

EU DECLARATION OF CONFORMITY

MANUFACTURER INFORMATION

Company Name: Advantech Czech s.r.o.

Address: Sokolská 71, Kerhartice, 562 04 Ústí nad Orlicí, Czech Republic

Email: cellular.info@advantech.cz

Website: www.advantech.com

PRODUCT IDENTIFICATION

Product Description: Equipment for wireless data transmission in 5G, LTE, HSPA+, UMTS, GNSS and WiFi networks

Part Number Format: ICR-4461xy, where x and y each stand for a string of zero or more characters

Model Variations:

- **x designation:**
 - **W, W3** – router is WiFi or 2x2 WiFi equipped
 - **S** – router is PoE equipped
 - **WS, W3S** – router is WiFi or 2x2 WiFi and PoE equipped
- **y designation:**
 - string – variants with different configuration

Operating Frequency Bands:

- **Cellular networks:** 700/800/850/900/1500/1800/2100/2300/2500/ 2600/3500/3700 MHz
- **WiFi networks:** 2.4/5 GHz
- **GNSS networks:** 1176/1561/1575/1597 MHz

DECLARATION

We, **Advantech Czech s.r.o.**, as the manufacturer, hereby declare under our sole responsibility that the above-identified products are in conformity with the relevant Union harmonisation legislation:

- Directive **2014/53/EU** (Radio Equipment Directive)
- Directive **2011/65/EU** (RoHS2) and **2015/863/EU** (RoHS3)

CONFORMITY ASSESSMENT

This declaration is based on conformity assessment conducted according to the referenced harmonized standards. The products have been evaluated against all applicable requirements and have demonstrated conformity through testing performed by accredited laboratories and internal assessment.

HARMONIZED STANDARDS APPLIED

Radio Standards

ETSI EN 301 908-1 V15.2.1, ETSI EN 301 908-2 V13.1.1, ETSI EN 301 908-13 V13.3.1, ETSI EN 301 908-25 V15.1.1, ETSI EN 303 413 V1.2.1, ETSI EN 301 893 V2.2.1, ETSI EN 300 328 V2.2.2

EMC Standards

ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V2.2.1, ETSI EN 301 489-19 V2.2.1, ETSI EN 301 489-52 V1.3.1, IEC 61000-6-2: 2016, IEC 61000-6-3: 2020

Safety and Health Standards

EN IEC 62368-1:2020+A11:2020, IEC 62311:2020

Environmental Standards

EN IEC 63000:2018

Cybersecurity Standards

EN 18031-1:2024

CONFORMITY EVIDENCE

The conformity assessment is based on the following testing and documentation:

Category	Document Reference	Organization
Radio, EMC, Safety for Cellular module	Quectel_RM520N-GL_CE(RED)_Certificate	PHOENIX TESTLAB GmbH Königswinkel 10 D-32825 Blomberg, Germany www.phoenix-testlab.de
Radio, EMC, Safety for WiFi module	SparkLAN_WPEA-251ACNI(BT)_EC Declaration_of_Conformity_v1.1_20201103.pdf	SparkLAN Communications, Inc. 8F., No.257, Sec 2, Tiding Blvd, Neihu District 11493, Taiwan
Safety for device	PO-2021-31	Advantech Czech s.r.o. Sokolská 71 562 04 Ústí nad Orlicí, Czech Republic
Health for device	PO-2023-94	Advantech Czech s.r.o. Sokolská 71 562 04 Ústí nad Orlicí, Czech Republic
EMC for device	PO-2021-52 PO-2022-165	Advantech Czech s.r.o. Sokolská 71 562 04 Ústí nad Orlicí, Czech Republic
Cybersecurity for device	POS-2025-008	Advantech Czech s.r.o. Sokolská 71 562 04 Ústí nad Orlicí, Czech Republic

AUTHORIZED REPRESENTATIVE

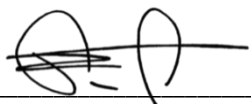
This declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of: Advantech Czech s.r.o.

Place: Ústí nad Orlicí, Czech Republic

Date: July 31, 2025

Signature:



Name: Pavel Pospíšil

Position: Executive Director