Vocera Smartphone Solution
Zebra TC52x-HC
Building on the Highly Successful TC52-HC

Customers looking for a turnkey solution that allows clinicians to reach the right person at the right time, on the right device, with the right information, and in the right place, now have the answer with the new TC52x-HC smartphone.

Vocera® Vina, a secure healthcare smartphone app that simplifies and expedites clinical communication, is now available on the TC52x-HC to improve extended care team communication and collaboration. Unify calls, messages, alerts, alarms, and care teams around the patient in a single app customizable to all hospital roles.

Enhance patient safety, the patient experience, and healthcare staff productivity with the pocket-sized TC52x-HC which includes a new 5-inch Full HD display, blazing fast 2.45 GHz processor and new UFS memory, and high-resolution camera.

Rugged Form Factor
With removable batteries, the TC52x-HC is ready for around the clock use, delivering reliable operation — even if you drop it on the floor or get it wet. The unibody design provides extra impact protection for the sensitive electronics. And the Corning® Gorilla® Glass touch panel and imager window bring maximum scratch-resistance and shatter-proofing to two of the most vulnerable device features.

Intuitive Android Operating System
The TC52x-HC is based on standard Android OS and UI framework providing a consistent and predictable user interface that enables rapid adoption and ease of use. Zebra’s proprietary Extensions Mx add-on to the Android operating system adds features that transform Android into a true enterprise-class operating system. Extensions Mx adds the security, manageability, wireless connection quality, and data capture that healthcare organizations require.

Used For:
- Voice Calls Through the PBX
- Push-to-Talk (PTT) Inside and Outside the Four Walls
- Secure Text Message
- Mobile Alarms and Alerts
- Medication Administration
- Prescription Tracking
- Blood Transfusion Administration
- Electronic Patient Record Access
- Breast Milk Management
- Inventory Management (Local Floor Supplies)
Display Space for All Your Applications

The flexible solution allows hospitals to not only run Vocera Vina and other Vocera mobile apps but can also be used to run other healthcare applications, such as electronic health record systems (EHRs).

The TC52x-HC puts the power of Vocera front and center with easy access to the clinical directory, a unified inbox, and secure texting.

Enterprise-Class Voice and Wi-Fi Connectivity

The TC52x-HC contains an IEEE 802.11 Wi-Fi radio providing excellent connectivity for real-time voice applications. This Wi-Fi connectivity in conjunction with the solid sound performance of the TC52x-HC provides the foundation for high quality voice recognition, leading to reliable interaction with the wearable Vocera Smartbadge and Vocera Badge.

Specifications and Features

- Android 10 operating system, upgradeable through Android 11
- Familiar user interface through the Android operating system
- Red Alert button on the back of the device with emergency dialer feature
- Dual mode capacitive touch with bare or gloved fingertip input
- Corning Gorilla Glass with water droplet rejection and fingerprint resistant anti-smudge coating
- 5-inch Full High Definition (1920 x 1080), exceptionally bright touch display
- Ruggedized enclosure for optimal device performance in demanding healthcare settings
- Integrated 2D barcode scanner with Multi-Barcode Scanning
- Replaceable 4150 mAh battery for better battery management, fast charging, and easy end-user swaps
- Rear 13 MP autofocus, flash optimized camera for high quality photos with better brightness and uniformity
- Front high resolution 5 MP camera for a superior user experience during video streaming
- IEEE 802.11 a/b/g/n/ac/d/h/i/r/v/w/mc Wi-Fi connectivity designed for mission critical environments
- Meets 4ft drop per MIL-STD
- TC52-HC accessories are compatible with the TC52x-HC, making the upgrade to the latest technology cost effective
- For a full set of specifications please refer to the Zebra TC52x-HC datasheet

Vocera System Requirements for the TC52x-HC

- Vocera 6.1 and Secure Messaging server 6.1
- SIP Telephony Gateway installed and configured
- Client Gateway installed and configured
- 802.11a/b/g/n/ac/d/h/i/r wireless network (wireless standards support varies based on device)