

# TC21/TC26 Touch Computer

The ultimate cost-effective touch computer built for small and big business

If you're considering purchasing low-cost mobile phones for your workers, step up to the TC21/TC26 Touch Computers — without stepping up in price. Help your workers access the data they need to act more efficiently. With multiple configurations at different price points, you pay only for the features your workers need, including connectivity — the Wi-Fi-only TC21 for workers inside the four walls or the Wi-Fi/cellular TC26 for workers out in the field. New options include best-in-class 2.2 GHz computing power to maximize application performance, a protective boot for more demanding environments and the ability to turn these devices into a complete workstation in seconds. And powerful new Zebra Mobility DNA™ solutions expand data capture capabilities and simplify device management for any size deployment. The TC21/TC26 Touch Computer — right sized, right featured, right price.



## A New Level of Features for a Value-Priced Device

### Lightweight Right-Sized Small Design

Lightweight, easy to carry and easy to operate with one hand.

### Android Familiarity

Virtually eliminate training with the familiarity of Android and the built-in support of future Android releases provide superior future-proofing.

### Large 5-Inch High Definition Advanced Touchscreen

Get plenty of space to interact with your applications. And the touchscreen is easy to view indoors and outside in bright sunlight.

### Built for Business

Waterproof, dustproof, drops to concrete, snow, rain, heat, freezing cold — the TC21/TC26 can handle it all. The display and scanner exit window are fortified with Gorilla Glass. And if you work in more demanding environments, no problem — the optional protective boot ensures reliable operation even after a 5 ft./1.5 m drop.

### The power to run all your applications

With a choice of a 1.8 GHz or 2.2 GHz advanced Qualcomm octa-core processor, the TC21/TC26 delivers the fast response times that users need — even for the most demanding applications.

### All the wireless connections you could ever need

When it comes to wireless, the class-leading TC21/TC26 offers it all — Wi-Fi, cellular, Bluetooth, GPS and NFC.

### Digital wallet support for contactless transactions

With support for Apple VAS and Google Smart Tap, the TC21/TC26 can read tickets, loyalty cards, gift cards, boarding passes and more stored in Apple or Google wallets on consumer smart phones.<sup>1</sup>

### Superior voice quality and functionality

VoLTE delivers superior voice quality over cellular networks, while Zebra's advanced VoWiFi technology, included with the Mobility DNA Enterprise License, delivers superior voice quality over all of your Wi-Fi voice applications —



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For more information, visit [www.zebra.com/tc21-tc26](http://www.zebra.com/tc21-tc26)

for example, Push-to-Talk Express for basic walkie-talkie style communications, the Workforce Connect PTT Pro<sup>2</sup> subscription service for walkie talkie-style communications over cellular and Wi-Fi networks, and Workforce Connect Voice<sup>3</sup> to turn TC21 and TC26 devices into fully-featured PBX handsets.

#### **Capture it all with a high resolution 13 MP rear camera**

From proof of delivery to a damaged package, completed repair and occasional barcode capture, do it all with the integrated autofocus color camera.

#### **The right maintenance plan for the right price**

Receive enterprise-level service at the right price with Zebra OneCare™ SV. This service helps eliminate unexpected repair costs and keeps devices up and running — at a fraction of the cost of a single uncovered repair.

#### **LifeGuard™ — a lifetime security guard for Android**

Included at no cost with your Zebra OneCare maintenance plan, LifeGuard™ for Android™ provides security patches and updates to keep devices secure, with options that give you full control over every aspect of the update process.

#### **Extensive business-class accessory family**

Easily and cost-effectively manage any size device pool in any environment with single and multi-slot chargers and cradles, vehicle holders, wearable and carrying solutions and more.

### **The most options in its class**

#### **Choose the right scanning option for your applications**

For scan-intensive 1D/2D applications, choose the SE4710 for faster-than-ever barcode capture. For light to moderate 1D/2D scanning requirements, choose the SE4100. If you just need every-now-and-then barcode capture, the high resolution 13 MP camera in the base model can do the job. Zebra's optional OCR Wedge effortlessly captures standardized data, such as information on license plates to streamline citations; on labels to track shipments moving through a warehouse; and serial numbers on parts and equipment for track and trace in manufacturing.

#### **A removable single or multi-shift battery**

The standard battery provides more than enough power to outlast a shift, while the extended battery is ideal for long or double shifts.<sup>4</sup> Since the battery is removable, you never need to take the device out of service for charging.

#### **Create a hands-free wearable solution in the warehouse**

The optional wrist-mount accessory provides the comfort and productivity boost of hands-free operation. Simply tap to pair with Zebra's RS5100 Bluetooth ring scanner and Zebra mobile printers.

#### **Add a 5 MP front camera for video calls**

Enable technicians in the field to collaborate with experts to increase first-time-to-fix rates, simplify on-the-job training and more.

