

SPECIFICATIONS

ZEBRA TC22/TC27 MOBILE COMPUTERS



TC22: WI-FI ONLY

TC27: WI-FI + CELLULAR (4G LTE)



PHYSICAL CHARACTERISTICS

Dimensions:

6.5 in. (L) x 3.0 in. (W) x 0.49 in. (D)
165 mm (L) x 76.3 mm (W) x 12.5 mm (D)

Weight:

8.32 oz/236 g (TC22 3800mAh battery)
9.24 oz/262 g with 5200mAh battery

Display: 6.0 in. colour Full High Definition+ (1080 x 2160); LED backlight;

450 Nits; Corning™ Gorilla™ Glass

Imager Window: Corning™ Gorilla™ Glass**Touch Panel:**

Multimode capacitive touch with bare or light gloved fingertip input

Power:

User removable, rechargeable Li-Ion, PowerPrecision for real-time battery metrics; Standard Capacity: 3800 mAh/14.63Wh; Extended Capacity: 5200 mAh/20.02Wh; BLE battery: 3800 mAh/14.63Wh

Expansion Slot: User accessible MicroSD card supports up to 2 TB**SIM:** TC27 only: 1 Nano SIM and 1 eSIM (except China)**Network Connections:** TC22: WLAN, WPAN; TC27: WWAN, WLAN, WPAN**Notifications:** Audible tone; multi-colour LEDs; vibration**Keypad:** On-screen keypad**Audio:**

Two microphones with noise cancellation; dual speakers for loudness; Bluetooth wireless headset support; high quality speaker phone; PTT headset (Zebra USB-C) support; HD Voice, including Super-wideband (SWB), Wideband (WB) and Fullband (FB)

Buttons:

Dual dedicated scan buttons; programmable button for PTT or other use; volume up/down; power

Interface ports:

USB 3.1 (Bottom Type C)–Super Speed (host and client); 2-pin or 8-pin rear connector

PERFORMANCE CHARACTERISTICS

CPU: Qualcomm™ 5430 hex-core, 2.1 GHz**Operating System:** Android**Memory:**

6 GB RAM/64 GB UFS Flash;
8 GB RAM/128 GB UFS Flash

THE BOWE IQ SOFTWARE EFFECT

While BOWE IQ's mobile computers are available as a standalone product, they really come into their own when embedded into an intelligent BOWE IQ Cloud software ecosystem with all the necessary functions for asset tracking, inventory management, work-in-process, and/or workflow design. Its versatility also means that customers can start with a basic installation and easily scale upwards as needs evolve.

CONTACT US TO DISCUSS:

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USER ENVIRONMENT

Operating Temperature: 14°F to 122°F/-10°C to 50°C**Storage Temperature:** -40°F to 158°F/-40°C to 70°C**Humidity:** 5-95% non-condensing**Drop Specification:**

Multiple 5 ft./1.5 m drops to concrete over operating temp (-10° C to 50°C/14° F to 122° F) with protective boot per MIL-STD-810H
Multiple 4.5 ft./1.3 m drops to tile over concrete over operating temp (-10° C to 50° C/14° F to 122° F) per MIL-STD 810H

Tumble Specification:

500 tumbles, 1.6 ft./0.5 m; 500 tumbles, 3.3 ft./1.0 m with optional protective boot

Sealing:

IP68 and IP65, with battery per applicable IEC sealing specifications

Electrostatic Discharge:

+/-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

Magnetometer:

eCompass to detect direction

DATA CAPTURE

Scanning:

SE55 1D/2D Advanced Range Scan Engine with IntelliFocus™ technology;
SE4710 1D/2D Scan Engine

Camera: Rear camera 16 MP; front camera 5 MP**NFC:**

NFC ISO 14443 Type A and B; Mifare, Felica and ISO 15693 cards, NFC Forum tags 2,3,4,5; Host Card Emulation, Contactless Payment Support, VAS (Value Added Services) and Wallet support, Apple ECP1.0 and ECP2.0, Apple VAS and Google Smart Tap certified, VAS Library/SDK



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