TC52x Rugged Touch-Computer 2D, Android, WIFI, GSM, NFC

When you choose the Zebra TC52x/TC57x, you get our best-selling TC52/TC57 rugged handheld mobile computer — and more. More advanced Zebra-only features that put the user experience in a class of its own to boost ease-of-use and productivity to new heights. More support for the latest mobile innovations, paving the way for new applications such as payment solutions that deliver more value — and superior future proofing. More Mobility DNA tools that make device management, device integration, application development and the user interface easier than ever. And backward compatibility with TC52/TC57 accessories for a cost-effective upgrade. All in the first device in its class to offer the power of Android 10 — with security updates to protect your device every day it is in service.

Whether in the office or on the road, today's workers want a device that is every bit as contemporary and easy to use as the smartphone they use every day with anywhere connectivity. Your business needs a rugged device that will last for years, with all the features you need to enable your workers to achieve peak productivity in the field and keep your data secure. Designed for the new business world, the TC52x/57x industrial design looks and feels like the most popular pocketable consumer-style smartphones to meet worker expectations, along with the enterprise-class features, power, LTE cellular connectivity - TC57x-, security and manageability business requires. With unique Zebra-only features, TC52x/57x is a touch computer that is truly in a class of its own. The TC52x/57x — the next evolution in enterprise touch computing.

Key features:

- The fastest, most dependable wireless connections
- Unmatched processing power to do it all with power efficiencies
- Maximum display size with advanced technology for graphics-intensive intuitive applications
- Ultimate scanning performance of 1D / 2D barcodes - even if they are damaged, dirty and poorly printed
- 13MP camera for ultra-high resolution photos
- Mobility DNA, a suite of mobility enabling applications, development tools and utilities
- With Warm Swap mode, it lets users change the battery without having to power down the device or close open apps

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Technical Description

Functionality & Operation

Wireless communication	WiFi, NFC, Bluetooth®
Expansion slot	MicroSD 256 GB SDXC
Indicators	Multi-color LEDs, audible tone, vibration
Communication interface	USB
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes
Memory	4GB RAM, 32 GB UFS Flash
CPU Type	Qualcomm Snapdragon™ 660 octa-core, 2.45 GHz
Display type	5" Full HD Corning Gorilla Glass 192 x 1080, LED backlight
Operating system	Android
Audio	Three microphones with noise cancellation; vibrate alert; Front facing speaker; Bluetooth headset support; PTT headset support;
Touch-screen panel	capacitive multi-touch , stylus, fingertip (bare or gloved) input

Optical

Sensors	light sensor, proximity sensor, e-compass, magnetometer
Bar code scanner	2D Imager
Camera	13 MPix, with Autofocus , front 5 MP

Electrical

Main battery pack	Rechargeable Li-Ion, PowerPrecision+, > 15.48 Watt hours, > 4150 mAh, improved battery metrics for better battery management, fast charging (up to 2.4 A), Warm Swap 120sec

Mechanical

Dimensions	Width: 75.5mm, Height: 18.6mm Length: 155mm
Weight	249g

Environment

Storage humidity (non-condensing)	5 to 95%
Electrical static discharge	±15kV air, ±8kV contact
Ingress protection	IP65, IP68
Operating temperature	-20 to 50°C
Storage temperature	-40 to 70°C