BARTEC

Mobile Computer MC 92^{ex}

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- Integrated barcode or RFID reader
- Intuitive user interface
- VGA colour display with touchscreen

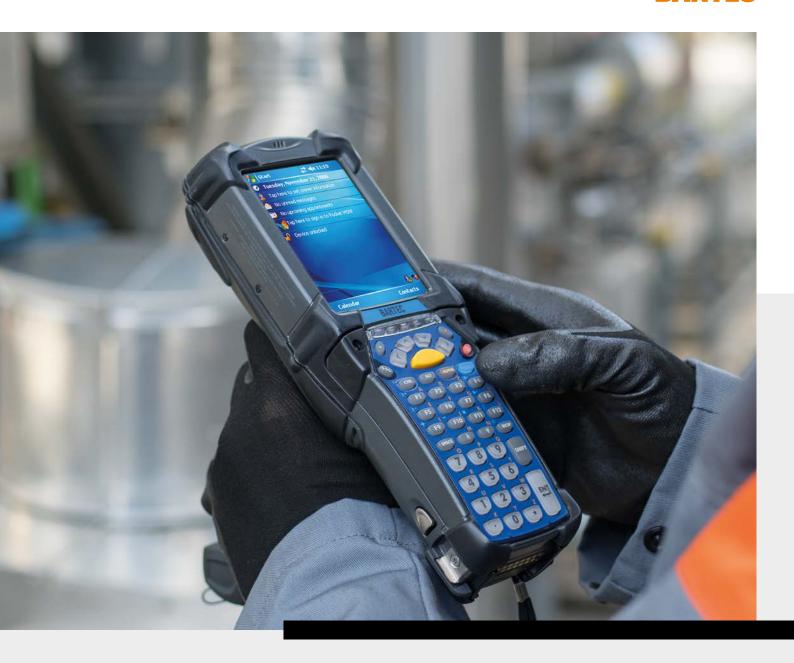Enterprise ready | ATEX, IECEx and UL certified | Future-proof design | Rugged and lightweight | Tool-less hot swap battery

Mobile computers from BARTEC. Set new standards of efficiency and safety!

EFFICIENT AND SECURE DATA COLLECTION

In close co-operation with ZEBRA, BARTEC has developed the MC 92 mobile computers for global use in potentially explosive atmospheres on the basis of the successful MC 9000^{ex} range.

The devices make it possible to carry out complex applications, simplify processes and boost productivity. Whilst the barcode scanners are used for classic data collection, the MC 92 offers wireless data exchange.

BARCODE AND RFID LOGGING

The barcode scanners read 1D, PDF and 2D barcodes. The mobile computers read all barcodes, irrespective of which are in use, and offer an appropriate scan engine with 1D/2D imager engine at a distance of up to 12 m (MC 92 Long Range). In the area of RFID readers, UHF is also available in addition to the LF and HF versions. Furthermore, the mobile computers offer a combination of barcode scanner or RFID reader in one device.

DEVICES FOR ALL AREAS

With the familiar environment of Windows® Mobile, the mobile computers are very user friendly. The MC 92 can be supplied with Windows® CE or Android. The real time data exchange via WiFi or Bluetooth is convenient, saves time and improves work processes.

International approvals such as IECEx, ATEX and UL certificates guarantee the global use of devices. Long operating times are guaranteed both by the optimised power management and the automatic switching off using a motion sensor.

ERGONOMIC AND ROBUST DESIGN

The devices offer a top-class robust design. The resistant 3.7" touchscreen in the MC series is made from toughened special glass; it guarantees safe use even in extreme environments and is also very easy to read, even in direct sunlight.

APPLICATION AREAS	FEATURES	ADVANTAGES	TECHNOLOGY
Oil and gas industry	Most robust device in its class	Barcode or RFID logging	3.7" VGA colour display with touchscreen, visible in sunlight
Petrochemicals and chemicals	Integrated barcode and RFID reader (LF, HF, UHF)	Very easy to read, even in direct sunlight	High performance dual core processor
Pharmaceuticals industry	Optimised power management and long operating times	First class voice and data transmission	"Hot swap" battery change (Div. 1, in Zone 1/Div. 2)
Logistics			Equipped for the future with an available Android operating system

The globally most robust all-round Mobile Computer

- 3.7" VGA touchscreen sunlight readable
- Different Scan Engines or RFID module types
- 3.5 mm headset connection
- Scan buttons
- Keypad interchangeable
- Replaceable pen
- Safety lock to replace battery in hazardous area Zone 1/Div. 1

MC 92N0ex-IS

Mobile Computer MC 92N0ex-IS

Zone 1, Class I, II, III, Div. 1

WiFi

Bluetooth

RFID frequencies LF, HF, UHF

Colour display with touchscreen

Various scan engines

Barcode or RFID logging

Barcode logging up to 12 m

Explosion protection

Marking

ATEX
⟨Ex⟩ II 2G Ex q [ib] IIC/IIB T4 Gb

IECEx
Ex q [ib] IIC/IIB T4 Gb

UL
Class I Div. 1 Groups C, D
Class II Div. 1 Groups F, G
Class III

Accessories

Docking station, non-Ex for communication with the PC

Ethernet cradle, 4-slot

Charging station, 4-slot

Fast charging station, 4-slot

Leather holster

Replacement keypad

Memory card upgrade

Replacement battery

Screen protector

MC 92N0ex-NI

Mobile Computer MC 92N0ex-NI

Zone 2/22, Class I, II, III, Div. 2

WiFi

Bluetooth

RFID frequencies LF, HF, UHF

Colour display with touchscreen

Various scan engines

Barcode or RFID logging

Barcode logging up to 12 m

Explosion protection

Marking

ATEX
⟨Ex⟩ II 3G IIB/IIC T6 Gc
⟨Ex⟩ II 3D Ex ic IIIB T80 °C Dc IP 64
      $-20\,°C \leq T_a \leq +50\,°C$

UL
Class I Div. 2 Groups A, B, C, D T6
Class II Div. 2 Groups F, G
Class III

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