

A new generation of mobile computers
designed to do more



TC53/TC58 Mobile Computer

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Device Overview

Meet the TC53/TC58 Mobile Computer

Introducing the TC53 (Wi-Fi) and TC58 (Wi-Fi/cellular), the new generation of our best-selling enterprise mobile computer. Designed for front-line workers in retail, field service and logistics, the TC53/TC58 balances rugged durability with ergonomics and intuitive design — plus industry-best hardware and software innovations that redefine mobile computing performance and the world of possibilities.



1. OIS on Premium models only

2. Certified Mobile Parcel requires Certified models; Non-certified Mobile Parcel supported on Premium models

Benefits

Driving new possibilities into the world of mobility



New, significantly faster processor

90% boost¹ in CPU for blazing speeds and near instant response times with next generation Qualcomm 6490 octa-core processor; long-term support for future Android releases

Vivid FHD+ 6-inch display

Largest, highest resolution and brightest display in this product class; easy to read indoors and outside

Faster, future-proof connectivity

5G (TC58) and Wi-Fi 6E; fastest possible cellular speeds for workers in the field; optimized Wi-Fi performance in large buildings; low latency connections power next generation augmented reality applications

Standard or advanced range scanning

Capture barcodes in virtually any condition the first time, every time; SE4720 1D/2D offers standard range scanning; SE55 allows workers to easily scan barcodes in hand or across the room

Ultra high-resolution photos and video

16MP rear camera with Optical Image Stabilization² for better low light and high dynamic range performance

Waterproof, dustproof, drop-proof

Dual IP65/IP68 sealing; 6 ft./1.8 m drops to concrete with protective boot; 5 ft./1.5 m drops to tile over concrete without protective boot; MIL-STD-810H

Unmatched battery technology

Highest capacity battery in its class; extended battery, BLE battery and Wireless charging battery options; warm swap (standard models) and hot swap (premium models); superior battery manageability

Superior voice quality

Hear virtually every word on every call; three integrated microphones, two speakers and support for wireless and wired headsets³

Long lifecycle

4 years of sales + 4 years of support

Maximum uptime with Zebra OneCare™

Peace-of-mind plans that flex to fit your business from Essential coverage to elevated Select support, and even specialized plans for targeted protection

1. Compared with QCSD660; Qualcomm benchmark testing

2. OIS on Premium models only

3. 3.5 mm connector for wired headset available on TC53 only

Solutions that define a new age of mobility

Expand the TC53/TC58 capabilities to achieve new levels of productivity and operational efficiency with Zebra hardware and software innovations



Calculate accurate parcel dimensions
– and shipping charges



Create a mobile-driven on-demand
workstation



Create a complete hybrid on-demand
Point of Sale



Add lightning fast RFID



Enable time-saving hands-free workflows



Be ready to securely accept payments
with tap to pay and more



Turn it into a two-way radio or
PBX handset



Boost productivity with an
extraordinary scanning range

Top 5 Reasons

to choose TC53/TC58 for your business

1

The most advanced enterprise mobile computer yet

The TC53/TC58 is the first device in its class to offer Qualcomm's 6490 octa-core processor for significantly faster processing speeds and near instant response times. You also get all the latest wireless technology — including 5G, Wi-Fi 6E and CBRS (US only), for the fastest possible wireless connections in the field or your facility.

2

Reimagine workflows with entirely new data collection possibilities

Scan a shelf tag on the highest rack without taking a step. Calculate accurate parcel dimensions and shipping charges with the press of a button. Take an inventory count in record time with RFID. Instantly create a workstation or hybrid Point of Sale station. Be ready to securely accept payments with tap to pay and more. These innovative hardware and software solutions define a new age of mobility — and operational efficiency.

3

Ready for the future

An adaptive future-proof design performs far beyond the demands of today and can meet your workflow needs tomorrow. From ARCore based augmented reality applications, to cutting edge hands-free workflows and next generation payment solutions, the TC53/TC58 offers built-in support for future workflows.

4

A superior experience for your workers

Your workers depend on their mobile device every minute of every shift — and the TC53/TC58 gives them the best possible experience. A brilliant full HD+ 6-inch display that's easy to see, even in bright sunlight. Thinner ergonomics for all-day comfort. Batteries that are easy to swap in seconds. Crystal clear audio. And much more.

5

Mobility DNA — your mobile computer's built-in advantage

Where other mobile computer manufacturers stop, Zebra keeps you fully covered with software capabilities for every kind of user and use case. You're empowered from the start with built-in applications, utilities and tools that maximize device performance from integration, security and deployment for easier management and optimization.



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



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



Fiber tipped stylus

Passive stylus made from stainless steel and brass; mesh fiber tip for smooth gliding; works in rain



Rugged HD voice headsets

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

And more...



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