

TC21 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 Touch Computers - without stepping up in price. All the right business features help your workers capture and access the data they need to act faster and more efficiently. The right rugged design delivers reliable operation, day in and day out. The right business class accessories makes the TC21 easier to use and easier to manage. With multiple configurations at different price points, you pay only for the features your workers need, including connectivity - the WiFi-only TC21 for workers inside the four walls. 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; restrict access to features and applications; and more.



Built for business

Waterproof, dustproof, drops to concrete, snow, rain, heat, freezing cold- the TC21 can handle it all. And the most vulnerable device component are fortified with the Gorilla Glass - the display and the scanner exit window.

All the wireless connections you could ever need

When it comes to wireless, the class-leading TC21 offers it all - WiFi, Bluetooth, GPS and NFC.

Zebra's most powerful 'ultimate series' platform

Simultaneously run the most demanding applications of today and tomorrow. And the TC21 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.

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 - the devices you buy today will run future OS generations.

Large 5-inch high definition advanced touchscreen

Get plenty of space to display and interact with your applications. The touchscreen is easy to view indoors and outside in bright sunlight. And workers can enter data using a bare finger or a light to medium weight glove.



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 and customize 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 devices secure every day they are in service - up to 6 years. 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 ideal for long or double shifts. And since the battery is removable, you never need to take the device out of service for charging.

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 to standard Android 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.

Take advantage of all TC21 data capture features with EMDK

The Zebra Enterprise Mobility Development Toolkit (EMDK) has everything you need to fully utilize data captured by any TC21 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.



TC21 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
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 Capacity 3100 mAh Enhanced Capacity 5400 mAh Charge in under 4 hours (10 hours = 1 shift)
Expansion Slot	One 128 GB micro SD slot
SIM	1 Nano SIM slot; optional eSIM (TC26 only)
Network Connections	1 USB 2.0 OTG - host/client; Type C connector
Notifications	Audible tone; multi-color LEDs; vibration
Keypad	On-screen keypad
Audio	Speaker - 1Watt (94dBa) Voice support (Internal speaker/microphone) Two (2) microphones
Buttons	Scan on each side; volume up/down; power; push-to-talk (PTT) keys

Performance Characteristics

CPU	Qualcomm Snapdragonm 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; 2 GB RAM/16 GB Flash memory (not available in all markets)
Security	Verified boot, secure boot

User Environment

Operating Temp.	14 F to 122°F 2/10 c to 50 c
Storage Temp.	-30°F to 158 F 1 - 30°C to 70 c
Humidity	5% -95% non condensing
Drop Spec.	4 ft/1.2 m drop to concrete per ML-STD 810G across operating temperature
Tumble Spec.	300 tumtles, 1.6 ft./0.5m
Sesling	IP67
Vibratian	4g peak; 5Hz to 2kHz; 1 hour duration per axis
Thamnal Shodk	-40 c to 70 c rapid transtion 10 cycles : (1 cycle = 1.25 hours at 40 C and 1.25 hours at 70)
Electrostatic Discharge(ESD)	+/-15 kN air discharge, +/-8 discharge; +/-8 kV indirect discharge

Interactive Sensor Texhnology (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 disaable display output and touch input
Scanning	SE4100 1D/2D imager SE4710 1D/2D imager
Camera	Rear camera 13 MP; optional front camera 5 MP
NFC	Integrated; High RF output power; MIFARE, ISO 14443 A&B , FeliCa , ISO 15693 and NFC Forum supported cards; read range up to 50 mm

GPS

GPS witr A-GPS: Glonass; BeiDou; Galileo

Wireless LAN

WLAN Radio	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k; 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 Mbp
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); WPA/WPA2 Enterprise (TKIP and AES) - EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPvO-MSCHAPv2, PEAPv1-EAP-GTC, LEAP and EAP-PWD Continued on page 4 ZEBRA TECHNOLOGIES



TC21 Specifications (Continued)

Wireless LAN (continued)

Certifications

Fast Roam 802.11a/b/g/n;WPA;WPA2
802.11r

Wireless PAN

Bluetooth Bluetooth 5.0 BLE

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

Mobility DNA® Professional Integrated Solutions

DataWedge
Device Diagnostics
EMDK
Enterprise Home Screen
Mx Extensions
StageNow

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: <https://zebra.com/mobilitydna>

Recommended Services

Protect your TC21 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 Service

