

# TC53e/TC53e-RFID/TC58e Mobile Computers



**Faster. Smarter. More rugged. More sustainable.  
More secure. And a feature set that keeps  
pace with evolving business needs.**

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# Device Overview

## Meet the TC53e/TC53e-RFID/TC58e Mobile Computer

Introducing the latest addition to Zebra's top-selling TC5 Series, the TC53e Wi-Fi, TC53e-RFID Wi-Fi and TC58e with Wi-Fi and cellular connectivity. Now faster<sup>1</sup>, smarter, more rugged, more sustainable, and with features that meet the ever-evolving mobility needs of today's front line workers.



1. Compared to previous generation TC5X series: TC51, TC56, TC52, TC57, TC52x, TC57x and TC57ax (specifically excluding the current generation TC53/TC58)

2. Available on TC58e only



# Benefits

## Everything your workers need to do business better



### **New, significantly faster processor**

Nearly twice the processing power of the prior generation SD660, with less power consumption

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### **All the latest wireless communications**

2nd generation 5G (Rel 16)/Private 5G (TC58e), Wi-Fi 6E and Bluetooth 5.3; give workers faster speeds in the field, optimized performance in large buildings

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### **Vivid FHD+ 6-inch display**

Give workers a richer viewing experience with bright colors, vivid graphics and larger fonts; easy to read indoors and outside

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### **8 ft./2.4 m drop specification**

More rugged drop spec than previous generation TC5 Series devices; exceeds per MIL-STD-810H: 8 ft./2.4 m to concrete with rugged boot; 6 ft./1.8 m to tile over concrete without a boot

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### **Most secure TC5 Series device**

A Secure Element provides the best physical security on a mobile device; dedicated chip prevents physical hardware attacks and unauthorized access to sensitive data

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### **Secure, split second access with Identity Guardian**

Workers can scan a barcode on their badge and simply look into the device to unlock and provision it with all the right applications and permissions; no need to issue passwords that could be compromised

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### **Unmatched battery technology**

Four options: standard, extended, BLE and Wireless charging (TC58e); flexible and fast charging options with multi-slot cradles and support for standard USB charging cables; superior battery manageability

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### **Crystal clear audio**

Hear virtually every word on every call; three integrated microphones, two speakers and AI neural network-based noise suppression for superior intelligibility

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### **No more lost devices**

The BLE battery works with Device Tracker to enable lost or misplaced devices to be located quickly and easily—even if the battery is depleted

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### **Long product lifecycle**

The devices you buy today can serve your mobility needs well into the future; available for sale for four years, with support available for an additional four years



# A world of solutions to do more with your devices

Expand the TC53e/TC53e-RFID/TC58e capabilities to achieve new levels of productivity and operational efficiency with Zebra hardware and software innovations



# Top 5 Reasons

to choose TC53e/TC53e-RFID/TC58e for your business

1

## Achieve peak levels of front-line productivity

More processing power and the latest wireless connectivity—including 2nd generation 5G (Rel 16), Wi-Fi 6E and Private 5G—deliver virtually instant response times in the most demanding applications, so workers can answer customer questions, look up information, close out orders, access databases and more.

2

## Re-imagine workflows with new data collection possibilities

Scan a shelf tag on the highest rack without taking a step. Use short-range RFID to instantly confirm that all items in a shopper's cart were purchased. Take an inventory count with standard-range RFID. Instantly create a workstation or Point of Sale station. Securely accept virtually any card-based payment in the store aisle or customer doorstep. Zebra's innovative hardware and software solutions define a new age of mobility—and operational efficiency.

3

## A notable legacy—with an even more inspiring future

Millions of workers have depended on the TC5 Series, from the sales floor to the delivery truck. Now you can give your workers the latest innovation in this best selling mid-tier family of mobile computers. The TC53e/TC53e-RFID/TC58e draws on the unmatched experience of the TC5 Series' wide customer base, deployments and environments to create a powerful platform that performs far beyond the demands of today and can meet your workflow needs tomorrow.

