time. It also adds BSS colouring to reduce cochannel interferences, offer increased network capacity to support multiple users and better address high throughput applications such as gaming or online streaming.

The OneNet PROx router may be used as either a gateway router or a mesh node (Certified WiFi EasyMesh)™ so users can cover even more area with blazing-fast Wi-Fi 6 speeds. A single OneNet PROx router provides coverage for up to 300 square meters and is easy to extend using the Connect button to join additional OneNet PROx router devices and eliminate all dead zones.

Inverto's OneNet mobile App offers full network control right at your fingertips, even when away from home, allowing setting parental controls, performing speed tests and denying access to your network from unknown devices plus many more advanced functions, VPN, guest network, channel switching for you to get the most out of your Wi-Fi network.

Main Features:

- True dual-band multi-user (MU-MIMO) connections supporting both 2.4 GHz and 5 GHz bands delivering increased network capacity
- Easily setup, manage and diagnose your network anytime, anywhere using Inverto's OneNet mobile app
- Expendable MESH coverage offering blanket WiFi for homes and offices, WiFi EasyMESH™
- Support industry latest IPv6 networking and WPA3 128-bit encryption
- Carrier-grade remote device management
- 2 Gigabit Ethernet ports offering flexible in-home networking and wired mesh backhauling
- Efficient heat dissipation to maintain high-performance and device longevity
- Backward-compatibility supporting Wi-Fi 5 (802.11ac) and earlier versions
- Automatic firmware upgrades over-the-air ensuring your network is always up to date.



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Consumer
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Association

Smart Home Division
Mark of Excellence

2021 WINNER



DESIGN
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reddot award
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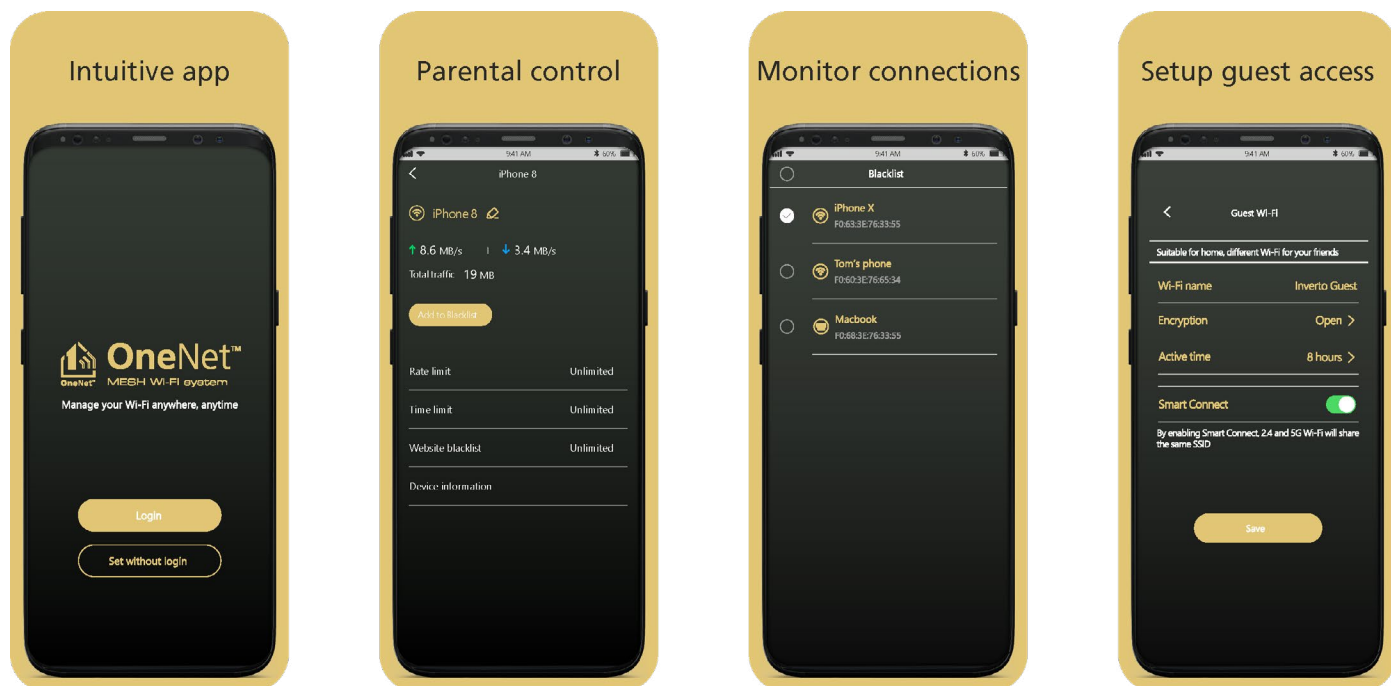
DESIGN
AWARD



