



RFO TT3000 Smart Handheld RFID Reader

DATA SHEET

Product Description

Main Features

The RFO-TT3000 Android Mobile Computer

Industrial and Humanized Hardware Design

Industrial&humanized keypad design andtough 5.5 inch touch screen together with high resolution of 720*1440 display shall match high standards in logistics, express and retail.

Octa-Core Processor&Large Memory

Android 13 OS with memory of 3GB RAM /32GB ROM or 4GB RAM/64GB ROM shallprovide the highly standard experience.

Superior Data Communication and Security Guarantee

Double insurance of 4G &WIFI network and highly secured Android 13.0 system shall provide the high speed data communication and perfect security guarantee;

Product pictures



Article no:	Standard	RFO TT3000
Typical Applications		
<ul style="list-style-type: none"> •Manufacturing •Security •Waste management •Logistics 	<ul style="list-style-type: none"> •Health Care •Asset management •Food •Transportation 	<ul style="list-style-type: none"> •Service Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation

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Technical Specifications		RFO TT3000
Physical Characteristics		
Dimensions	171mm(H)x81mm(W)x20.4mm(D)±2 mm (without the pistol grip and UHF shield)	
Weight	650 g	
Display	Tough 5.5 in. TFT-LCD(720x1440) touch screen with backlight	
Touchpanel	Corning Gorilla Glass 3rd generation Multi-touch capacitive screen	
Expansion Slot	2 PSAM, 2 SIM, 1 TF	
Communication	1x Type-C	
Backlight	LED backlight	
Keypad	Scan key, Number key	
GPS	GPS(embedded A-GPS), accuracy of 5 m	
Camera (Option)	Front: 5MP fixed focus Rear: 13 MP Autofocus; flash LED	
BATTERY CHARACTERISTICS		
Capacity	Rechargeable li-ion polymer, 3.8V,7200mAh	
Standby time	360hrs if wireless communication are closed	
Charging time	<5hrs (support quick charge)	
Working time	14+ hrs (full of charge)	
PERFORMANCE CHARACTERISTICS		
CPU	Cortex A73 2.0 GHz octa-core	
Memory	3GB RAM/32GB ROM or 4GB RAM/64GB ROM, MicroSD(max 256GB expansion)	
Operating System	Android 13.0	
TELECOMMUNICATION		
Radio Frequency Band	TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 5,7,8,12, 17, 20;WCDMA (850/1900/2100MHz);GSM/GPRS/Edge (850/900/1800/1900MHz);	
Data Rates	2.4GHz/5.0GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac	
Bluetooth	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.2	
User Environment		
Operating Temp. / Storage Temp.	-20°C~50°C / -20°C~70°C	
Humidity	Humidity 5%~95% RH (non-condensing)	
Sealing	IP65	
Drop Test	Multiple 5 ft./1.5 m drops to concrete over the entire operating temperature range	
Data Capture		
Imager	2D CMOS Imager	
2D laser engine	Honeywell N6703 2D Scan Engine/ Newland NLS-CM60/Newland NLS-N1 PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.	



RFID (Option)	
UHF	
Working Freq.	915MHz, 865MHz - (865-868MHz or 902-928MHz)
Standards Supported	EPC Class 1 Gen2; EPC Gen2 V2; ISO-18000-6C
Read Range	Up to 18m (Own-designed UHF modules option)
RFID Power Output	0 dBm to +33 dBm
RFID Antenna Type	Integrated Circular Polarized (4dbi)
HF	
Working Freq.	13.56 MHz
Standards Supported	ISO15693, ISO14443
Read Range	0 - 7 cm
NFC	
Working freq	13.56 MHz
Protocol	ISO14443A/B ISO15693, NFC-IP1, NFC-IP2 etc.
Tag supported	M1card (S50, S70), CPU card, NFC tags etc.
Read/Write range	2 - 5cm
PSAM	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200
Slot	2 slots(maximum)
Accessories	
Standard	1xPower Supply; 1xLithium Polymer Battery; 1x Type-c charging cable
Option	Charging Cradle

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