4

## A better experience for your workers

Your workers depend on their mobile device every minute of every shift—and the TC53e/TC53e-RFID/TC58e gives them the best possible experience. A brilliant full HD+ 6-inch display is easy to see, even in bright sunlight. An ergonomic design is easy to grip, light to carry and comfortable to use all shift long. Workers get secure, split-second authentication with facial recognition. Crystal clear audio. And much more.

5

## Robust security from the inside out

The TC53e/TC53e-RFID/TC58e is the most secure TC5 device yet, incorporating multiple levels of security. For example, it complies with Google StrongBox requirements. Secure Element models prevent physical hardware attacks. LifeGuard™ for Android™ delivers regular security updates over a device's lifespan to protect against the latest cyber threats.



# World-class data capture in the palm of your hand

Different use cases require different scanners. That's why you get a choice of three different scan engines. No matter which scan engine you choose, your workers can count on the fast and flawless scanning performance that has made Zebra an industry leader. Damaged, dirty or poorly printed barcodes? No problem. Zebra scanners can deliver split-second first time capture of virtually every barcode, regardless of condition.

## Advanced range scanning Indoor/outdoor

### SE55 1D/2D Advanced Range scan engine with IntelliFocus™ technology

Exclusive technology easily captures 1D/2D barcodes in hand and up to 40 ft./12.2 m away

Boost productivity by capturing top-shelf barcodes without a ladder and low barcodes without bending down

Best-in-class green laser aimer is up to seven times more visible than a red laser, easy to see even in bright sunlight

*Available in: TC53e, TC58e*

## Standard range scanning Indoor

### SE4720 1D/2D scan engine

Fast and easy capture of barcodes, labels and documents

Versatile working range up to 24 in./60 cm away

Capture barcodes in any condition

Large sweet spot to easily capture large barcodes

*Available in: TC53e, TC53e-RFID, TC58e*

## Standard range scanning Indoor/outdoor

### SE4770 1D/2D scan engine

Ideal for capturing barcodes outdoors and inside in T&L and more

Cross-hair aimer is easy to view, even outdoors

Wide field of view and maximum motion tolerance

*Available in: TC58e*





# The power of integrated UHF RFID

## Open up a world of RFID-enabled possibilities with short range RFID

Give your front-line workers the power of integrated mobile RFID with the TC53e-RFID. It's easy to carry and hold, and can read 20 RFID tags per second with a read range up to 4.0 ft./1.2 m away. Integrated RFID means there are no extra sleds or sled batteries to manage. The TC53e-RFID is compatible with all the same TC53/TC53e/TC58/TC58e accessories, allowing you to standardize on one model to meet diverse needs. And the TC53e-RFID is also compatible with Zebra's standard range RFD40 and standard or extended range RFD90 ultra-rugged UHF RFID sleds, enabling short and long range RFID with a single device.

### Retail

At self-checkout, instantly confirm that all items in a cart were purchased; speed up the POS and line bust by reading all items in a basket simultaneously



Quickly and easily locate an item for a customer, eliminating wait times that could result in an abandoned sale



Instantly reconcile incoming shipments and reprogram existing tags on returns



Quickly and accurately take inventory of tagged items on a shelf or rack to help prevent out-of-stocks



Identify goods that are marked with the wrong price and update the price label, protecting profitability (requires Bluetooth printer)



### Hospitality

Quickly and accurately validate tickets at events to authenticate tickets, keep lines moving and patrons happy



### T & L

Instantly and accurately identify bags on a baggage cart, ensuring the right bags are loaded onto the right plane and waiting for passengers upon arrival



