SKU: RB_AOWLAN8

ABOUT ADDON - WLAN (M8)
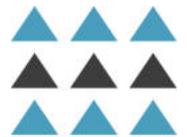
The WLAN Add-On by REBOTNIX delivers fast and reliable Wi-Fi 6 connectivity in a compact, ruggedized module – ideal for extending wireless communication capabilities of REBOTNIX edge systems in demanding environments.

At its core is a high-performance Wi-Fi 6 module supporting IEEE 802.11ax with 2×2 MU-MIMO on both 2.4 GHz and 5 GHz bands, offering data rates up to 2.4 Gbps. The durable black anodized aluminum housing protects against environmental influences while providing a modern, premium look.

Powered and connected via a single USB-C cable for seamless integration. Fully CE and FCC certified, meeting international standards for safety and electromagnetic compatibility.

nVIDIA | Preferred Partner
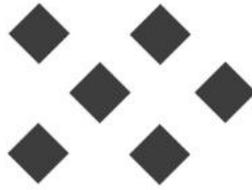
SPEZIFICATIONS

ELEKTRICAL SPECIFICATIONS

DC voltage input	5V DC via M8 Socket
Power consumption	300mA

ENVIRONMENTAL SPECIFICATIONS:

Temperature range	-20°C bis 70°C
Humidity	Non-condensing

INTERFACES & CONNECTORS

M8	M8 Socket, 4 Pin
ANT1	RP-SMA Socket
ANT2	RP-SMA Socket

WIRELESS COMMUNICATION – WLAN

WLAN	IEEE 802.11ax (Wi-Fi 6), 2,4/5 GHz, 2×2 MU-MIMO
Data Rate	Up to 2,4 Gbps
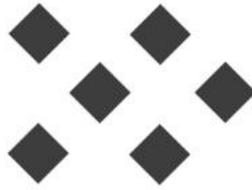
TECHNICAL SPECIFICATIONS

Dimensions	90mm x 37mm x 21,5mm (without Anntenas)
Weight	130g
Housing	Black anodized aluminum

FRONTSIDE

90,00 mm

98,00 mm

TOPSIDE

37,00 mm

21,50 mm
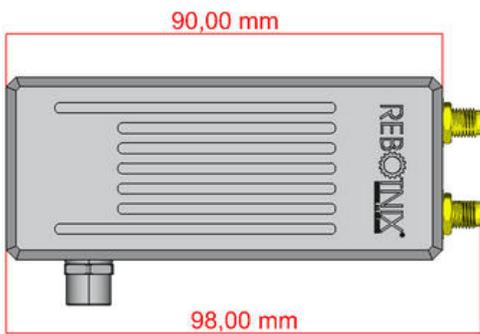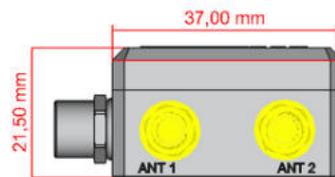
ANT 1   ANT 2
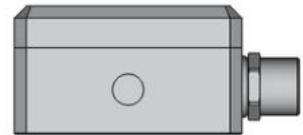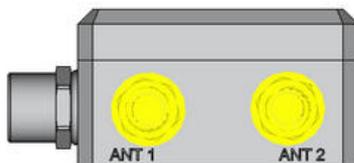
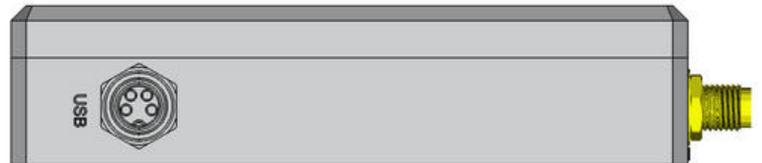### BOTTOMSIDE

CONNECTIVITY

TOPSIDE

ANT 1   ANT 2

BOTTOMSIDE

USB

ANT1

ANT1 - RP-SMA Socket
Socket for a WLAN antenna for signal transmission.

ANT1

ANT2 - RP-SMA Socket
This connector is present in this version but not active/used.

M8

USB

M8 - M8 Socket , 4 Pin
This socket is used for both power supply and data transfer.

M8 Socket - PINOUT

PIN 1 -
PIN 2 -
PIN 3 -
PIN 4 -

www.rebotnix.com