



# 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 19.0108X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-07-13

Applicant: **BARTEC GmbH**  
Max-Eyth-Str. 16  
97980 Bad Mergentheim  
Germany

Equipment: **Mobile Computer MC93ex-NI B7-A2M\*-\*\*\*\*/\*\*\*\***

Optional accessory:

Type of Protection: **Intrinsic safety "i", optical radiation "op is"**

Marking: Ex ic op is IIC T6 Gc  
Ex ic op is IIIB T80°C Dc IP65

Approved for issue on behalf of the IECEX  
Certification Body:

Position:

Signature:  
(for printed version)

Date:



1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

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





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

Additional  
manufacturing  
locations:

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

**IEC 60079-28:2015** Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  
Edition:2

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/ExTR19.0109/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/12](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The MC93<sup>EX</sup>-NI is a battery powered mobile computer. It is equipped with a touch display, changeable keypads, NFC/RFID reader, Bluetooth/WIFI communication and various data capture options.

## Electrical data:

Battery powered, Lithium ion, 3.6 V - 7000 mAh - 25.20 Wh    Type B7-A2Z0-0059

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

The battery pack shall be changed or charged only outside hazardous areas.

Connection and disconnection of all external ports, opening enclosure, or replacing 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 ambient temperature range is from -20°C to +50°C.

The manufacturer's safety instructions shall be respected strictly.