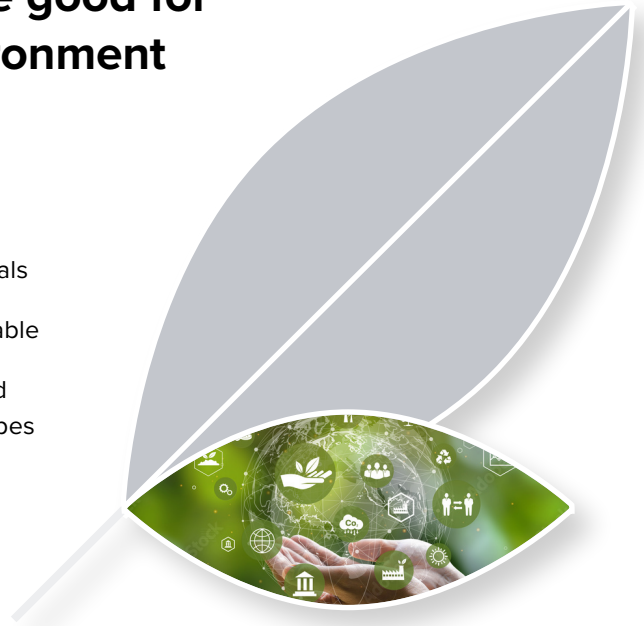
Accurately load and unload packages, ensuring shipments are on the right truck, delivered to the right customer on time, every time



# Put sustainable technology in the hands of your workers

The TC53e, TC53-RFID and TC58e are good for your business—and good for the environment

- 🌿 Constructed with 25% post-consumer recycled plastics
- 🌿 Free of halogen, mercury and PFO/PFOAs
- 🌿 Packaging is 98 percent biodegradable and utilizes recycled materials
- 🌿 Power consumption is reduced; batteries are removable and recyclable
- 🌿 Long device lifecycle reduces the overall environmental impact—and TC53e/TC58e/TC53e-RFID can take the place of multiple device types
- 🌿 Zebra's Circular Economy can reduce your overall carbon impact with takeback recycling, device buy-back, certified refurbished devices and battery recycling services



## A full portfolio of services

From everyday support to analytics that enable proactive device management to convenient on-device video training

### Manage and Support: Zebra OneCare™

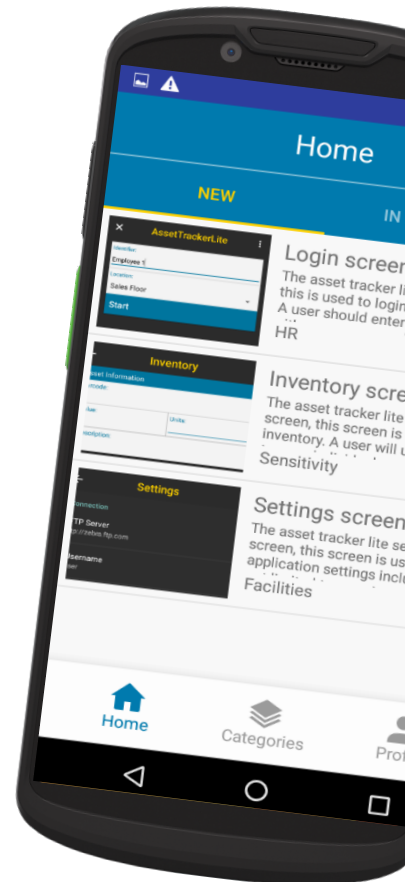
Choose the plan that's right for your business goals and budget. Far from one-size-fits all, Zebra OneCare plans offer everything from Essential coverage to elevated Select support, and even Specialized plans for targeted protection. Pick your plan based on your device type or portfolio, contract length, coverage level and repair turnaround time. It's pain free with our simple subscription model.

### Train and Adopt: Video on Device

Make short easy-to-follow how-to videos on your TC53e/TC53e-RFID/TC58e devices to put on-the-job learning and support right at your workers' fingertips.

