

TC55 TOUCH COMPUTER

BUSINESS WITH A PERSONAL TOUCH

To get the job done, your workers need access to business-critical applications out in the field. They want a business device that is every bit as small, sleek and as easy to use as their own personal smartphones. But today's smartphones fall far short of the feature set you need in your business. Introducing the TC55 — the pocket-sized all touch computer that has it all. Smartphone ergonomics and good looks. Business durability. And all the business functionality your workers need to work smarter — and better serve your customers. The TC55. Built for the enterprise, designed for your workers.



Enterprise-class Android

Every TC55 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.

Mobility DNA

Every strand of your mobility platform is simpler with Zebra's Mobility DNA. That's because right 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.

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.

Industry leading dual mode touch panel with maximum input flexibility

Choose your preferred data input mode: a finger — with or without a thick glove — or a stylus for signature capture. Take the capacitive touch experience to the next level with our low power and exceptionally bright 4.3 in. WVGA display, which works even if it's wet.

Enterprise class data capture features improve productivity

Best-in-class comprehensive data capabilities help automate and reduce cycle times. With the integrated 1D and 2D bar code scanners, optional 1D/2D ring-style Bluetooth scanner, 8 MP camera and Near Field Communications (NFC), workers can capture virtually any type of data at the press of a button — 1D/2D bar codes in practically any condition, documents, photos, signatures, videos and NFC-based information.

The best audio support in its class

Dual front-facing speakers deliver four times the loudness of popular smartphones, while two microphones and noise cancelling technology ensure crystal clear audio on both ends of a call.

Business tough — built for all-day every day enterprise use

The TC55 is loaded with features that give it long-lasting durability. Drop and tumble specifications, IP67 sealing and a Corning Gorilla Glass 2 display ensure reliable operation despite drops and spills — and make it easy to achieve an average three-year lifespan.

The longest battery life in its class

A super low power display plus PowerPrecision battery technology that delivers longer cycle times and predictive battery management combine to enable the removable battery to outperform competitive devices and provide your workers with power, all shift long.

The most flexible accessory family in its class

All accessories are designed with the business user in mind. A boot increases durability — and all charging solutions work with and without the boot. The rugged charging cable that comes with every TC55 provides high impact charging contacts that offer superior durability over typical microUSB connectors.

Standard or Professional Configuration to meet your needs

The Standard Configuration comes with Google Mobile Services (GMS), a suite of integrated Google applications that are standard on most smart phones — ideal for workers that depend on apps such as Gmail or Google Maps. Our Professional Configuration ships without GMS, promoting greater privacy and security of personal information by preventing location tracking and data collection — providing a business solution with strict security policies. Both configurations are built on Android Open Source (AOSP).

THE TC55 — THE PERSONAL TOUCH COMPUTER BUILT FOR BUSINESS.

FOR MORE INFORMATION, VISIT WWW.ZEBRA.COM/TC55 OR ACCESS OUR GLOBAL CONTACT DIRECTORY AT WWW.ZEBRA.COM/CONTACTUS

Specifications Chart

PHYSICAL CHARACTERISTICS	
Dimensions (std. battery)	5.4 in. L x 2.7 in. W x 0.63 in. D 137 mm L x 69 mm W x 15.9 mm D
Weight	With standard battery: 7.8 oz./220 g
Display	Blanview® LCD display, 4.3 in. WVGA, exceptional low power consumption, exceptionally bright image with 700 NITS, 3% transreflective, Corning Gorilla Glass 2
Camera/Imager Exit Windows	Corning Gorilla Glass 2
Touchpanel	Dual mode capacitive touch with stylus or fingertip (bare or gloved) input
Backlight	LED backlight
Power	 PowerPrecision: Improved battery technology for longer cycle times and real-time visibility into battery metrics for better battery management PowerPrecision Li-Ion batteries. Two options: Extended 1.5x 4410 mAh or Standard Capacity 2940 mAh battery
Expansion Slot	User accessible 32 GB microSD slot with SDHC support
Network Connections	USB 2.0 High Speed (host and client), WLAN, WWAN and Bluetooth
Notification	Vibrate and audible tone
Keypad	On-screen keypad
Voice and Audio	2 front facing speakers; dual noise-cancelling microphones; high-quality speaker phone; 3.5mm headset jack, Bluetooth wireless headset support
PERFORMANCE CHARACTERISTICS	
CPU	1.5 GHz dual core processor
Operating System	 Android 4.1.2; Android 4.4.3 ¹ with Mobility Extensions (Mx) , a layer of features that turns Android into a true enterprise-class OS
Memory	1 GB RAM / 8 GB Flash MLC
USER ENVIRONMENT	
Operating Temp.	14°F to 122°F/-10°C to 50°C
Storage Temp.	-40°F to 158°F/-40°C to 70°C
Humidity	5% to 85% non-condensing
Drop Specification	4 ft./1.2 m drop to plywood per MIL-STD 810G; With protective boot: 5 ft./1.5m to concrete at room temperature

