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BARCODE TECHNOLOGIES
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DT610

RFID Mobile Computer

Built-in Short-range UHF RFID

Delivering an RFID reading rate of 50+ tags/sec and a range of 1.2 meters—enabling high-volume, efficient, and accurate performance to power smart retail with one device in hand.

Smartphone-Style Design, Enterprise-Class Performance

Weighs just 222g and under 13mm in thickness. Featuring a 6-inch FHD+ display, it offers comfortable one-handed operation and easily fits in your pocket,perfect for on-the-go convenience.

Enabling Seamless Mobile Operations

With in-display NFC, the DT610 supports tap-to-pay transactions including Apple Pay, helping eliminate checkout queues and enhancing customer service efficiency.

Expandable Long Distance RFID

The DT610 pairs with the RFG91 RFID sled to extend reading distance > 15m, making it ideal for mass inventory management.

Ultra-fast and Reliable Data Transmission

Supports 5G, Wi-Fi 7 with 2x2 MU-MIMO, and Bluetooth 6.0 for fast, providing fast connectivity anytime, anywhere.Octa-core 2.0GHz/2.9GHz processor with Android 15 delivers fast and efficient performance for the task at hand. It also supports future upgrades to Android 19, ensuring long-term device longevity.

Flexible Battery Options with Hot-Swap Technology

Equipped with two battery versions:4000mAh (standard) and 6000mAh (Premiun) . The DT610 supports hot-swap , allowing uninterrupted operation during battery replacement.

DT610 RFID Enterprise Mobile Computer

Specifications

Processor
Qualcomm Octa-core
2.0GHz/2.9GHz

O.S.
Android 15,
upgradable to Android 19
GMS and AER certified

Memory
RAM: 8GB ROM: 128GB
RAM: 12GB ROM: 256GB (optional)
Micro SD Card, Up to 2 TB

Display
6.0 inch display,
1080*2160

Touch Screen
Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers

Dimensions
165 mm L x 76.2 mm W x 12.9 mm D
Weight: 222g (with standard battery)

Scanning
Professional scan engine
Support international standard 1D/2D barcode;
Support barcode displayed on screen

Camera
Front: 8MP FF,
Rear: 16MP PDAF
Support Flash

Sensors
Light + Accelerator+ Proximity + Geomagnetic + Gyro

Audio
2 microphones，1 for noise cancellation；1 speaker；receiver

Battery
Standard: 4000 mAh
Extended: 6000 mAh (Optional)
Support Hot-swappable

Buttons
power button
Vol +/- button
Scan button*2
Programmable Button*1

Slots
Nano- SIM x 2,
Micro SD x 1
(Reserved support eSIM)

Positioning
GPS、A-GPS
BEIDOU、GLONASS
Galileo、QZSS

Protection
IP67 dustproof and waterproof
1.5m drop resistance

Communication
5G/4G/3G/2G
Bluetooth: BT 6.0 + BR/EDR + BLE
Wi-Fi: Wi-Fi 7，2.4Ghz/5Ghz/6Ghz
2x2 MU-MIMO
IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/ax/be
Roaming：802.11r(Over-the-Air); OKC，
Configurable Wi-Fi roaming thresholds

Environmental
Operating Temp.: -20 ~ +60℃
Storage Temp.: -40 ~ +70℃
Humidity: 5%RH ~ 95%RH(No condensation)
ESD: +/-15kv Air; +/-8kv contact

UHF RFID
Protocol:
EPC C1 GEN2/ISO18000-6C
Frequency:
902-928MHz/865-868MHz
Reading Range:1.2m
Reading speed: 50 tags/sec

NFC
Support ISO 14443 Type A and B; Sony FeliCa and ISO 15693 cards;
Card Emulation via Host;
ECP1.0 and ECP2.0 polling support;; MIFARE 1K/4K, MIFARE DESFire, ISO/IEC 18092 (Type F)

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