### Actionable Intelligence: VisibilityIQ Foresight™

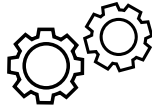
Proactively spot and address issues gleaned from information on Zebra mobile computers, printers, scanners and batteries—before they impact your business.



# Mobility DNA

## Your mobile computer's built-in advantage

Mobility DNA offers secure solutions to help deploy, manage and support every stage of your devices' lifecycle to achieve and accelerate greater business outcomes, lower TCO and address your unique business needs.



### Integrate

#### DataWedge API

Easily capture and send barcode data into your apps without writing code

#### Enterprise Browser

Easily build feature-rich web apps that utilize all device features

#### Enterprise Mobility Management Tool Kit

Create rich apps that take full advantage of your device's capabilities



### Optimize

#### Device Central

Easily manage Bluetooth accessories

#### All-touch Terminal Emulation

Convert legacy, green screens into an all-touch, modern UX

#### Enterprise Keyboard

Give workers a keyboard designed for your data

#### SimulScan

Effortlessly capture up to 100 barcodes simultaneously

#### OCR Wedge

Capture standardized data such as drivers licenses and license plates

#### TekTerm

Migrate CE windows mobile applications to Android



### Secure

#### LifeGuard™ for Android™

Easily keep your devices secure every day they are in service

#### Enterprise Home Screen

Specify which apps users can access, disable device features and automatically launch apps



### Deploy

#### StageNow

Stage a handful or thousands of devices with a scan of a barcode or tap on an NFC tag

#### Zebra Zero-Touch

Let your devices provision themselves right out of the box



### Manage

#### Device Diagnostics

Test major device systems to eliminate costly and unnecessary trips to the repair depot

#### Device Tracker

Locate missing devices quickly and easily—even if they are turned off or the battery is dead

#### GMS Restricted Mode

Turn off the Google Mobile Services you don't want

#### Mobility Extensions

Add features to protect business data and network access

#### Wireless (Fusion)

Get dependably superior Wi-Fi connections

#### Wireless (Analyzer)

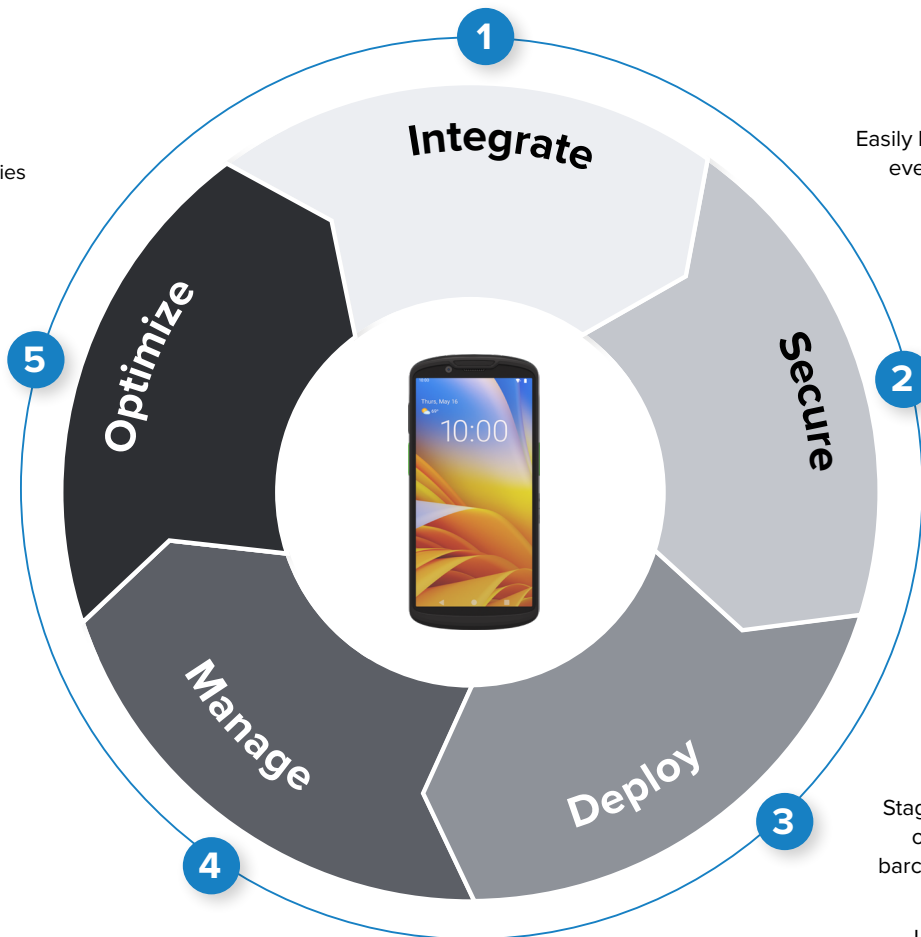
Capture and analyze wireless data and voice to improve connectivity performance

