# TC21-HC/TC26-HC Mobile Computer

## The ultimate cost-effective mobile computer built for healthcare

Until today, providing non-clinical workers with a mobile device designed for healthcare has been cost-prohibitive, resulting in communication gaps that impact the quality of care and the patient experience. Introducing the WiFi TC21-HC and the WiFI/cellular TC26-HC mobile computers designed to connect your ancillary workers — from environmental services to facilities and materials management, patient transport, hospital food service and more. As part of Zebra's ultimate series, these small easy-to-carry devices are big on features. The latest in advanced mobile technologies provides superior future proofing — and the power to run all the applications you use today and tomorrow. The durable design and removable batteries deliver the dependable around-the-clock operation that is crucial in healthcare. The housing is specially built for constant disinfecting to prevent the spread of germs. Zebra's leading voice solutions turn these devices into a two-way radio and a mobile PBX handset. And Zebra-only Mobility DNA simplifies every aspect of the devices — from ease-of-use to integration, security and manageability.

### A new level of features at a cost-effective price point

**Connect all your healthcare workers, wherever they are**
The more staff members that are connected, the better patient safety and quality of patient care you can deliver. With WiFi and WiFi/cellular models, you can connect workers no matter where they are — inside your facility, in-between buildings on expansive campus-style facilities, out in the field or at home.

**Best-in-class disinfectant-ready design**
Chemical resistant healthcare plastics withstand regular cleaning with over 30 disinfectants. The housing is designed to minimize crevices where bacteria can hide. And a pre-installed plug prevents bacteria from hiding in the USB-C port.

**Plenty of display space for all your applications**
The large 5 inch advanced HD touchscreen is easy to see indoors and in bright sunlight. And capacitive multi-touch technology delivers instant familiarity — and even works with gloves.

**Around-the-clock durability**
Virtually waterproof, dustproof, drops, snow, rain, heat, freezing cold — the TC21-HC/TC26-HC can handle it all. And one of the most crucial yet vulnerable features is fortified with scratch-and-shatter-resistant Gorilla Glass — the display.

**Healthcare Alert button for rapid response**
In the event of an emergency, staff can call for help with a split-second press of this programmable key.

**Around-the-clock power with removable batteries**
Just swap in a fully-charged PowerPrecision battery for more than enough power to last beyond a full shift.[5]

android enterprise recommended

Wi Fi CERTIFIED

**Improve the quality of care throughout your healthcare organization with the TC21-HC/TC26-HC — the right size, right features and right price.**

For more information, contact us at sales@mai.hr

**The most advanced mobile operating system**
The latest version of Android provides better security, better device interactions and better audio. And built-in support for future Android versions provides superior future proofing.

**The power to run all your applications — today and tomorrow**
The advanced SD660 powerful processor delivers desktop-like performance on all your applications, including EHR apps from Cerner and Epic, voice, video and messaging solutions, medication administration, specimen tracking and many more.

## Everything your staff needs for unmatched collaboration

**Connect your staff with affordable walkie-talkie functionality**
Enable walkie-talkie style communications over the WiFi network quickly, easily and affordably with Zebra's optional Workforce Connect Push-to-Talk Express.[1] Or activate a low-cost subscription to enable instant PTT over WiFi and cellular with Workforce Connect PTT Pro[2], connecting everyone inside and outside your facility.

**Add fully-featured mobile PBX handset functionality**
With optional Workforce Connect Voice[3], your TC21-HC/TC26-HC devices can double as fully-featured PBX handsets to keep staff connected to co-workers and more. And the customizable interface can simplify even the most complex telephony features.

**Get more value with high resolution front and rear cameras**
The 13 MP rear camera is ideal for capturing documentation and more, while the front-facing 5 MP camera supports video calls.

**Capture every barcode, every time**
The high-resolution camera is perfect for occasional barcode capture. With Zebra's industry-leading decode algorithms, staff can capture even damaged, dirty and poorly printed barcodes. And the scanning functionality of the camera is activated by the scan keys on the sides of the device.

## Unparalleled value with complimentary Mobility DNA Professional tools

**Get a lifetime security guard for your Android devices**
LifeGuard™ for Android™ provides security updates that keep devices secure every day they are in service — up to 6 years.[4]

**Enter barcodes into your apps, right out of the box**
Scan and send barcode data into existing apps with DataWedge — no programming or application modification required.

**Elevate standard Android to enterprise class**
Mobility Extensions (Mx) offers over a hundred features to improve the security, data capture support, wireless connectivity and device manageability capabilities in standard Android.

**Stage your devices for use in seconds**
With StageNow, you can easily stage a handful or thousands of Android devices with a quick scan of a barcode or tap of an NFC tag.

**Control the features your workers can access**
Enterprise Home Screen allows you to choose which features and applications different workers can access.

**Take advantage of all the data capture features in your devices**
The Zebra Enterprise Mobility Development ToolKit (EMDK) has everything you need to fully utilize all the features in your devices.

