

ZEBRA TC8300

The revolutionary enterprise touch computer
with the ultimate Android platform



The features of the TC8300 handheld are based on its predecessor, the TC8000: state-of-the-art technology, powerful scanner, the strongest battery in its class and the highest level of comfort through superior ergonomics. The new generation adds increased processing power and more memory to provide your employees with the lightning fast application performance they expect.

Bonus: The accessory for the TC8000 can also be used with the TC8300.



The extremely robust housing is ideally suited to meet the challenges of warehouse environments. The TC8300 is extremely shock-resistant and works reliably even after 2,000 consecutive impacts and several falls from 2.4 m height on concrete.

With the most powerful batteries in its class, the TC8300 can easily handle three shifts. In addition, the battery can be replaced within seconds and without turning off the device.

With industry-leading touchscreen technology, apps can be operated with finger, stylus and even gloves via multi-touch.

A powerful 8-core processor, plus up to eight times RAM and 32 times more Flash memory compared to the previous generation make the TC8300 a reliable powerhouse.

AT A GLANCE

- Outstanding productivity and maximum comfort through superior ergonomics
- Battery can be changed without switching off the device
- Android 8.1 Oreo
- Variety of scanner options
- Multi-touch display for operation with pen, finger and glove
- Highest robustness

ZEBRA TC8300

TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHT

- Dimensions: 233 mm (L) x 76 mm (W) x 64 mm (D)
- Weight: Standard: 490 g; Premium: 500 g

PROCESSOR AND MEMORY

- Qualcomm Snapdragon™ 660 octa-core 2.2 GHz
- Standard model: 4GB RAM/32 GB Flash pSLC, Premium model: 8 GB RAM/128 GB 3D TLC Flash
- Card slot for microSD cards (up to SDXC)

OPERATING SYSTEM

- Android 8.1 Oreo with zebra limited mode for control of GMS and other services

WIRELESS COMMUNICATION

WLAN/PAN Options

- IEEE 802.11a/b/g/n/ac/d/h/i/r/k/w; 2x2 MU-MIMO
- Verschlüsselungen: WEP, WPA – TKIP, WPA2- TKIP, WPA2-TKIP AES EAP TTLS, PAP, MSCHAP, MSCHAP v2, PEAPv0-MSCHAPv2, PEAPv1- EAP-GTC, EAP-TLS, EAP-FAST, LEAP
- Zertifizierungen: 8WFA (802.11n, WMM-PS, 802.11ac, PMF, WMM-AC, Voice Enterprise, WiFi Direct and WPS 2.0)
- Class 2, Bluetooth v5.0, Bluetooth Low Energy (BLE)

INTERFACE

- 800 x 480 pixels; 4.0 inches diagonal; transreflective LCD screen; 16.7 million (24-bit) color support; 400 NITS
- Multi-touch projects capacitive; Input by hand (with or without glove); conductive pen supported (sold separately); Corning® Gorilla® Glass

DATA CAPTURING OPTIONS

- SE965: 1D Standard Range Scan Engine
SE4750 SR or MR: standard or medium range omnidirectional 1D / 2D imaging engine
SE4850 ER: 1D / 2D extended-range imaging engine
SE4750 DP: Direct Part Marking (DPM) Imaging Engine (available in Q3 2019)

CAMERA

- 13MP rear autofocus, f / 2.4 aperture (optional)

ITEM NUMBER

23-83-01

VOICE AND AUDIO

- Two speakers, support of wireless Bluetooth headsets

POWER SUPPLY

- PowerPrecision + lithium-ion 7000 mAh with battery replacement during operation

APPLICATION AREA

- Operating temperature: -20 °C to 50 °C
- Storage temperature: -40 °C to 70 °C
- Relative humidity: 5 to 95%, non-condensing (condensation resistance optional)
- Drop: Multiple drops from 2.4m height on concrete floor at room temperature according to MIL-STD 810G, multiple drops from 1.8m height on concrete floor over the entire operating temperature range
- Drop resistance: 2,000 drops from a height of 1m
- Protection class: IP65

WARRANTY

Subject to the terms of the Zebra Hardware Warranty Statement, processing and material defects are warranted for a period of one (1) year from the date of shipment. The full warranty statement can be found at: <http://www.zebra.com/warranty>

ACCESSORIES

Versatile and flexible charging solutions for devices and batteries, Optional wall mount, USB and Ethernet optional, stacker mount, various holsters, audio solutions and more from Zebra. For a complete list of all accessories and peripherals, see www.zebra.com/tc8300.

Additional transponder integration for locating through TIS.