#### RxLogger

Capture system and application logs to identify problems

#### OEMConfig (Mx)

A unified interface for all Zebra value-added APIs via an EMM





# Enterprise-ready rich accessory ecosystem



## Workstation Cradle

Create a mobile-driven workstation; connect to a monitor, keyboard, mouse, printer and more



## Point of Sale Cradle

Create a complete POS—large display, scanner, receipt printer, payment terminal, cash drawer, keyboard and mouse



## 2-slot cradle

Charges one mobile computer and one spare battery simultaneously



## Multiple charging options

Single slot and multi-slot cradles for the backroom; multi-slot spare battery chargers; adapter cup for backward compatibility with existing ShareCradles



## Vehicle chargers and cradles

Wireless vehicle charging cradle, vehicle holder (non-charging)



## Rugged protective case

Adds another level of durability; 8 ft./2.4 m to concrete drop spec



## Attachable trigger handle

Rapid fire scanning and added comfort for scan-intensive applications



## RFD40/RFD90 eConnex RFID sleds

Lightning-fast inventory cycles; sleds read 1,300 tags per second; snap and go pairing with eConnex



## Intelligent Cabinets

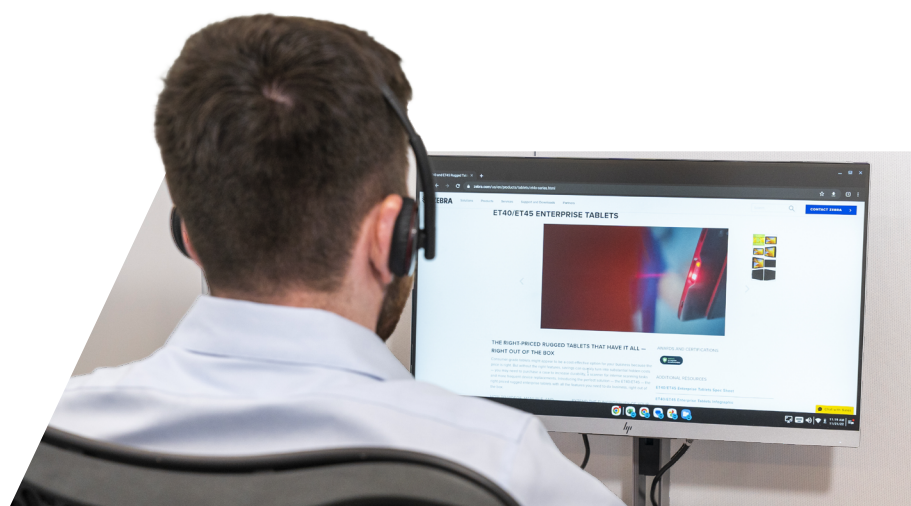
Organize, secure, track, manage and store your devices; real-time visibility into which devices are in use, charging or missing and who is using them



## Rugged HD voice headsets

Bluetooth and corded models; dustproof, sprayproof and waterproof; superior voice quality

And more...



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