



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX EPS 22.0004X** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 1 Issue 0 (2022-02-20)  
Date of Issue: 2022-04-26  
Applicant: **BARTEC GmbH**  
Max-Eyth-Strasse 16  
97980 Bad Mergentheim  
**Germany**  
Equipment: **Mobile Computer MC2Xex-NI Type B7-A2N\*-\*\*\*\*/\*\*\*\*\***  
Optional accessory:  
Type of Protection: **Intrinsic safety "i"**  
Marking: **Ex ic IIB T4 Gc**  
**Ex ic IIIC T130°C Dc IP64**

Approved for issue on behalf of the IECEx  
Certification Body:

Position:

Signature:  
(for printed version)

Date:  
(for printed version)



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2. This certificate is not transferable and remains the property of the issuing body.
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Certificate issued by:

**Bureau Veritas Consumer Products Services Germany GmbH**  
**Businesspark A96**  
**86842 Türkheim**  
**Germany**





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Manufacturer: **BARTEC GmbH**  
Max-Eyth-Strasse 16  
97980 Bad Mergentheim  
**Germany**

Manufacturing locations: **BARTEC GmbH**  
Max-Eyth-Strasse 16  
97980 Bad Mergentheim  
**Germany**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

#### STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

#### TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

DE/EPS/ExTR22.0004/01

Quality Assessment Report:

DE/TUN/QAR06.0017/13



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The MC2X<sup>EX</sup>-NI (B7-A2N\*-\*\*\*\*/\*\*\*\*\* ) is a battery-powered, portable Mobile Computer equipped with a touchscreen display, LTE/WLAN/Bluetooth communications, camera, flashlight, barcode reader, NFC reader, microSD card reader and other options.

### Electrical data:

Battery powered, Lithium ion, 3.6 V – 3300 mAh – 11.88 Wh Type B7-A2Z0-0081

### Accessories for use in hazardous areas:

Hand Strap	Type B7-A2Z0-0082
Scan Handle	Type B7-A2Z0-0083
Protective Cover	Type B7-A2Z0-0084
Protective Cover for the device with Scan Handle	Type B7-A2Z0-0085
Screen Protector	Type B7-A2Z0-0086
Cover for Battery Lock	Type B7-A2Z0-0087

### Accessories for use outside hazardous areas:

1 Slot Cradle with 1 Slot Battery Charger	Type G7-A0Z0-0059
4 Slot Battery Charger	Type G7-A0Z0-0062

### Ambient temperature range:

-20 °C ≤ Ta ≤ +50 °C

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

The battery pack shall be changed or charged only outside hazardous areas. In hazardous areas, the cover for battery lock (Type: B7-A2Z0-0087) must be snapped in.

The equipment shall only be used with the Screen Protector (Type: B7-A2Z0-0086).

Connection and disconnection of all external ports, opening enclosure or replacing the battery pack while live is only permitted if the potentially explosive atmosphere is shown to be absent.

The equipment shall be protected from impacts with high impact energy and high electrostatic charge generating processes.

The manufacturer's safety instructions shall be respected strictly.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Marking changed.