#### **Create a mobile-driven workstation**

Simply drop the TC21/TC26 into a Workstation cradle to connect to a monitor, keyboard, mouse, printer and more, eliminating the need to purchase and manage separate fixed workstations.<sup>5</sup> A mobile-driven solution uses less energy than the average desktop computer — lowering your energy costs and carbon footprint.

## **Unleash the potential of your devices and your workforce with Zebra Mobility DNA**

#### **Get a built-in advantage with no-cost Mobility DNA Professional**

Add powerful enterprise features to standard Android with Mobility Extensions (Mx) — choose from over a hundred features to increase security, improve device manageability and more. Stage a handful or thousands of devices in seconds with StageNow. Control the applications and features workers can access with Enterprise Home Screen. Enter barcodes into your apps right out of the box with DataWedge. Integrate TC21/TC26 features into your apps with Zebra's Enterprise Mobility Development ToolKit (EMDK). Control the GMS apps and services that are available on your devices with GMS Restricted Mode. Automatically enable EMM support for every TC21/TC26 feature with OEM Config. Collect targeted diagnostics for easier troubleshooting with RxLogger. And test all main device systems with the press of a button with Device Diagnostics.

#### **Maximize device functionality, workforce productivity and the user experience with the optional Mobility DNA Enterprise license**

Simultaneously capture up to 100 barcodes, even on multiple labels, with a single scan. In one button press, capture and crop a document image, optionally capture a barcode and detect signature presence. Enable faster data entry with a customized soft keyboard. Allow workers to easily manage their Bluetooth accessories. Give workers unsurpassed 'won't drop' wired style Wi-Fi connections every minute of every shift. Additional tools available for purchase include Device Tracker to track and locate missing devices. And Zebra DNA Cloud makes it easy to deploy, configure and manage the tools you need.<sup>6</sup>

# Specifications

# Markets and Applications

## Physical Characteristics

Dimensions	With standard battery: 6.22 in. L x 3.11 in. W x 0.54 in. D 158 mm L x 79 mm W x 13.7 mm D With extended battery: 6.22 in. L x 3.11 in. W x 0.68 in. D 158 mm L x 79 mm W x 17.3 mm D
Weight	8.32 oz./236 g with standard battery; 269 g with extended battery
Display	5.0 in. color HD (1280 x 720); LED backlight; Corning® Gorilla® Glass
Imager Window	Corning® Gorilla® Glass
Touch Panel	Capacitive Touch Panel; multi-touch
Power	Removable/serviceable rechargeable Li-Ion Standard battery: 3300 mAh/12.54 Wh Extended battery: 5260 mAh/20.25 Wh
Expansion Slot	One 128 GB micro SD slot
SIM	1 Nano SIM slot; optional eSIM (TC26 only)
Network Connections	TC21: WLAN, WPAN, USB 2.0 hi-speed (host and client) TC26: WWAN, WLAN, WPAN, USB 2.0 hi-speed (host and client)
Notifications	Audible tone; multi-color LEDs; vibration
Keypad	On-screen keypad
Audio	Speaker - 1 Watt Voice support (Internal speaker/receiver and microphones)
Buttons	Scan on each side; volume up/down; power; push-to-talk (PTT) keys

## Performance Characteristics

CPU	Qualcomm Snapdragon™ 660 octa-core, 1.8 GHz or 2.2 GHz (select configurations)
Operating System	TC21: Upgradeable to Android 14 TC26: Upgradeable to Android 14
Memory	4 GB RAM/64 GB Flash memory; 3 GB RAM/32 GB Flash memory

## User Environment

Operating Temp.	14°F to 122°F / -10°C to 50°C
Storage Temp.	-30°F to 158°F / -30°C to 70°C
Humidity	5% - 95% non condensing
Drop Spec.	5 ft./1.5 m drop to concrete per MIL-STD-810G with optional protective boot 4 ft./1.2 m drop to concrete per MIL-STD-810G across operating temperature
Tumble Spec.	550 tumbles, 1.6 ft./0.5 m with boot
Sealing	IP67

## Data Capture

Scanning	SE4100 1D/2D imager SE4710 1D/2D imager Camera scanning (SKU dependent)
Camera	Rear camera 13 MP; optional front camera 5 MP
NFC	Integrated; MIFARE, ISO 14443 A&B, FeliCa, ISO 15693 and NFC Forum supported cards; read range up to 50 mm; support for Apple VAS1 / Google Smart Tap1