**Improve device uptime with Device Diagnostics**
This simple-to-use tool tests the main systems on Zebra mobile computers with a 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 tools with the Mobility DNA Enterprise License

**Get unmatched voice quality, ease of use and manageability**
Additional powerful tools boost workforce productivity and make it even easier to secure and manage large deployments. Enable full duplex voice and superior voice quality over your WiFi network with Full Fusion. Maximize data entry simplicity and accuracy with Enterprise Keyboard and Multi-barcode Scanning. Identify and eliminate batteries that no longer hold a full charge with PowerPrecision Console. Easily track and find missing devices with Device Tracker. Workers and support staff can easily manage the Bluetooth peripherals connected to your devices with Device Central. And more.

**Simply superior WiFi**
When it comes to WiFi connectivity, Zebra devices are in a class of their own. Advanced features in the WiFi radio, its Full Fusion firmware and Mobility DNA's WorryFree WiFi work together to provide the constant, highly dependable WiFi connections that are critical in healthcare.

# Specifications

| Physical Characteristics | |
|---|---|
| **Dimensions** | 6.14 in. L x 3.11 in. W x .0.54 in. D<br>156 mm L x 79 mm W x 13.7 mm D |
| **Weight** | 8.43 oz./239 g |
| **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<br>Standard capacity 3400 mAh/13.09 Wh |
| **Expansion Slot** | One (1) 128 GB micro SD slot |
| **SIM** | 1 Nano SIM slot; optional eSIM (TC26-HC only) |
| **Network Connections** | TC21-HC: WLAN, WPAN, USB 2.0 hi-speed (host and client)<br>TC26-HC: 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<br>Voice support (Internal speaker/receiver and microphones) |
| **Buttons** | Scan on each side; volume up/down; power; push-to-talk (PTT) keys; HC Alert key |
| **Performance Characteristics** | |
| **CPU** | Qualcomm Snapdragon™ 660 octa-core, 1.8 GHz |
| **Operating System** | **TC21-HC:** Android 11; upgradeable to Android 14<br>**TC26-HC:** Android 11; upgradeable to Android 14 |
| **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 drops to vinyl tile over 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** | Barcode scanning available via camera; barcode decoding software included |
| **Camera** | Rear camera 13 MP; 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-HC only)** | • UMTS: B2/B4/B5<br>• LTE: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66<br>• 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.<br>Optional Workforce Connect Push-to-Talk (PTT) Pro Mobility DNA software application that provides instant PTT walkie-talkie style calls inside and outside the four walls via an easy-to-deploy subscription service.<br>Optional Workforce Connect Voice allows TC21-HC/TC26-HC devices to double as fully-functional PBX mobile handsets. |
| **GPS (TC26-HC 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 |
| **Data Rates** | 2.4 GHz: 802.11b/g/n — 20 MHz, 40 MHz — up to 150 Mbps<br>5 GHz: 802.11a/g/n/ac – 20 MHz, 40 MHz, 80 MHz – 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<br>Channel 36-165 (5180-5825 MHz): 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<br>Channel Bandwidth: 20, 40, 80 MHz<br>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); 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; WPA3 Enterprise 192-bit Mode (GCMP-256) — EAP-TLS; Enhanced Open (OWE) |
| **Certifications** | WFA (802.11n, WPA2-Personal, WPA3-Personal, WPA2-Enterprise, WPA3-Enterprise) |
| **Fast Roam** | PMKID caching; Cisco CCKM; 802.11r (Over-The-Air); OKC |

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## Ideal for non-clinical healthcare workers

- Patient transport
- Food services
- Environmental health services
- Facilities management
- Materials management
- Engineering and security

| 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

## 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 additional Mobility DNA offerings for the TC21-HC/TC26-HC, a Mobility DNA Enterprise license is required. For more information about Mobility DNA tools, please visit https://www.zebra.com/us/en/cpn/mobility-dna-kit.html.

## Warranty

Subject to the terms of Zebra's hardware warranty statement, the TC21-HC and TC26-HC 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

Zebra OneCare SV with Accidental Damage, offering true enterprise level support for Zebra value tier devices. You get two or three years of protection against failure, coverage for normal wear and tear, accidental damage repair coverage for the level you want to protect, 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. In addition, Zebra OneCare SV is available, with accidental coverage purchased separately. For more information on recommended services, please visit https://www.zebra.com/us/en/services/zebra-onecare-support-services.html.

Video on Device (VoD) is pre-loaded* and provides a secure and consistent way to enable your staff with on-device training. Deliver video content to your workers with the basic VoD app that puts the right content in the palm of their hands, including how to clean and sanitize the device, troubleshoot device issues and more.

## 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. Included with all Zebra OneCare Support Service agreements.
5. Based on typical user profiles.

For details related to Common Criteria support, please visit:
www.zebra.com/commoncriteria

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For more information, contact us at sales@mai.hr