

EU Declaration of Conformity

Supplier u-blox AG
Info www.u-blox.com
Product **NINA-W13 stand-alone Wi-Fi modules**
Doc. ID UBX-18007182 C1-Public

To whom it may concern,


Hereby, u-blox AG declares under its sole responsibility that the following product – NINA-W13 stand-alone Wi-Fi modules – complies with the essential requirements and other relevant provisions of the Radio Equipment Directive (RED) 2014/53/EU and the Restriction of the use of certain Hazardous Substances Directive 2011/65/EU (EU RoHS 2) and its amendment Directive (EU) 2015/863 (EU RoHS 3).

Technology	Product name	Hardware release	Software release
Wi-Fi	NINA-W131	05 or later	4.0.0 or later
	NINA-W132		

Essential requirements Radio Equipment Directive 2014/53/EU	Standards
Safety & Health (Article 3.1a)	EN IEC 62368-1:2020+A11:2020 EN IEC 62311:2020
EMC (Article 3.1b)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 IEC 60601-1-2:2014 (Medical Electrical Equipment)
Radio Spectrum Efficiency (Article 3.2)	ETSI EN 300 328 V2.2.2

Essential requirements Directive 2011/65/EU (EU RoHS 2) Directive 2015/863 (EU RoHS 3)	Standards
Prevention (Article 4.1)	EN IEC 63000:2018

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Name	Herbert Blaser
Position	Senior Director/Product Center Short Range Radio
Date of issue	20 June 2023
Signature	

List of antennas

Antenna name	Manufacturer	Comment	Gain
Internal antenna	Abracon (ProAnt*)	SMD PIFA antenna on NINA-W132	+3
(FlatWhip-2400**)	(ProAnt**)	Monopole, RSMA	+3
PRO-15-237 (InSide-2400*)	Abracon (ProAnt*)	Patch, 10 cm cable/U.FL	+3
PRO-15-299 (InSide-WLAN*)	Abracon (ProAnt*)	Patch, 10 cm cable/U.FL	+3
(Outside-2400 **)	(ProAnt**)	Patch, 7 cm cable/U.FL 10 cm cable/U.FL 25 cm cable/U.FL	+3
PRO-EX-348 (Ex-IT 2400*) - SMA 28-001 - RP-SMA 28-001 - MHF 28-001	Abracon (ProAnt*)	Monopole, SMA RSMA 10 cm cable/U.FL	+3
PRO-EX-286 (Ex-IT WLAN*) - SMA - RP-SMA - MHF	Abracon (ProAnt*)	Monopole, dual band SMA RSMA 10 cm cable/U.FL	+3
PRO-EX-327 (Ex-IT 2400*) - MHF 70-001	Abracon (ProAnt*)	Monopole, 10 cm cable/U.FL	+3
PRO-EX-333 (Ex-IT 2400*) - SMA 70-002 - RP-SMA 70-002	Abracon (ProAnt*)	Monopole, SMA RSMA	+3
PRO-15-432 (InSide-WLAN Square*)	Abracon (ProAnt*)	Patch, dual band 10 cm cable/U.FL	+3
ANT-2.4-CW-RH -RPS -SMA	Linx	Monopole, SMA RSMA	-1

* Proant was acquired by Abrocon in 2021 and new part numbers are used after the acquisition.

** Proant was acquired by Abrocon in 2021 and the antenna is obsolete after the acquisition.