## Wireless WAN Data and Voice Communications

Radio Frequency Band (TC26 only)	TC26 North America• UMTS: B2/B4/B5 • LTE: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66 • LTE: Category 6 TC26 Rest of World • GSM: 850/900/1800/1900 • UMTS: B1/B2/B3/B4/B5/B8/B9/B19 • LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B19/B20/B28 • LTE-TDD: B38/B40/B41 • LTE: Category 6 TC26 China• GSM: 850/900/1800 • UMTS: B1/B5/B8 • LTE-FDD: B1/B3/B5/B7/B8 • LTE - TDD: B38/B39/B40/B41 • LTE: Category 6
Voice Communications	Optional Push-to-Talk (PTT) Express Mobility DNA software application for instant PTT walkie-talkie style calls inside the four walls. Optional Workforce Connect Push-to-Talk (PTT) Pro <sup>2</sup> Mobility DNA easy-to-deploy, cost-effective subscription-based software application that provides instant PTT walkie-talkie style calls inside and outside the four walls via an easy-to-deploy subscription service. Optional Workforce Connect Voice <sup>3</sup> to turn TC21/TC26 devices into fully-featured PBX handsets with a custom interface that makes it easy to execute even the most complex telephony features — eliminating the need to purchase and manage additional voice-enabled devices.
GPS (TC26 only)	GPS with A-GPS: Glonass; BeiDou; Galileo

## Wireless LAN

WLAN Radio	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w; Wi-Fi™ certified; IPv4, IPv6, 1x1 MU-MIMO
Data Rates	2.4 GHz: 802.11b/g/n — 20MHz, 40MHz — up to 150 Mbps 5 GHz: 802.11a/g/n/ac — 20MHz, 40MHz, 80MHz — up to 433 Mbps
Operating Channels	Channel 1-13 (2412-2472 MHz): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 Channel 36-165 (5180-5825MHz): 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165 Channel Bandwidth: 20, 40, 80 MHz Actual operating channels/frequencies and bandwidths depend on regulatory rules and certification agency
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP and AES); WPA3 Personal (SAE);

### Inside the four walls

- Retail
- Hospitality
- Light warehouse
- Manufacturing

### Outside the four walls

- Field service
- Direct Store Delivery (DSD)
- Postal
- Courier
- Route accounting

## User Environment

Electrostatic Discharge (ESD)	+/-15 kV air discharge, +/-8 kV direct discharge; +/-8 kV indirect discharge
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## Interactive Sensor Technology (IST)

Light Sensor	Automatically adjusts display backlight brightness
Motion Sensor	3-axis accelerometer with MEMS Gyro
Proximity Sensor	Automatically detects when the user places the handset against head during a phone call to disable display output and touch input.

## Wireless LAN

	WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES) — EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP and EAP-PWD; WPA Enterprise 192-bit Mode (GCMP-256) - EAP-TLS; Enhanced Open (OWE)
Certifications	802.11a/b/g/n; WPA; WPA2; WPA3
Fast Roam	PMKID caching; Cisco CCKM; 802.11r (Over-The-Air); OKC

## Wireless PAN

Bluetooth	Bluetooth 5.0 BLE, Class 2
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## Environmental Compliance

- RoHS Directive 2011/65/EU; Amendment 2015/863
- REACH SVHC 1907/2006

For a complete list of product and materials compliance, please visit [www.zebra.com/environment](http://www.zebra.com/environment)

## Warranty

Subject to the terms of Zebra's hardware warranty statement, the TC21 and TC26 are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: [www.zebra.com/warranty](http://www.zebra.com/warranty)

## Recommended Services

Protect your TC21/TC26 mobile devices with Zebra OneCare™ SV, the right-priced service for Zebra's right-priced mobile devices. You get two years of protection against failure, coverage for normal wear and tear, live and online technical support, priority repair turnaround time and free shipping, as well as cloud-based visibility into reports on your devices — including repairs, tech support cases, contracts, LifeGuard Analytics for Android security patch status, and more. For more information on recommended services, please visit [www.zebra.com/zebraonecare](http://www.zebra.com/zebraonecare)

## Footnotes

1. Apple VAS and Google Smart Tap available Q3 2022; select configurations only; contact your Zebra sales representative for details.
  2. To enable maximum performance and voice quality for Workforce Connect PTT Express, PTT Pro and other VoWiFi solutions, the Mobility DNA Enterprise License is recommended.
  3. Mobility DNA Enterprise License is required to deploy Workforce Connect Voice and other 3rd party full duplex voice solutions for optimal performance and support.
  4. Based on typical user profiles.
  5. Workstation cradle available Q4 2022; supported on 4GB RAM configurations only.
  6. Zebra DNA Cloud available Q3 2022.
- Specifications subject to change without notice.  
For details related to Common Criteria support, please visit: [www.zebra.com/commoncriteria](http://www.zebra.com/commoncriteria)

## Mobility DNA

Mobility DNA solutions help you get more value out of our mobile computers by adding functionality as well as simplifying deployment and management of our mobile devices. For more information on these Zebra-only features, please visit [www.zebra.com/mobilitydna](http://www.zebra.com/mobilitydna)

Mobility DNA Professional integrated solutions are preloaded and pre-licensed, provided at no cost. To take advantage of the complete Mobility DNA offerings for the TC21/TC26, a Mobility DNA Enterprise license is required. For more information about Mobility DNA tools, please visit [www.zebra.com/mobility-dna-kit](http://www.zebra.com/mobility-dna-kit)



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