

# ZEBRA TC55



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## Business with a personal touch

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In comfortable Smartphone format with large touch display, integrated scanner and the robustness of the business class the TC55 is the ideal companion, if you need to work efficiently and mobile on the go. The TC55 - made for businesses, designed for people.

The TC55 combines advantages of consumer devices (large screen & easy handling) with the necessary robustness for professional applications (IP67 sealed, Corning Gorilla Glass 2 display) and durability into a future-proof industrial computer. With extensions from Motorola Solutions the TC55 transforms Android™ from a private user system into a viable commercial operating system.

The device offers the fastest wireless connections over 4G mobile communications, 802.11a/b/g/n Wi-Fi and Bluetooth 4.0 for barrier-free and rapid communication of your mobile employees.

Not least because of its extensive data collection capabilities the TC55 is the ideal device for use in transport logistics:

With integrated 1D barcode scanner, optional 1D/2D Ring Scanner, 8 MP camera and Near Field Communications (NFC) it is capable of capturing virtually any type of data. The large display allows convenient operation under various environmental conditions as known from consumer devices. Its compact size, high flexibility and the light weight of the TC55 are features that also contribute to enhanced user acceptance.

### AT A GLANCE

- Outstanding robustness in its class (IP67)
- Barcode scanning with the integrated 1D scanner
- Photographing in color with the integrated 8-megapixel autofocus camera
- Fastest wireless connections with 4G mobile communications, 802.11a/b/g/n Wi-Fi & Bluetooth 4.0
- Robustness: Withstands drops from 1.20 m to concrete
- Outstanding battery life
- Product care by manufacturer (hardware & software) for at least 3 years after the end-of-life

# ZEBRA TC55

## TECHNICAL SPECIFICATIONS

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### DIMENSIONS AND WEIGHT

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- 137 mm x 69 mm x 15.9 mm
- With standard battery: 220 g

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### PROCESSOR AND MEMORY

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- 1.5-GHz-Dual-Core-Prozessor
- 1 GB RAM / 8 GB Flash

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### OPERATING SYSTEM

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Android 4.1.2

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### WIRELESS COMMUNICATION

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#### WLAN/PAN Options

- Bluetooth 4.0g
- Tri-Mode IEEE® 802.11a/b/g/n
- 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

#### WWAN Options

- 4G LTE, HSPA+, EDGE/GPRS/GSM
- EDGE/GPRS/GSM: 850/900/1800/1900 MHz

#### Global Positioning System

- Integrated, autonomous, Assisted-GPS (A-GPS), GLONASS

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### BARCODE APPLICATIONS

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Integrated 1D\* linear imager; optional RS507 Bluetooth ring-style imager

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### USER INTERFACE

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- Dual mode capacitive touch with stylus or fingertip (bare or gloved) input
- Blanview® LCD display, 4.3 in. WVGA, exceptional
- Low power consumption, exceptionally bright image with 700 NITs, 3% transfective, Corning Gorilla Glass 2

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### EXTERNAL SLOTS

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Micro-USB connector 3.5-mm Headset slot

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### CAMERA

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- Color, 8 Megapixel
- Autofocus with user-controllable flash
- Supports integrated 1D/2D bar code capture

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### POWER SUPPLY

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Replaceable and rechargeable Lithium Ion:  
Standard: 2940 mAh; Extended 1.5x: 4410 mAh

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### APPLICATION AREA

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- Operating Temperature: -10°C to 50°C
- Storage Temperature: -40°C to 70°C
- 5% to 85% non-condensing
- Rain/Dust: IP67 sealing
- 1.2 m drop to plywood per MIL-STD 810G; With protective boot: 1.2 m to concrete across the operating temperature range
- 150 0.5 m tumbles (300 drops); With protective boot: 300 0.5 m tumbles (600 drops); per applicable IEC tumble specifications
- Vibration: MIL-STD 810G, 2Gs peak, 5Hz to 2kHz, 1 hour per axis; .04g<sup>2</sup>/Hz, 20Hz to 2kHz, 1 hour per axis
- Thermal Shock: -40°F to 158°F/-40°C to 70°C rapid transition

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### ZEBRA INTERACTIVE SENSOR TECHNOLOGY

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- Tri-axial accelerometer for motion sensor applications for dynamic screen adjustment and power monitoring
- Ambient light sensor for automatic adjustment of the display luminosity