ZEBRA CAPTURE YOUR EDGE

TC73/TC78 Mobile Computer

The ultra-rugged mobile computer
re-imagined for the new age of mobility

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Device Overview

Meet the TC73/TC78 Mobile Computer

Introducing the TC73 (Wi-Fi) and TC78 (Wi-Fi/cellular), a new generation of mobile computers designed for the new age of mobility. As the next evolution in the ultra-rugged TC7X family, the TC73 and TC78 are lighter, thinner and tougher — and loaded with the latest, class-leading technologies.

Ultra-high resolution rear 16 MP camera with Optical Image Stabilization (OIS)[1]

SE4770 1D/2D scan engine for standard scanning ranges

Large, bright LED for easy scan confirmation

Time of Flight depth sensor for mobile parcel dimensioning[2]

Front 8MP Camera

eConnex™ for snap-and-go pairing with RFID sleds and more

Multiple memory configurations up to 8 GB RAM/128 GB UFS Flash

Choice of standard battery, extended battery, BLE battery or Wireless charging battery

5G (TC78) and Wi-Fi 6E

Contoured surface on sides and back reduces pressure points; secure and comfortable grip for any sized hand

Glove-friendly scan and push-to-talk (PTT) keys

Thinner grip for better worker comfort

Ultra-bright 6-inch Full HD+ display

One-piece bumper surrounds device for increased impact protection

Corning® Gorilla® Glass on screen and imager window

SE55 1D/2D Advanced Range scan engine with IntelliFocus™ technology; capture barcodes in hand and up to 40 ft./12.2 m away[3]

1. OIS on Premium models only
2. Certified Mobile Parcel requires Certified models; Non-certified Mobile Parcel supported on Premium models
3. Distance dependent on symbology type and size

What makes the TC73/TC78 different?

3x faster Wi-Fi

Wi-Fi 6E is three times faster, has 75% less latency and supports four times the number of devices than Wi-Fi 5, all with less power

"Wired-like" 5G cellular speeds

5G gives workers access to faster cellular speeds (TC78) — 30-40 times less latency than 4G, plus better signal quality and strength

10 ft./3.05 m drops to concrete

Industry-best drop specification — a 25% increase over previous generation TC7X mobile computers; no rugged boot required

7% lighter[2]

Advanced manufacturing and materials technologies enable a more rugged design — without adding weight

Crystal-clear, natural-sounding voice

HD voice, including Super-wideband, Wideband and Fullband; easy to understand, natural sounding voice — as clear as if callers on both ends are in the same room

Nearly 20% thinner[2]

Advanced manufacturing and materials technologies enable a more rugged design, without add weight or thickness

Ultra-high resolution photos and videos

16 MP rear camera with Optical Image Stabilization[4] for better low light and high dynamic range performance

90% more processing power[1]

The next generation Qualcomm 6490 octa-core processor delivers 90% more processing power and a 400% faster graphics processor

New extraordinary scanning range

The SE55 1D/2D Advanced Range scan engine with IntelliFocus™ technology enables the capture of barcodes in hand and as far as 40 ft./12.2 m away[5] — without bending down or climbing ladders.

28% larger display

Vivid 6-inch Full HD+ display that's easy to read inside or outdoors; workers can view more information with less scrolling for a productivity boost

2x more memory

Up to 8 GB of RAM and 128 GB Flash, plus a 2 TB MicroSD card slot provide ample storage for the most data-intensive applications

6x more accurate locationing[1]

Up to 6 times more accurate, with Z-axis support — ideal for first responders

Designed to last for 5 years

Long lifecycle — five years of product availability with a full 10 years of service and support[3]

Unmatched battery technology

Four options: standard, extended, BLE and Wireless (TC78 only) charging batteries; warm swap (standard models) and hot swap (premium models); flexible and fast charging options with multi-slot cradles and support for standard USB charging cables; superior battery manageability

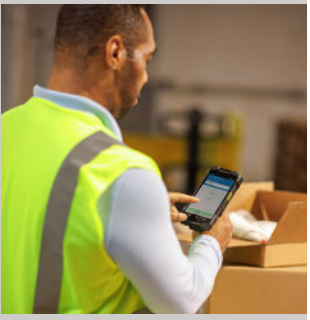
1. Compared with QCSD660; Qualcomm benchmark testing
2. Compared with prior generation TC7 Series devices
3. From the first date the TC73/TC78 is for sale
4. OIS on Premium models only
5. Distance dependent upon symbology type and size

