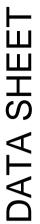# RADIOFORCE

RFO TT620

Smart Handheld
RFID Reader

Product Description

Main Features
The RFO-TT620 Handheld are embedded with Android 10.0, as pioneed in this industry. GMS certificated shall product high-standard security level togethter with ulitmate experience.

Industrial and Humanized Hardware Design
Industrial&humanized keypad design and tough 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 10.0 OS with memory of 2GB RAM/16GB ROM or 4GB RAM/64GB ROM shall provide the highly standard experience

Superior Data Communication and Security Guarantee
Double insurance of 4G &WIFI network and highly secured Android 10.0 system shall provide the high speed data communication and perfect security guarantee

Product pictures

Article no:	Standard	RFO TT620

Typical Applications

•Manufacturing	•Health Care	•Service Maintenance & Diagnostics
•Security	•Asset management	•Automotive
•Waste management	•Food	•Retail & POS
•Logistics	•Transportation	•Home Automation

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Technical Specifications	**RFO TT620**
Physical Charateristics	
Dimensions	166 x 79 x 27 ±2 mm
Weight	430 g
Display	Tough 5.5 in. TFT-LCD(720x1440)touch screen with backlight
Expansion Slot	1x Sim 1x TF 1x PSAM
Communication	1x Type-C
Backlight	LED backlight
GPS	GPS(embedded A-GPS), Beidou,accuracy of 5 m
Camera (Option)	Rear 13 megapixel, front 5.0 megapixel Autofocus with LED flash
BATTERY CHARACTERISTICS	
Capacity	Rechargeable li-ion polymer, 3.8V, 4800mAh
PERFORMANCE CHARACTERISTICS	
CPU	Cortex A73 2.0GHz octa-core
Memory	RAM：2GB ROM：16GB（Standard) RAM：4GB ROM：64GB（Optional)
Operating System	Android 10.0
Extended memory	Micro T card, up to 256GB
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℃～50℃ / -20℃～70℃
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	
1D laser engine	Honeywell N431 X Symbologies: All major 1D Barcodes
2D laser engine	Zebra SE4710/ Newland NLS-CM60 etc. (PDF417,MicroPDF417,Composite,RSS,TLC-39,Datamatrix,QRcode, MicroQRcode,Aztec,MaxiCode,PostalCodes, USPostNet, USPlanet,UKPostal,AustralianPostal,JapanPostal,DutchPostal etc.

RFID (Option)	
UHF	
Working Freq.	865~868MHz or 920~925MHz
Standards Supported	EPC C1 GEN2/ISO 18000-6C
Read Range	4 m(tags and environment dependent)
Antenna Gain	Circular antenna(2dBi)
HF/NFC	
Working Freq.	13.56 MHz
Standards Supported	ISO15693, ISO14443
Read/Write Range	5 - 10 cm
LF	
Working Freq.	125KHz/134.2KHz(FDX-B/HDX)
Protocol	ISO 11784&11785
Read/Write Range	2cm to 10 cm
PSAM Security (Optional)	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200
Slot	2 slots(maximum)
FINGERPRINT READER(OPTIONAL)	
Sensor	TCS1xx/FBI
Sensor type	Capacitive, area sensor
Resolution	500 DPI
Performance	FRR<0.008%, FAR<0.005%
Capacity	1000
Accessories	
Standard	1xPower Supply; 1xLithium Polymer Battery; 1x Type-c charging cable
Option	Charging Dock, Carrying Case
DEVELOPMENT ENVIRONMENT	
SDK	Handheld-Wireless Software Development Kit
Language	Java
Environment	Android Studio or Eclipse