



ZEBRA

# TC75 RUGGED ANDROID TOUCH COMPUTER

## Your front line to a smarter enterprise

Your field workforce needs a mobile computer to access the people and information required to maximize efficiency and better serve your customers. You want to give them an enterprise-class handheld built for life out in the field — yet your workers expect a device that is every bit as refined and easy-to-use as their own consumer smartphone. Introducing the TC75, the Android mobile computer that delivers it all. A rugged design that delivers reliable everyday operation. Anywhere anytime access to virtually any information in your back-end systems. The ability to capture more types of data faster than ever before. Instant push-to-talk communications with co-workers out in the field as well as supervisors, dispatch and more back in the office. Fast data access with support for all 4G GSM cellular networks. And a full complement of accessories meets the unique needs of virtually any mobile worker. The TC75 — the easy way to empower your field teams with a true mobile office.



### Enterprise-class Android KitKat

Every TC75 ships with Mobility Extensions (Mx), a series of features that transform Android™ from a consumer operating system (OS) to a true enterprise-class OS, providing enterprise-class security and device management, as well as enterprise data capture capabilities.

### Maximum data entry flexibility with an industry leading dual mode touch panel

Let your users choose their preferred data input pair: finger and gloved finger or finger and stylus — ideal for crisp signature capture. The intelligent 4.7 in. display automatically adjusts as needed,

unlike competitive devices that require setting adjustments every time the user switches data input method.

### World-class data capture

An integrated enterprise-class imager offers Zebra's proprietary PRZM Intelligent Imaging technology, a megapixel sensor and advanced optics, enabling the lightning-fast capture of 1D and 2D bar codes in virtually any condition. The 8 MP camera enables the easy capture of high-resolution photos, signatures, videos and more, so workers can capture more types of business intelligence to streamline more business processes. The front camera allows workers to place a video call to get the on-the-spot assistance they need. And Near Field Communications automates identity verification at facility entry points.

### Automatically capture data and process entire documents

With SimulScan Document Capture, your workers can simultaneously capture bar codes, text fields, phone numbers, images, signatures and even check boxes in the time it takes to press a button, improving invoicing speed, order speed and more.

### Superior audio quality and functionality for a new level of voice flexibility

Up to four times the loudness of popular smartphones and noise cancelling technology provides crystal clear audio on both ends of every call. Support for Workforce Connect Push-to-Talk (PTT) Express and Pro provides an instant connection to co-workers in the field, plus supervisors and other support staff back in the office.

### Mobility DNA



Every strand of your mobility platform is simpler with Zebra's Mobility DNA. That's because, from the start, you have the industry's most comprehensive suite of mobility must-haves to accelerate your solution. More off-the-shelf end-user apps, more robust administration utilities and easier app development. Purpose built for enterprise, Mobility DNA makes ease, confidence and value intrinsic to your investment and our full line of Android mobile computers.

### A robust accessory family for easy on-the-go device management

Accessories include a flexible vehicle cradle for charging — even with snap-on accessories attached. A magnetic stripe reader enables mobile payment. The field attachable trigger handle brings comfort to scan intensive tasks. Select Zebra Bluetooth printers enable anywhere anytime printing. And backroom management is easier and more cost effective than ever thanks to our unique ShareCradle System that accommodates the TC75 and future Zebra mobile computers.

### Rugged and ready for all-day every day use out in the field

The TC75 delivers reliable operation, even after multiple 8 ft./2.4 m drops to concrete and 2,000 consecutive 3.2 ft./1 m tumbles in our punishing tumble test. With IP67 sealing, the TC75 is dust-tight and can survive complete immersion in water. And the Corning Gorilla Glass touch panel and scanner exit window bring a new level of durability to two of the most vulnerable components on any handheld device.