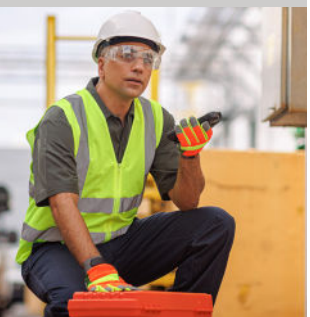
Solutions that define a new age of mobility

Expand the TC73/TC78 capabilities to achieve new levels of productivity and operational efficiency with Zebra hardware and software innovations

- Calculate accurate certified parcel dimensions — and shipping charges
- Create a mobile-driven on-demand workstation
- Boost productivity with an extraordinary scanning range
- Turn it into a two-way radio or PBX handset
- Optimize truck loads with instant, accurate measurements
- Be ready to securely accept payments with tap to pay and more
- Add lightning fast RFID
- Enable time-saving hands-free workflows with wireless ring scanners

Ready to work
in the most demanding environments





T&L/Postal/ Parcel Delivery

- Last mile delivery
- Package/pallet track and trace
- Proof of delivery/pickup
- Route optimization
- Fleet management
- Payment collection/ invoicing
- Location services
- Electronic driver logging
- Zebra Dimensioning™ Certified Mobile Parcel for accurate capture of parcel dimensions and charges at parcel pickup and retail location drop-off
- Mobile Parcel for capturing parcel dimensions for planning space requirements at sorting depots, distribution centers and warehouses
- In-cab Telematics monitoring
- Voice communications
- Micro-locationing

Field Mobility/ Field Service

- Asset management
- Parts inventory
- Invoicing
- Scheduling and location-based services
- Route optimization
- Field service training
- Mobile Point of Sale
- Collaboration
- Proximity sensing

Airlines (under wing)

- Baggage reconciliation
- Baggage transport
- Check-in baggage size verification
- Under the Wing crew
- Maintenance
- Fueling
- Freight
- Cargo
- De-Ice

DSD/Route Accounting

- Order/returns processing
- Delivery tracking
- Proof of delivery
- Route optimization
- Inventory management
- Store setup
- Planogram compliance
- Customer service
- Work order management
- Voice communications

Manufacturing

- Asset management
- Auto assembly
- Assembly line quality control
- Track and trace — which worker completed which task with which part on which vehicle
- Product information management
- Equipment maintenance
- Workforce management

Warehouse

- Picking/put-away
- Warehouse management
- Returns processing
- Order/inventory management
- EDI transactions
- Voice communications

Government/ Public Service

- Citation/ID validation
- Situational awareness
- Military base access control
- Communication and collaboration
- Asset management
- Warehouse and asset tracking
- License plate capture OCR Wedge)
- Vehicle Identification Number (VINs) capture (OCR Wedge)

Retail/ Distribution Centers

- Store shipping/receiving
- Price audits/changes
- Inventory management
- Damaged claim returns
- Order replenishment
- Returns processing
- Voice communications
- Zebra dimensioning

Top 5 Reasons

. . . to choose **TC73/TC78** for your business

1

Achieve peak levels of workforce productivity

Best-in-class processing power and the latest wireless connectivity — including 5G, Wi-Fi 6E and CBRS (US only) — deliver virtually instant response times in the most demanding applications, so workers can close out orders, look up information, access databases and more, faster than ever before.

2

Re-imagine 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 full workstation for heavy data entry or viewing content on a big screen. Turn the TC73/TC78 into a two-way radio and PBX handset. Be ready to securely accept payments with tap to pay and more.

3

Step confidently into the future

Cutting-edge technology enables new, more effective workflows so you'll be ready for whatever comes next. From ARCore based applications like augmented reality to highly accurate indoor locationing, video calls and intuitive multimedia-rich apps and next generation payment solutions, the TC73/TC78 offers built-in support for future workflows. And you can count on a long lifecycle — five years of availability with a full 10 years of service and support.

4

Tougher, thinner, lighter

Zebra's award-winning Industrial Design team has built a device that's remarkably tough, lightweight and thin. That means your business benefits from an industry-best drop spec to minimize device breakage, while your workers get a device that's easy to grip, light to carry and comfortable to use all shift long.

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

NG 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

2-slot cradle
Charge 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)

USB charging
Easy charging anywhere — plug in any standard outlet to charge with USB-C power supply and USB-C power cable — or charge in any vehicle with the USB-C cable

Attachable trigger handle
Rapid fire scanning and added comfort for scan-intensive applications

RFD90 ultra-rugged eConnex RFID sled
Lightning-fast inventory cycles; reads 1,300 tags per second; ultra-rugged for demanding environments; 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

With integrated NFC, you can just tap to pair with any NFC-enabled Zebra mobile printer and wearable scanner to create a complete mobile solution in seconds

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