ENERGY ELECTRONICS

ZEBRA CAPTURE YOUR EDGE

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. Powerful complimentary Mobility DNA tools are pre-loaded and ready to use, making it easier to stage, secure and troubleshoot devices; capture and send data to your applications right out of the box; and more. Plus, the Mobility DNA Enterprise License delivers premium voice capabilities over Wi-Fi and unlocks a powerful data toolkit that takes workforce productivity and device management simplicity to a new level.

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.

First Device in Its Class to Offer Android 10
Familiarity with Android virtually eliminates training, while Android 10 with built-in support for a future Android release provides 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. Plus, the display and scanner exit window are fortified with Gorilla Glass.

All the Wireless Connections You Could Ever Need
When it comes to wireless, the class-leading TC21/TC26 offers it all — WiFi, cellular, Bluetooth, GPS and NFC.

Zebra's Most Powerful 'Ultimate Series' Platform
Simultaneously run the most demanding applications of today and tomorrow. And the TC21/TC26 is a natural fit for businesses that utilize Zebra's other mobile devices.

Capture it all With a High Resolution 13 MP Rear Camera
From proof of delivery to a damaged package, completed repair, occasional barcode capture and more, do it all with the integrated autofocus color camera.

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 WiFi voice applications — for example, Push-to-Talk Express[1] for basic walkie-talkie style communications, the Workforce Connect PTT Pro[2] subscription service for walkie talkie-style communications over cellular and WiFi networks, and Workforce Connect Voice[3] to turn TC21 and TC26 devices into fully-featured PBX handsets.

android enterprise recommended

TAA COMPLIANT

The Right Service Plan for the Right Price
Constant peak performance and device uptime. That's the upside of protecting your investment with Zebra OneCare™ SV. Reduce device vulnerabilities, eliminate unexpected disruptions and unbudgeted repair expenses. You can also optimize your service with additional, flexible for-fee modules that provide expedited repair shipping, battery maintenance, device commissioning and cloud-based device visibility.

LifeGuard™ — A Lifetime Security Guard for Android
LifeGuard™ for Android™ provides the security patches and updates you need to keep your TC21/TC26 devices secure every day they are in service. Included with your warranty and with all Zebra OneCare Support Service agreements.

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. And if you just need every-now-and-then barcode capture, the high resolution 13 MP camera in the base model can do the job.

A Removable Single or Multi-Shift Battery
Get 10 hours of power with the standard battery, or choose the extended battery for 14 hours of power — ideal for long or double shifts. And 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. And your workers can just 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.

Unparalleled Value with Complimentary Mobility DNA Tools

Add Powerful Enterprise Features with Mobility Extensions (Mx)
Choose from over a hundred features to improve the security, data capture support, wireless connectivity and device manageability of the standard Android operating system. You're in charge — you decide what and when to activate. And features can be automatically configured via your Enterprise Mobility Management (EMM).

Stage Your Devices for Use in Seconds with StageNow
Easily stage a handful or thousands of Android devices with a quick scan of a barcode or tap on an NFC tag.

Enterprise Home Screen
Easily control the applications and device features your workers can access. And you can create different configurations for different teams, such as sales and marketing — no developer required.

It's a Snap to Enter Barcodes Into Your Apps
Send barcodes captured with the scanner right into your existing apps with Zebra's DataWedge — no programming or modification of your existing apps required. The result? A big time-savings — without any cost.

Take Full Advantage of Data Capture Features with EMDK
The Zebra Enterprise Mobility Development ToolKit (EMDK) has everything you need to fully utilize data captured by any TC21/TC26 feature in your applications.

Improve Device Uptime with Device Diagnostics
Eliminate the high cost of needlessly sending devices that don't need repair to the Zebra Repair Center with Device Diagnostics. This simple to use tool allows administrators and end users alike to test the main systems on Zebra mobile computers with a simple press of a button to reveal whether the device can be fixed on site — or must be sent out for repair.

Unlock a Powerful Suite of Optional Big Business Tools

Optional Mobility DNA Enterprise License
Unlock powerful voice and data tools to maximize the functionality and value of your TC21/TC26 devices. You get superior voice quality, including full-duplex voice. And a suite of innovative data solutions take device management, device security and data entry to a new level of simplicity.

Specifications

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
Operating System	Android 10 with built in support for a future Android release
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.	-22°F to 158°F / -30°C to 70°C
Humidity	5% - 95% non condensing
Drop Spec.	4 ft./1.2 m drop to concrete per MIL-STD 810G across operating temperature
Tumble Spec.	300 tumbles, 1.6 ft./0.5 m
Sealing	IP67
Electrostatic Discharge (ESD)	+/-15 kV air discharge, +/-8 kV direct discharge; +/-8 kV indirect discharge
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

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
Wireless WAN Data & 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[1] Mobility DNA software application for instant PTT walkie-talkie style calls inside the four walls. Optional Workforce Connect Push-to-Talk (PTT) Pro[2] 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[3] 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

Continued on page 4

Markets and Applications

Inside the four walls

- Retail
- Hospitality
- Light warehouse
- Manufacturing

Outside the four walls

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

Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP and AES); WPA3[4] Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3[4] 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[4]
Fast Roam	PMKID caching; Cisco CCKM; 802.11r (Over-The-Air); OKC

Wireless PAN

Bluetooth	Bluetooth 5.0 BLE, Class 2

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

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

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 Zebra OneCare Support Services

Footnotes

1. Workforce Connect PTT Express is pre-loaded with a 90-day evaluation license. A full license must be purchased to continue use after 90 days evaluation.
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. WPA3 available in Q4 2020.

Mobility DNA™ Professional Integrated Solutions

Mobility DNA™ is available on Android only. 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 the Mobility DNA Value Tier Kit home page.

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