

MC27^{ex}-NI Mobile Computer

For use in hazardous areas
Zone 2/22 and Class I, II, III Div.2



When it comes to empowering workers in small and medium-sized businesses, the MC27^{ex}-NI delivers ‘no compromise’ affordable mobility.

Designed for use throughout your entire operation in hazardous areas, the WiFi and cellular data models connect practically any worker, anywhere - from the floor of a warehouse, manufacturing plant, to large outdoor spaces such as ports or yards, and out in the field.

This class-leading lightweight device sets the bar for comfort. The device deliver ergonomic excellence, including: key size, shape and location, key colors, the tapered shape, separate finger perches for one-handed keypad and display use, the snap-on trigger handle for scan intensive tasks and more. The keypad supports existing Terminal Emulation applications today, while the touchscreen paves the way for the intuitive touch-based Android screens of tomorrow.

Enterprise-class scanning enables first-time every time capture of virtually any barcode in any condition - including damaged, scratched, dirty or poorly printed. The most advanced processor delivers desktop-like application performance. Android 11 provides the latest OS features, with support for Android 14 for superior future-proofing. The housing is built to handle frequent wipe downs with common disinfectants to help prevent the spread of germs between workers.

The MC27^{ex}-NI – a simple way of equipping your field team with a mobile device – now also in a potentially explosive atmosphere.



Market and Applications

LOGISTICS

Receiving/ put-away

Inventory management

Returns processing

EDI transaction/picking

MANUFACTURING

Inventory management

Supply-line replenishment

Safety testing

Quality control audits

GOVERNMENT

Receiving / put-away

Inventory management

Cross dock operations

EDI transaction/picking



Unparalleled Ergonomics, Flexibility and Features

– DESIGNED FOR UNMATCHED COMFORT, EASE OF USE AND PRODUCTIVITY

The MC27^{ex}-NI design team designed the size, shape and location of keys to enable workers to easily find the right keys by feel, even with gloves – and high contrasting colors make keys easy to see in any lighting, day or night. The slender tapered design eliminated pressure points and fits virtually any size hand. Two perfectly placed and designed fingers perches provide easy one-handed operation for keypad and touchscreen. And much more.

– TWO DEVICES IN ONE – BRICK AND GUN

Transform your MC27^{ex}-NI into a gun style devices – without compromising ergonomics or scanning performance. Just snap on the trigger handle accessory – no tools required. Since the electronics are in the trigger handle, scanning speed isn't impacted. All features are available when the handle is installed including the speaker and camera.

– WI-FI AND CELLULAR TO CONNECT ANY WORKER, ANYWHERE

MC27^{ex}-NI with Wi-Fi and cellular connection can be used in large outdoor spaces where there is poor coverage of a WiFi network is too expensive to deploy and maintain, such as yards and ports – or in the field to keep drivers and technicians connected. And with Bluetooth® 5.0 and optional NFC, you get comprehensive wireless capabilities.

– BUILT TO SERVE YOUR BUSINESS FOR YEARS

Water-resistant, dustproof, drops to concrete, snow, rain, heat, freezing cold – the MC27^{ex}-NI mobile computer can handle it all. And two of the most vulnerable device components are fortified with Gorilla Glass – the display and the scanner exit window.



Unparalleled Value with Out-of-the-Box Mobility DNA Tools

– THE MOST POWERFUL ANDROID PLATFORM

When it comes to platform, these devices stand at the top of their class, offering an advanced processor and the most advanced version of Android. The processor delivers desktop – like performance on even the most demanding applications, all with less power for longer battery cycle times. Android 11 provide the latest OS features, with support for future Android versions for superior future-proofing. And for business with other ZEBRA/BARTEC devices, the shared platform simplifies application deployment across different device types and device support.

– ENTERPRISE-CLASS DATA CAPTURE

Get first-time every time capture of virtually any barcode – including damaged, dirty and poorly printed barcodes. PRZM Intelligent Imaging technology and Omni-directional barcode capture deliver split-second results, so workers aren't waiting for the beep. And the included 13MP high resolution camera enables the easy capture of a new layer of business intelligence – and offers three times the lifecycle of a consumer smartphone camera

– DISINFECTANT-READY TO PROTECT YOUR WORKERS

The MC27^{ex}-NI are built to handle frequent wipe downs with common disinfectant, including bleach, hydrogen peroxide and alcohol, to help prevent the spread of germs or illness between workers.

– FULL-SHIFT BATTERY POWER

The standard battery can power nearly two full shifts in any environment. The extended battery can provide around-the-clock power. And when you need to swap your batteries in non-ex environments, with Warm Swap mode, there's no need to turn off the device or close apps.

– EXTENSIVE ACCESSORY FAMILY

Easily and cost-effectively manage any size device pool with single and multi-slot chargers and cradles and carrying solutions and more.

– ADD POWERFUL ENTERPRISE FEATURES TO STANDARD ANDROID

Mobility Extension (MX) provides over a hundred additional features that you can add to standard Android to improve security, data capture support, wireless connectivity and device manageability. You're always in charge – you decide what and when to activate.

– STAGE YOUR DEVICES FOR USE IN SECOND WITH STAGENOW

Stage a handful or thousand of Android devices with a quick scan of a barcode or tap on an NFC tag. And with Restricted Mode you simply click to deactivate or reactivate Google Mobile Services.

– CONTROL ACCESS TO FEATURES AND APPS WITH ENTERPRISE HOME SCREEN

Enterprise Home Screen puts you in charge of what your workers can do with your devices. And you can create different configurations for different teams – no developer required.

– ENTER BARCODES INTO YOUR APPS, RIGHT OUT OF THE BOX

Zebra's DataWedge allows users to scan and send barcode data into your existing apps – no programming or application modification required.

– IMPROVE DEVICE UPTIME WITH DEVICE DIAGNOSTICS

Reduce repair costs. The simple-to-use tool allows administrators and end users to test the main system on Zebra mobile computers with a press of a button to reveal whether the device can be fixed on site – or must be sent out for repairs.

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