## Boost efficiency and customer service with the TC75 in:

### T&L

- Proof of delivery
- Asset management
- Asset tracking
- Scheduling
- Routing
- Location services

### Field Service

- Asset management
- Parts inventory
- Invoicing
- Task management
- Location based services
- Technical assistance
- Appointment scheduling
- Service automation

### Direct Store Distribution (DSD)/Route Accounting


- Order automation
- Delivery tracking
- Inventory management
- Store setup
- Customer support

### Government and Public Safety


- Alternate to two-way radio
- Data collection
- Records query
- Real time data and voice
- ID validation / ticketing
- Location services
- Resource deployment
- Document on the scene video and photos

## Specifications

### PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	6.3 in. L x 3.3 in. W x 1.1 in. D/ 161 mm L x 84 mm W x 28 mm D
<b>Weight</b>	13.3 oz./376 g
<b>Display</b>	4.7 in. High Definition (1280 x 720); exceptionally bright, outdoor view- able; optically bonded to touch panel
<b>Imager Window</b>	Corning Gorilla Glass
<b>Touchpanel</b>	Dual mode capacitive touch with stylus or bare or gloved fingertip input (conductive stylus sold sepa- rately); Corning Gorilla Glass
<b>Backlight</b>	LED backlight
<b>Power</b>	 <b>PowerPrecision:</b> Improved battery technology for longer cycle times and real-time visibility into battery metrics for better battery management Li-Ion 3.7 V, 4620 mAh typical; battery swap function
<b>Expansion Slot</b>	User accessible MicroSD up to 32GB SDHC and up to 64GB SDXC
<b>SIM</b>	2 Nano SIM slot (4FF) 1 Mini SIM/SAM slot (2FF)
<b>Network Connections</b>	USB 2.0 High Speed (host and client); WLAN
<b>Notification</b>	Audible tone; multi-color LEDs; vibration
<b>Keypad</b>	On-screen keypad
<b>Voice and Audio</b>	Three microphone support with noise cancellation; vibrate alert; speaker; Bluetooth wireless headset support, High quality speaker phone with up to 108 db SPL volume; PTT headset support; Cellular circuit switch voice; HD Voice

### PERFORMANCE CHARACTERISTICS

<b>CPU</b>	1.7 GHz dual core processor
<b>Operating System</b>	 Android AOSP 4.4.3 with <b>Mobility Extensions (Mx)</b> , a layer of features that turns Android into a true enterprise-class OS
<b>Memory</b>	1 GB RAM / 8 GB Flash pSLC


### USER ENVIRONMENT

<b>Operating Temp.</b>	-4° F to 122° F/-20° C to 50° C per MIL-STD 810B
<b>Storage Temp.</b>	-40° F to 158° F/-40° C to 70° C
<b>Humidity</b>	5% to 85% non-condensing
<b>Drop Spec.</b>	8 ft./2.4 m to concrete at room temp.; 6 ft./1.8 m over the operating temp. range
<b>Tumble Spec.</b>	2,000 3.2 ft./1.0 m tumbles; meets and exceeds IEC tumble specifications

### USER ENVIRONMENT (CONTINUED)

<b>Sealing</b>	IP67 per applicable IEC sealing specifications
<b>Vibration</b>	4 g's PK Sine (5 Hz to 2 kHz); 0.04g/2 Hz Random (20 Hz to 2 kHz); 60 minute duration per axis, 3 axis
<b>Thermal Shock</b>	-40° F to 158° F/-40° C to 70° C rapid transition
<b>Electrostatic Discharge (ESD)</b>	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge


### COMMUNICATION AND MESSAGING

 Workforce Connect PTT Express (included) for instant  
PTT calls between workers inside the four walls;  
Workforce Connect PTT Pro (supported) for PTT calls and text  
messaging over Wi-Fi and cellular networks; Workforce Connect  
Voice client (supported) to enable PBX handset functionality and  
more inside the four walls.

### INTERACTIVE SENSOR TECHNOLOGY (IST)

<b>Light Sensor</b>	Automatically adjusts display backlight
<b>Motion Sensor</b>	eCompass, 3-axis Gyro, 3-axis accelerometer

### DATA CAPTURE

<b>Scanning</b>	 <b>SimulScan</b> simultaneously captures and processes multimedia formatted information in a single step. SE4750SR imager (1D/2D)
<b>Camera</b>	Rear — 8 MP autofocus; f/2.4 aperture; Front — 1.3 MP fixed focus
<b>NFC</b>	ISO 14443 Type A & B, FeliCa, and ISO 15963 cards. Secure NFC via SAM supporting Mifare, Calypso and FeliCa. P2P mode and Card Emulation via UICC and Host.

