

Enable super fast internet connectivity at sea with high-speed 5G technology



The **5G onBoard Plus** is the all-in-one super fast speed internet system for boats that provides 5G connectivity for up to 150 users simultaneously. It includes a modern rugged wireless router with dual SIM and MIMO technology and an external waterproof dome that incorporates 4 high gain 5G antennas, to stay connected to the mobile network up to 20 Miles from the coast.

With **5G onBoard Plus** the boat turns into a professional wired and wireless network: the 5 Gigabit Ethernet ports and dual-band WiFi enables reliable ultra-low latency data transfer for all the hi-tech devices: chartplotter, smart TV, IP camera, marine stereo, tablet, smartphone.

The **5G onBoard Plus** is the core of infotainment for the modern boat. Available both in white and black colour.

**5G onBoard Plus Black**

Also available in black colour



Ultra-high cellular speeds of up to 3.3 Gbps



Uninterrupted communication with auto-failover



Dual-band data throughput for up to 150 clients simultaneously



Remote Management System



Fully manageable with mobile system via app

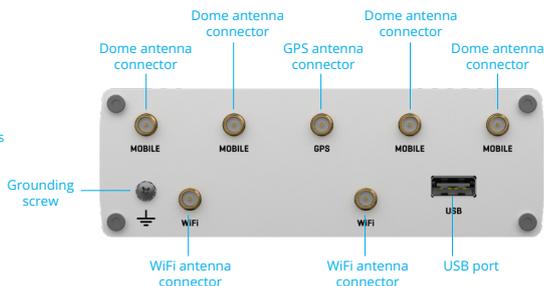
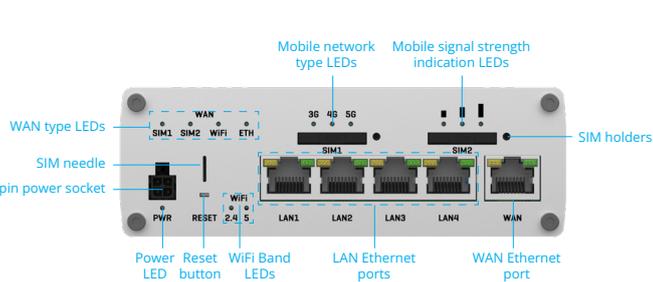
## EXTERNAL UNIT - DOME

Body:	Waterproof dome IP68 with exclusive design
Material:	UV-inhibited ASA
Colour:	Available in White and in Black
Antenna:	4 x 5G/LTE/3G wideband 4 dBi antenna
Cable:	4 x low-loss double shield coax cable 1 m (3.3') length with SMA male connector
Mounting	Easy installation on a standard 1" mount
Dimensions:	Ø 25 cm (10") / 30 cm (11.8") height
Weight:	900 g



## INTERNAL UNIT - ROUTER

Mobile:	5G Sub-6Ghz SA/NSA 2.1/3.3Gbps DL (4x4 MIMO), 900/600 Mbps UL (2x2); 4G (LTE) - LTE Cat 20 2.0Gbps DL, 200Mbps UL; 3G - 42 Mbps DL, 5.76Mbps UL
CPU:	Quad-core ARM Cortex A7, 717 MHz
RAM	256 MB
Powering options	4-pin power socket 9-50 VDC / PoE via LAN port
SIM	2 x SIM slot (Mini SIM - 2FF), 1.8 V/3 V
Antenna connectors	4 x SMA for Mobile, 2 x RP-SMA for WiFi, 1 x SMA for GNSS
Ethernet	5 x 10/100/1000 Ethernet ports: 1 x WAN (configurable as LAN), 4 x LAN
WiFi	802.11b/g/n/ac Wave 2 (WiFi 5) with data transmission rates of up to 867 Mbps (Dual Band, MU-MIMO), 802.11r fast transition, Access Point (AP), Station (STA)
Status LEDs	3 x connection status LEDs, 3 x connection strength LEDs, 10 x Ethernet port status LEDs, 4 x WAN status LEDs, 1x Power LED, 2 x 2.4G and 5G WiFi LEDs
Operating temperature:	-40 °C to 75 °C
Housing	Aluminum housing, DIN rail (can be mounted on two sides), flat surface placement
Dimensions (W x H x D)	132 x 44.2 x 95.1 mm
Weight:	533 g



## CONTENTS

The 5G onBoard Plus includes:

- 1 x Dome
- 1 x Router
- 1 x 18 W Power supply unit
- 2 x WiFi antennas (RP-SMA male)
- 1 x GNSS antenna (SMA male)
- 4 x Extension cable (5 m)
- 1 x Ethernet cable (1,5 m)
- 1 x SIM Adapter kit
- 1 x Quick Start Guide



SIM card (data only) to be purchased separately.

Easy management with dedicated App



See the complete range of accessories on the website [www.scoutantenne.com](http://www.scoutantenne.com)

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