COMM-CO
Communication today and tomorrow

TC77ex –NI Touch Computer

for hazardous areas Zone 2/Div. 2

The ultimate enterprise-class all-touch computer for hazardous areas in Zone 2 / Div 2

At the edge of your business are your front line workers that spend their days face-to-face serving the important asset in your company – your customers. Now, there's a device designed to take customer service to the next level by delivering everything your workers need to achieve peak efficiency, with trouble-free reliability – the TC77^{ex}-NI Android Touch Computer for Zone 2 / Div 2. This device builds on the highly successful TC7 Series designed by Zebra Technologies to create the ultimate ultra-rugged all-touch computer for all workers inside and outside the four walls – a smartphone experience for maximum simplicity, construction designed to withstand years of the toughest everyday use and abuse, and a new platform offering more capabilities than any other device in this class.

The Ultimate User Experience

Android for instant familiarity

Your workers already know how to use an Android device, virtually eliminating training time and adoption curves. And you can deliver the highly graphic interactive apps today's workers expect.

Advanced touchscreen technology

The high-definition display offers plenty of real estate to intuitive graphics-intensive applications. The easy, familiar and flexible multi-touch operation works even when wet, with a gloves or a stylus. And with best-in-class outdoor readability, the screen is easy to read, even in bright sunlight.

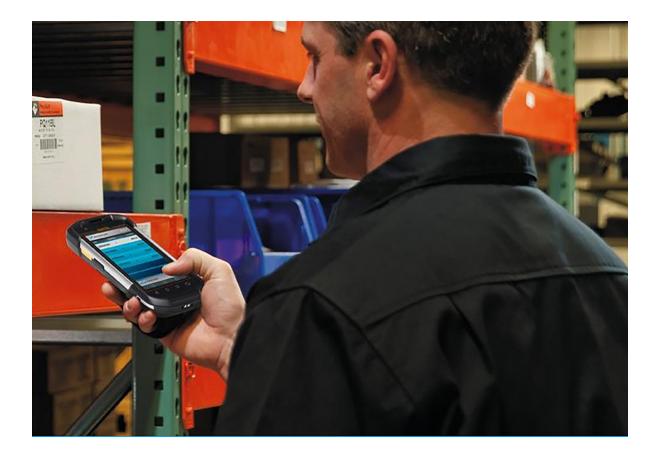### Super simple data capture: barcodes, labels and documents

Advanced scanning technology with the included SE4770 scan engine from Zebra and PRZM intelligent Imaging deliver lightning fast capture of printed and electronic 1D and 2D barcodes, including Digimarc – regardless of condition. The expanded working range and wide field of view allow workers to scan barcodes nearer and farther away, while omnidirectional scanning delivers true point and shoot performance – no need to ever align the device with the barcode. Need to capture multiple barcodes on a label or data on a form? You can do it all with the press of a single button with Zebra's SimulScan, a no-cost pre-installed Mobility DNA application.

Full shift power your workers can count on

The PowerPrecision+ high capacity battery delivers up to an impressive 15 hours of power – plenty for the longest shift. With Warm Swap mode, swapping batteries is fast and easy – there's no need to turn off the device or close active apps. And with fast charging, batteries are fully charged in record time.

Complete cellular network flexibility with single device simplicity

No matter where your workers are, they can stay connected. Simultaneous support for two carriers is ideal for workers that travel to areas better served by different carriers. And aggregated carrier support delivers faster upload and download speeds. The TC77ex-NI is certified on leading public safety networks, including AT&T FirstNet and Verizon.

Longer WiFi range and speed – with less power
2x2 Multiple-User Multiple Input Multiple Output (MU-MIMO) technology allows access points to communicate with multiple devices simultaneously via pingpoint beamforming, boosting WiFi network capacity, speed and range. And processing is shifted from the mobile device to the access point, extending battery cycle time.

Bluetooth 5.0 for twice the speed and four times the range
An extended range of 800 ft./240 m and data speeds up to 2 Mbps increase application flexibility and performance for Bluetooth peripherals, such as headsets, while Bluetooth Low Energy reduces power requirements to extend battery cycle times.

Ultra high-resolution photos and videos
The 13 MP color rear camera captures highly detailed photos and videos – ideal for proof-of-condition/delivery/service, onsite technical support and more.

The high quality voice in its class
With high-volume speakers and noise-cancellation technology, callers on both ends of every call can hear every word.

Unique features

- Extreme rugged
- Dual Sim Slot
- Exchangeable strong battery
- Integrated scan functionality
- High quality integrated camera
- Professional accessories

Built to last

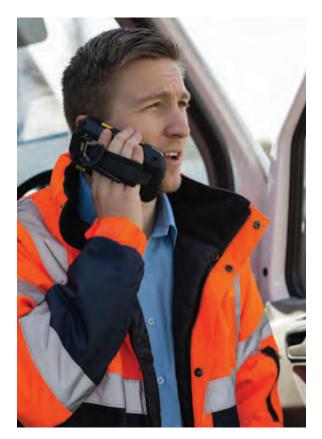### The ultimate in ultra-rugged proven design for hazardous areas

When it comes to use and abuse and demanding environmental conditions in hazardous areas, the TC77ex-NI is at the top of its class. Workers can drop it, use it outdoors in the rain, snow, freezing cold or sweltering heat and still expect reliable operation. And the Corning Gorilla Glass touch panel and imager window bring maximum scratch-resistance and shatter-proofing to the display and lens eye.

A platform to handle all your apps – today and tomorrow

The ultra-powerful processor provides superior performance on all voice and data apps. You also get built-in support for future versions of Android as well as future apps, such as artificial intelligence.

Maximize productivity with enterprise accessories

Unlike consumer smartphones, a full suite of business-class accessories improve ease of use and management. A trigger handle for use in hazardous areas makes scanning easier and unique ShareCradles that charge device and batteries in safe environments simplify backroom management.

Comparison: TC75Xex-NI and TC77ex-NI

TC75Xex-NI

4 GB RAM/32 GB Flash

Android 8.1 (Oreo)

1.8 GHz hex core 64 bit processor

13-MP Autofokus

Up to 128 GB – SDXC

2x2 MIMO,
IEEE 802.11a/b/g/n/ac/d/h/i/k/r/w

5GHz: 802.11a/n/ac -
up to 866.7 Mbps
2.4 GHz: 802.11b/g/n -
up to 11 Mbps

TC77ex-NI

4 GB RAM/32 GB Flash

Android 10

Qualcomm Snapdragon™
660 octa-core, 2.2 GHz

13-MP Autofocus

Up to 256 GB - SDXC

2x2 MU-MIMO
IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w

5GHz: 802.11a/n/ac -
up to 866.7 Mbps
2.4 GHz: 802.11b/g/n -
up to 300 Mbps