

Rugged mobile computer TC72 - 2D Imager (SE4750), BT, Wi-Fi, NFC, 4GB/32GB, camera, Android, GMS

At the edge of your business are your front line workers that spend their days face-to-face serving the important asset in your company - your customers. Now, there's a device designed to take customer service to the next level by delivering everything your workers need to achieve peak efficiency, with trouble-free reliability - the TC72 and TC77 Android Touch Computers. This family builds on the highly successful TC7 Series family to create the ultimate ultra-rugged all-touch computer for all workers inside and outside the four walls - a smartphone experience for maximum simplicity, construction designed to withstand years of the toughest everyday use and abuse, and a new platform offering more capabilities than any other device in this class. The TC72 and TC77 - for a real competitive edge at the edge of your business, delivered.

With the TC72/TC77, Zebra presents mobile touch computers that are ideally adapted to meet the needs of your transport and logistics customers. Both handheld terminals feature a 4.7" capacitive HD touch screen with scratch-resistant Corning Gorilla Glass and an impressive battery life of 15 hours.



With the pre-installed DNA application »SimulScan«, Zebra makes it easier for your customers to scan and capture data. With just one click you capture electronic or printed 1D and 2D barcodes, Digimarc codes, document contents and signatures.

For outstanding performance the TC72/TC77 rely on Android, together with a Qualcomm octa-core processor with 2.2 GHz, 4 GB RAM and 32 GB memory (via SDXC it is expandable to 256 GB). Thanks to Bluetooth 5.0, both mobile touch computers are now twice as fast when exchanging data - and that within a radius of 240 m.

WLAN technology with 2x2 MU-MIMO allows your customers to communicate with multiple devices simultaneously. Integrated, highly sensitive high-volume speakers filter out disturbing background noise - so both parties always understand everything clearly.

The TC72/TC77 are also capable of more - for example, like consumer smartphones. The rear camera (13 MP) snaps high-resolution photos and films 4K videos – ideal for documenting the condition of a product and sharing it with others. Thanks to VLC (Visible Light Communication), the 5 MP front camera provides a better, more detailed picture during the next video call.

Both mobile touch computers may be integrated into existing systems and are backwards compatible with accessories. Zebra provides longer life support for the upcoming Android versions P and Q – as well as 8 to 10+ years support for security updates.

The TC77 also features an atmospheric pressure sensor, LTE, GPS, USB 2.0 high speed and dual NanoSim.



Technical Description

Functionality & Operation

Wireless communication	NFC, WiFi, Bluetooth®
Expansion slot	Micro SD Card (SDHC) 32GB, SDXC 256 GB
Touch-screen panel	Dual mode capacitive touch with stylus, finger or gloved fingertip input (conductive stylus sold separately); Screen Protector and Rain modes; Corning Gorilla Glass
Indicators	Multicolor LEDs , audible tone, vibration
Operating system	Android
Operation interface	On-screen keypad, Enterprise Keyboard
CPU Type	Qualcomm Snapdragon™ 660 octa-core, 2.2 GHz
Display type	4,7" HD, 1280x720px, Corning Gorilla Glass
WLAN Features	EEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w; Wi-Fi™certified; IPv4, IPv6, 2x2 MU-MIMO
WPAN Features	Class 2, Bluetooth v5.0, Bluetooth Low Energy (BLE)
Audio	Three microphone support with noise cancellation; vibrate alert; speaker; Bluetooth wireless headsetsupport, high quality speaker phone; PTT headsetsupport; cellular circuit switch voice; HD Voice
Memory	4GB RAM, 32GB Flash

Optical

Bar code scanner	2D Imager
Sensors	light sensor, e-compass, accelerometer, gyroscope
Camera	Front 5MP fixed focus, Rear 13 MP autofocus; f/2.4 aperture; flash LED generates balanced whitelight; supports Torch mode; 4K video with imagestabilization, Camera supports barcode scanning

Electrical

Main battery pack	Li-Ion 3.7 V, 4620 mAh PowerPrecision
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Mechanical

Dimensions	Width: 84mm, Height: 28mm Length: 161mm
Weight	376g

Environment

Electrical static discharge	±15kV air, ±8kV contact
Shock resistance	2000 tumbles at 1 m, multiply drops from 1,8 m onto concrete surface , multiple 2,4m drop to concrete at room temperature
Operating temperature	-20 to 50°C
Operating humidity (non-condensing)	5 to 95%

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