### WIRELESS WAN DATA AND VOICE COMMUNICATIONS

<b>Radio Frequency Band</b>	<i>Worldwide:</i> LTE: 800/850/900/1800/2100/2600 (FDD 20, 5, 8, 3, 1, 7) UMTS/HSPA/HSPA+: 850/900/1900/2100 GSM/GPRS/EDGE: 850/900/1800/1900 <i>Americas:</i> LTE: 700/850/1900/AWS/2100 (FDD 17, 5, 2, 4, 1) UMTS/HSPA/HSPA+: 850, 900, AWS, 1900, 2100 GSM/GPRS/ EDGE: 850/900/1800/1900
<b>GPS</b>	Integrated, Autonomous, Assisted GPS (A-GPS), Navstar, GLONASS

### WIRELESS LAN

<b>Radio</b>	IEEE® 802.11a/b/g/n/d/h/i/k/r
<b>Data Rates</b>	5GHz: 802.11a/n — up to 150 Mbps; 2.4GHz: 802.11b/g/n — up to 72.2 Mbps

### WIRELESS LAN (CONTINUED)

<b>Operating Channels</b>	Chan 36 - 165 (5180 - 5825 MHz); Chan 1 - 13 (2412 - 2472 MHz); Actual operating channels/ frequencies depend on regulatory rules and certification agency
<b>Security and Encryption</b>	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA/WPA2 Enterprise (TKIP, and AES) — EAP-TLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0- MSCHAPv2, PEAPv1-EAP-GTC, EAP Fast and LEAP SAM, WPS, Data at rest
<b>Features</b>	Wi-Fi Multimedia™ (WMM), Soft AP, WiFi Direct
<b>Certifications</b>	WFA (802.11n, WMM), Cisco CCKv4, Wi-Fi
<b>Fast Roam</b>	PMKID caching, Cisco CCKM, 802.11r, OKC


### WIRELESS PAN


<b>Bluetooth</b>	Class 2, Bluetooth v4.0 (Bluetooth® Smart technology)
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### PERIPHERALS AND ACCESSORIES


 Accessories include: 2-slot, 5-slot charge-only and  
USB/Ethernet ShareCradles, spare battery chargers,  
MSR, trigger handle, soft and rigid holster, charge-only vehicle  
cradles, audio solutions and more. For a complete list of  
accessories, please visit the Zebra product page.

### ADDITIONAL MOBILITY DNA SOLUTIONS

 **StageNow:** Easily stage a handful or hundreds of  
Android devices by scanning a bar code or  
tapping an NFC tag.

 **Enterprise Browser:** Next-generation industrial  
browser to migrate legacy web-based apps or easily  
create new apps with today's highly-graphical and intuitive  
user interfaces.

 **EMDK:** Created to complement Google's Software  
Development Kit for Android, Zebra's EMDK provides  
a comprehensive toolkit to make it easy to integrate all the  
functions in our enterprise-class Android devices, from bar  
code scanning to payment processing.

 **AppGallery:** Zebra's Android enterprise app store  
makes it easy to find, deploy and manage ready-to-use  
business apps on any Zebra Android device.

### REGULATORY

Visit [www.zebra.com/tc75](http://www.zebra.com/tc75) for regulatory information

### WARRANTY

Subject to the terms of Zebra's hardware warranty statement,  
the TC75 is warranted against defects in workmanship  
and materials for a period of 1 (one) year from the date of  
shipment. For complete warranty statement, please visit:  
<http://www.zebra.com/warranty>

### SERVICES

Service from the Start with Comprehensive Coverage: A unique  
service that covers normal wear and tear as well as accidental  
damage to internal and external components.

