MC93ᵉˣ–NI Mobile Computer

for worldwide use in hazardous areas

MC93ᵉˣ-NI Handheld Mobile Computer

BARTEC has developed in close cooperation with Zebra Technologies the next evolution of the world's best selling and most trusted enterprise mobile MC93ᵉˣ-NI for worldwide use in hazardous areas.

– User get simplicity with Android, ultimate processing power, a larger touch display, and much more.

– New data capture capabilities include an extraordinary scan range of up to 21.4 m.

– The new battery runs twice as long as the MC9200ex series on a single charge.

– The MC93ex-NI is the most rugged mobile computer ever created, ready to outlast virtually every device in its class in any environment.

– The new software solutions from Zebra "Mobility DNA" help you get more value out of the MC93ᵉˣ-NI by adding functionality as well as simplifying development and management, while delivering better-than-ever robust wireless connections.

– The MC93ex-NI is approved for ATEX and IECEx Zone 2, 22 and UL Class I,II,III Div 2. Further local certifications are possible on customer request.

Market and Applications

Logistics

– Receiving/put-away
– Inventory management
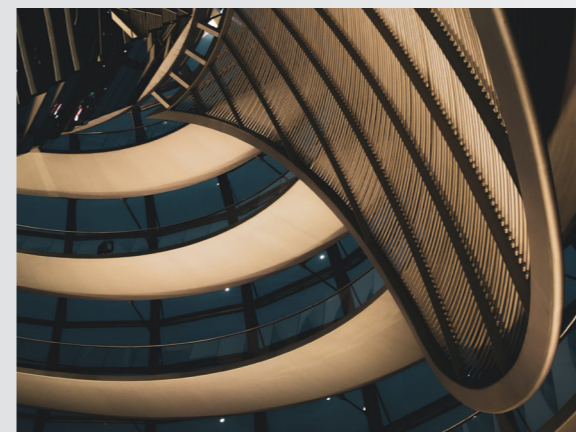– Returns processing
– EDI transactions/picking

Manufacturing

– Inventory management
– Supply-line replenishment
– Safety testing
– Quality control audits
– Parts tracking

Government

– Receiving/ put-away
– Inventory management
– Cross dock operations
– EDI transactions/picking

The Ultimate Android Platform

The Ultimate Ultra-Rugged Design

Maximum processor power and memory

The ultra powerful 8-core processor combines with up to eight times the RAM and 16 times the Flash memory of the MC92ex series to deliver superior performance on all your voice and data apps.

Power a full shift and beyond with maximum battery power

The PowerPrecision+ battery delivers the most battery power in its class – nearly twice the battery run time of the MC92ex series, plus fast charging and a wealth of battery statistics to better manage your battery pool. And with Zebra's PowerPrecision Console a free PC-based Zebra Mobility DNA tool, it's easy to identify and discard aging batteries, before they impact workforce productivity and your operations.

Dependably superior WiFi connections

With 2x2 Multiple-User Multiple Input Multiple Output (MU-MIMO) technology and Zebra's WorryFree WiFi, a free Zebra Mobility DNA tool, you get increased WiFi range and speed, near instant application response times, unmatched roaming, exceptional voice quality and network diagnostics that help keep your WiFi network up and running at peak performance.

A lifetime security guard for Android

With Zebras LifeGuardTM for AndroidTM, you get the security updates you need to keep your MC93ex NI devices secure every day they are in service – along with easy end-to-end control of the OS update process, plus support for future versions (P and Q) of Android.

The most rugged device in its class

When it comes to handling the harshest environments, the MC93ex-NI is at the top of its class. The MC93ex-NI is virtually waterproof, drop-proof, dust-proof and tumble-proof, offering superior reliability. And Corning Gorilla Class brings maximum scratch-and-impact resistance to two of the most vulnerable device features – the display and exit window.

A model for the most challenging environments

Explosion protection is our core competency. We work with the strictest notified bodies in the market and aim to follow the latest version of the EX standards available. We performed additional drop and electrostatic tests to minimize restrictions for Ex area. The MC93ex-NI can be used in both gas and dust explosive environments. It also has one of the widest operating temperature ranges in the market.

The Ultimate in Application Support

Run your terminal emulation (TE) apps, right out of the box

Integrated support for your TE apps makes it easy to migrate from Windows to Android – no backend modification or user training required. And when you're ready to turn your 'green screen' TE apps into elegant touch-centric intuitive screens to boost productivity, Zebras Mobility DNA's All-touch TE makes it easy.

Larger touchscreen with advanced technology

The large multi-touch 4.3" WVGA display allows your workers to view more business data, while providing best-in-class indoor/outdoor readability and data input flexibility. Use a finger- even with a thick glove - or a stylus. And users can interact with the screen even if the display is wet.

Bluetooth low energy (BLE) 5.0 for twice the speed and four times the range

Bluetooth peripheral performance is improved, while power requirements are reduced, extending battery cycle times.

Rich locationing support

Easily implement locationing to boost operational efficiency with support for many technologies, including WiFi, Bluetooth 5.0 BLE and Zebra's locationing solutions.

Advanced scanning and extraordinary scan range

With Zebra's advanced scan engines, your workers can capture virtually any barcode in any conditions, the first time every time. Whether, scans from short, medium or long distance - the MC93ex NI can do everything. Advanced scanning technology enables ulatimate fast capture of 1D and 2D barcodes under virtually any condition. Thanks to the first-class field of view, even extremely wide barcodes can be captured from close up. With Zebra's SE4850 scanning module and its wide scanning range of 7cm to 21.4m, you can scan barcodes both up close and on your uppermost warehouse racks. Zebra's SE4770 imagers are ideal for standard scan area scanning.

The best of both world - touchscreen and keypad input

Two data entry modes support TE apps today and Android intuitive, interactive apps tomorrow. Maximize key-based data entry simplicity with your choice of keypads and enable touch input for TE or Android apps now or in the future. And since you can easily swap keypads in safe areas, you can re-purpose devices or replace broken keypads instantly – no trip to the service center required.

Vibrate feedback mode

The vibrate mode is ideal in noisy warehouse environments, where the beep tone that signifies a successful scan can be virtually impossible to hear.

Capture multiple barcodes and entire forms with a single scan

Zebra's SimulScan tool makes it easy to capture labels on boxes and pallets that contain many barcodes, plus text fields.

Doubles as a walkie-talkie - with no extra cost

With Voice-over-IP (VoIP) support and pre-loaded and pre-licensed PTT Express, your worker get instant push-to-talk capability, right out of the box.

Comfortable all-day operation of scan-intensive apps

With the MC93ex NI, employees get a comfortable mobile computer with proven ergonomics - a device with a balanced design and a pistol grip.

NFC for simple pairing

With a quick tap, workers can pair the MC93ex-NI with smartphones, headset and more with optional NFC.

The Ultimate Accessory Ecosystem

Minimize charging time

All new charging cradles take advantage of the new fast charging feature, enabling a 90% charge in 4 hours or less.

Cost-effectively upgrade

Use your existing MC92ex NI device charging solutions by simply adding an adapter cup.

Certified for your safety

We are not limiting our certification efforts to the MC93ex NI but also extending it to the wide range of accessories that we are offering. We run excessive drop and electrostatic test on all accessories to ensure safety and quality for both the use in Ex and safe areas.

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