# ADDON - WLAN

SKU: RB_AOWLANU

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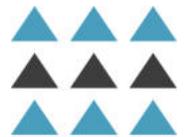
The WLAN Add-On by REBOTNIX delivers fast and reliable Wi-Fi 6 connectivity in a compact, ruggedized module – ideal for extending wireless communication capabilities of REBOTNIX edge systems in demanding environments.

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.

www.rebotnix.com

nVIDIA | Preferred Partner
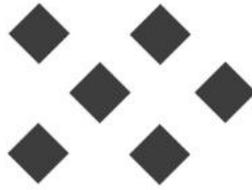
SPEZIFICATIONS

ELEKTRICAL SPECIFICATIONS

DC voltage input	5V DC about USB-C Connector
Power consumption	300mA

ENVIRONMENTAL SPECIFICATIONS:

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

INTERFACES & CONNECTORS

USB	1xUSB 2.0 Type-C Socket
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
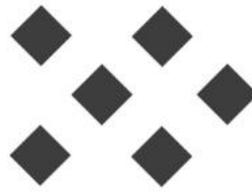
TECHNICAL SPECIFICATIONS

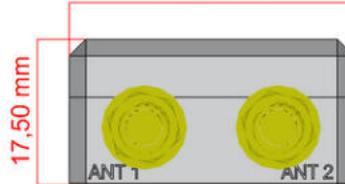|	
Dimensions	80mm x 34mm x 17,5mm (without Anntenas)
Weight	100g
Housing	Black anodized aluminum

FRONTSIDE
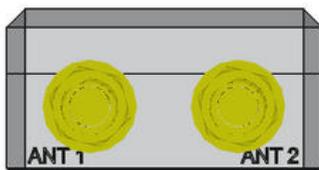
80,00 mm
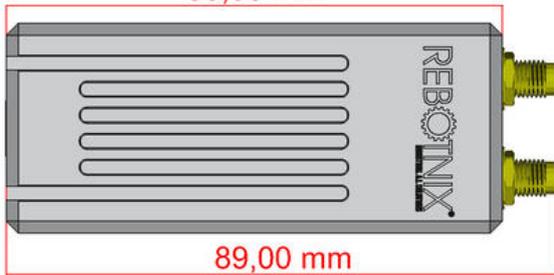
89,00 mm

TOPSIDE

34,00 mm

17,50 mm

ANT 1   ANT 2

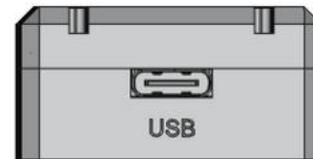### BOTTOMSIDE

USB
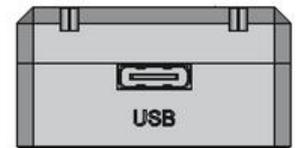
CONNECTIVITY

TOPSIDE

ANT 1   ANT 2

BOTTOMSIDE

USB

ANT1

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

USB

USB - USB Type-C Socket
This socket is used for both power supply and data transfer via a USB-C cable.

ANT1

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

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