Technical data

Frequency bands	2.4 GHz & 5 GHz
Antenna	High Performance WHEMS 2.4 GHz 2T x 2R (802.11 b/g/n/ax) 5.0 GHz 2T x 2R (802.11 a/n/ac/ax)
Wireless rate	2.4G: 573 Mbps 2x2 5G: 1201 Mbps 2x2
Wireless channels	Auto/Manual channel selection Channel bandwidth 20/40/80 MHz
Dual frequency concurrency	Yes, true dual-band connection
Antenna gain	2.4G: 5.0 dBi, 5G: 5.0 dBi
Ports	
WAN	1000 Base-T Ethernet x1
LAN	1000 Base-T Ethernet x2
LED	1 (Internet status & mesh status)
Connect button	1 (add another OneNet PROx router in MESH)
Reset button	1
Hardware	
CPU	Qualcomm Quad ARM Cortex A53 1.2 GHz
Flash	1 Gb
RAM	512 MB, DDR3
Software	
WAN access mode	PPPoE / DHCP / static IP
STA access mode	DHCP / static IP
STA ACL	URL filter / mac filter / rate limit / time limit
App management	OneNet mobile app for iOS / Android
Web local management	http://onenet.inverto.tv
VPN client	PPTP / L2TP
DDNS	DynDNS / Oray
LAN DHCP setting	LAN IP / pool / lease
Static DHCP lease	MAC and IP binding
Port forwarding	Yes
DMZ	Yes
WAN MAC clone	Yes
Firewall	ICMP Smurf, IP Land, IP Spoof, IP Teardrop, Ping of Death, TCP Scan, TCP SYN with data, UDP Bomb, UDP Echo chargen
System log	Yes
Customized DNS	Yes
Network diagnosis	Ping, Traceroute, Nslookup
Guest Wi-Fi	Yes
Bridge mode	Supported
Smart connect	2.4G/5G SSID separation
Power adapter (router)	DC 12 V/1.5 A, 100 V ~ 240 V 50 Hz/60 Hz
Certification	FCC, IC, CE
Dimensions	52.5 (W) x 140 (D) x 206 (H) mm

The OneNet™ app:



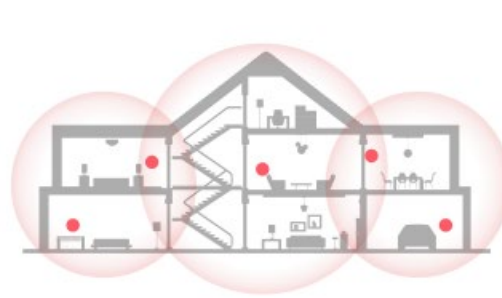
OneNet PROx™ MESH Wi-Fi open space coverage (sq. m)



300 m²
Coverage



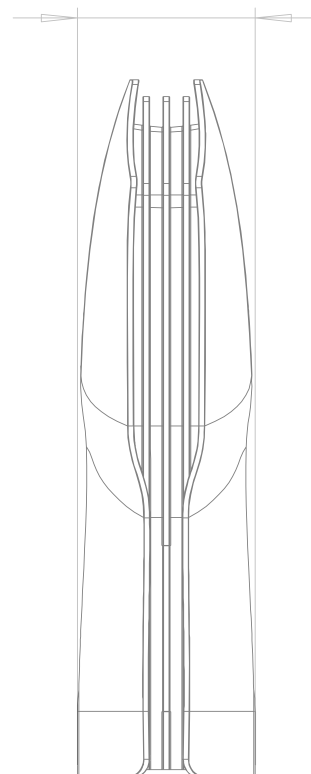
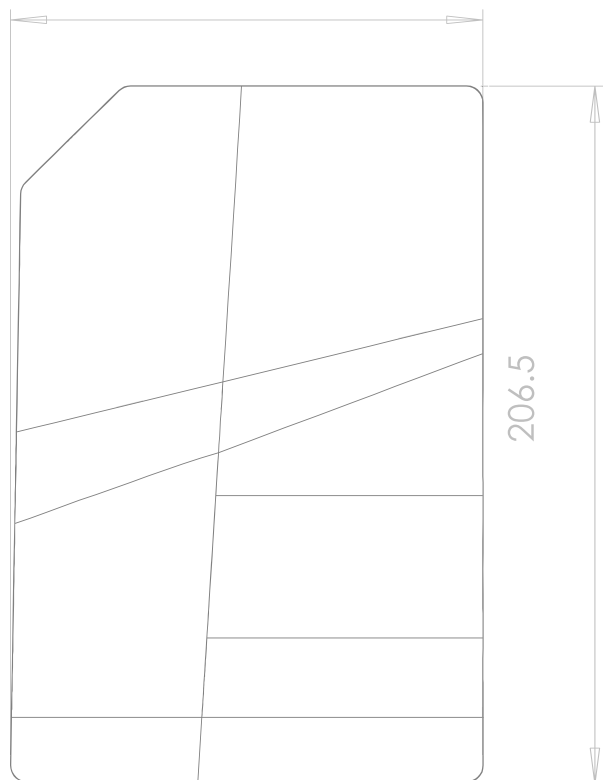
500 m²
Coverage



600 m²
Coverage



Dimensions:



Available items:

- 6035 OneNet™ PROx MESH WI-FI Router (UK)
- 6037 OneNet™ PROx MESH WI-FI Router (EU)

- IONE-RUTOO1-UKPRX-OBM
- IONE-RUTOO1-EUPRX-OBM