USER ENVIRONMENT (CONTINUED)	
Tumble Specification	300 1.6 ft./0.5 m tumbles; With protective boot: 1000 1.5 ft./0.5 m tumbles; meets and exceeds IEC tumble specification
Sealing	IP67
Vibration	MIL-STD 810G, 2Gs peak, 5Hz to 2kHz, 1 hour per axis; .04g ² /Hz, 20Hz to 2kHz, 1 hour per axis
Thermal Shock	-40°F to 158°F/-40°C to 70°C rapid transition
ZEBRA INTERACTIVE SENSOR TECHNOLOGY (IST)	
Ambient Light Sensor	Automatically adjusts display backlight to maximize power efficiency
Proximity Sensor	Automatically detects when the user places the handset against head during a phone call to disable display output and touch input

DATA CAPTURE	
Camera	Autofocus 8 MP with user-controllable flash; supports integrated 1D/2D bar code capture
Scanning	 SimulScan simultaneously captures and processes multimedia formatted information in a single step with either the 2D imager or camera.
Scan Engines	Integrated 1D linear imager; integrated 2D imager ²
NFC	Peer-to-peer, card reader, card emulation

WIRELESS WAN DATA AND VOICE COMMUNICATIONS	
Radio Frequency Band	Worldwide: HSPA+: 900/2100/850/1900 MHz EDGE/GPRS/GSM: 850/900/1800/1900 MHz Americas: LTE: 1900/1700/850/700 MHz (FDD2,4,5,17) HSPA+: 850/1900/1700/2100/900 MHz EDGE/GPRS/GSM: 850/900/1800/1900 MHz North America: LTE: 700MHz (FDD13); EvDO: 850/1900; CDMA: 850/1900 (Verizon and Android 4.1.2 only ³)
GPS	Integrated, Autonomous, Assisted-GPS (A-GPS), GLONASS

- 1 Professional Configurations Only (No GSM or Verizon LTE)
- 2 2D imager (SE4710) only available on Android 4.4.3
- 3 Verizon LTE data only model, 3G voice and data model
- 4 Service availability may vary by country.

WIRELESS LAN DATA AND VOICE COMMUNICATIONS	
Radio	Tri-mode IEEE® 802.11a/b/g/n
Data Rates Supported	802.11a – up to 150 Mbps; 802.11b/g – up to 72.2 Mbps; 802.11n @ 2.4 GHz up to 72 Mbps; 802.11n @ 5 GHz up to 150 Mbps
Security	WEP (40 or 104 bit) ; WPA/WPA2 Personal; WPA/WPA2 Enterprise — EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, TKIP, AES

WIRELESS PAN DATA AND VOICE COMMUNICATIONS	
Bluetooth	Bluetooth 4.0

PERIPHERALS AND ACCESSORIES

Individual rugged charging cable (included with every TC55). For a complete list of accessories, visit www.zebra.com/tc55

ADDITIONAL MOBILITY DNA SOLUTIONS

-  **StageNow:** Easily stage a handful or hundreds of Android devices by simply 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.
-  **Swipe Assist:** This software utility allows users to place a virtual data capture button on the screen of the mobile computer, bringing the simplicity and flexibility of the touch experience to data capture.

REGULATORY

Visit www.zebra.com/tc55 for regulatory information

WARRANTY

The TC55 is warranted against defects in workmanship and materials for a period of 1 (one) year from date of shipment.



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