ZEBRA

Rugged mobile computer TC53 - 2D Imager (SE4720), BT, WI-Fi, NFC, 4GB/64GB, camera, Android, GMS

Introducing the TC53 and TC58, the first members of a new generation of Zebra mobile computers designed to do more. New hardware redefines mobile computing performance. New solutions and sensor technologies redefine the world of possibilities. The latest wireless technologies give workers faster and more reliable access to information they need to get the job done. A class- leading 6-inch screen lets workers see more, do more - and scroll less. Zebra-only Mobility DNATM tools deliver built-in advantage, maximizing user productivity while minimizing IT complexities throughout the entire device lifecycle. New manufacturing technologies make the TC53 and TC58 lighter - yet even more rugged.

The TC53/TC58 - driving new possibilities into the world of mobility. A new generation of data collection. A new level of operational efficiency. And a new level of workforce productivity.

The Zebra mobile computers TC53/TC58 delight retail employees with an Android operating system with support through Android 14 and high-quality wireless technologies (Wi-Fi 6E and 5G). Thanks to their 6" full HD touch display with 600 nits and Gorilla Glass 5, they are easy to operate. Also, they offer comprehensive software technologies: Edge-to-edge ensures enhanced information flow with less scrolling. Zebra Dimensioning Certified Mobile Parcel uses an integrated time-of-flight sensor to capture the precise measurements of a package in seconds with the touch of just one button.

The functionality range of the software for the TC53/TC58 is complemented by powerful hardware: A Qualcomm 6490 octa-core processor, up to 8 GB RAM and 128 GB flash, as well as a 2 TB microSD card slot ensure fast processing performance. The long operational time is secured by a 4,400 mAh PowerPrecision+ battery or an optional 6,600 mAh battery. Plus, the mobile computers scan nearly all 1D/2D barcodes independent of the distance with the SE4720 scan module for standard scanning distances, or with the SE55 for extended ranges. For even more performance the TC53/TC58 rely on the tools of Zebra Mobility DNA as well as a comprehensive selection of accessories.

Key features:

- Blazing speed - the next-generation Qualcomm 6490 octa-core processor

- All the latest wireless connections
- Industry-leading 6-inch advanced display
- Lighter, thinner and tougher design
- Capture ultra-high resolution photos and video intelligence
- Time of Flight sensor to collect accurate 'legal for trade' parcel dimensions - selected models
- Make device management simple and easy with Zebra Enterprise Tools

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Technical Description

Functionality & Operation

Wireless communication	Bluetooth®, NFC, WiFi
Expansion slot	MicroSD up to 2 TB
Audio	Three microphones with noise cancellation, Bluetooth wireless headset support, PTT headset (3.5 mm and ZebraUSB-C) support, 3,5mm audio jack, HD voice
WPAN Features	Class 2, Bluetooth v5.2; secondary Bluetooth LowEnergy (BLE) for beaconing within BLE battery
Touch-screen panel	capacitive multi-touch with bare or gloved fingertip or stylus, water droplet rejection
Indicators	Audible tone, multi-color LEDs, haptic feedback
Operating system	Android
Operation interface	ON/OFF, volume up and down keys programmable buttons, dual dedicated scan buttons
Memory	4GB RAM, 64GB UFS Flash
CPU Type	Qualcomm 6490 octa-core, 2.7 GHz
Display type	6" Full High Definition; 2160x1080px; LED back-light; 600 NITS; Corning Gorilla Glass 5
WLAN Features	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax; 2x2MU-MIMO; Wi-Fi™ 6E (801.11ax); Wi-Fi certified; Wi-Fi™ 6E Certified; Dual Band Simultaneous;IPv4, IPv6
Communication interface	USB 2.0 (Back I/O - Host Only), USB 3.0 (BottomType C) - Super Speed (Host and Client)
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes

Optical

Bar code scanner	2D Imager SE4720
Camera	16 MPix autofocus, flash LED, HDR, 8 MPix front camera
Sensors	light sensor, e-compass, accelerometer, proximity sensor, gyroscope , pressure sensor

Electrical

Main battery pack	4400 mAh PowerPrecision+, Warm Swap

Mechanical

Dimensions	Width: 77.35mm, Height: 16.75mm Length: 164.8mm
Weight	293g

Environment

Electrical static discharge	±15kV air, ±8kV contact
Shock resistance	1000 tumbles at 50 cm, multiply drops from 1,8 m onto concrete surface