



10.1 (1200x1920) 10-point touch with Intel skylake  
m3-6Y30, 8GB RAM, 256GB SSD,  
WiFi/BT/GPS/LTE/Camera/LAN, Linux

**MODEL: RRDW1010-V1**

## FEATURES

- Support Windows 10 ;
- Support USB2.0 type A connector ;
- Support Battery Single Charger Docking;
- Support GPS navigation;
- Support 1D/2D barcode scanner ;
- Support Finger Identification ;
- Rugged IP65 protection level ;
- Support 5000mAh pluggable battery ;
- Support UART port, RJ45 port and customized port;
- Support Wrist Strap and back jacket ;

Type	Details	Standard Configuration	Optional
Product Form	Type	Rugged Tablet	NA
	Dimension	280*187*22mm	NA
	Weight	Device unit: 1014g Unit with giftbox and standard accessories:1990g Docking : 290g, 5000mAh battery : 250g	NA
	Device Color	Black (Front and Rear Panel: Black, Decorate Board:Black)	Black+Silver (front and rear Panel: black, Decorate board:Silver)
LCD	Screen Size	10.1 inch 16:10	NA
	Resolution	1200×RGB (3)×1920	NA
	Brightness	300 cd/m2	Optional SLR Sunlight visible film
TP	Touch Panel	10 points Capacitive, G+G, Rigidity: above 7H-Anti-scratch, TP thickness : 1.1mm, COF	Optional SLR Sunlight visible film
Camera	Front	Front:2.0MP with charging indicator light	NA
	Rear	Rear: 8.0MP USB Camera	NA
Speaker	Built-in	Embedded 8Ω/0.8W waterproof speaker x 1	NA
Mic		Sensitivity:-42db, Output resistance:2.2kΩ	NA
Battery	Type	Lithium-ion polymer battery , pluggable, dimension: 121.8*92.3*9.5mm	Standard:1pcs, optional: 2pcs
	Capacity	7.4V/5000mAh	NA
	Endurance	6hrs(default 50% volumn, default200nit, play 1080P HD video)	NA

### System Hardware Configuration

Type	Details	Description	
CPU	Type	Intel@kabylake Core™ m3-7Y30	NA
	Speed	4M Cache, 2.60 GHz	NA
GPU	Type	Intel@ HD Graphics 515	NA
RAM	DDR3L	4GB	8GB
SSD	NGFF SSD	64GB	128G
E-compass sensor	Built-in	E-compass sensor	NA
Gyroscope	Built-in	Gyroscope	NA
G_sensor	Built-in	Gravity acceleration sensor	NA

### Network Connections

Type	Details	Description	
WIFI	WIFI Module	WIFI 802.11(a/b/g/n/ac) Frequency 2.4G+5.8G Dual band WIFI	NA
Bluetooth	Built-in	BT4.2 (BLE) class 1 Transmission Distance : 10m	NA
3G	Built-in	FIBOCOM_H380-GL (M.2)Band: GSM/GPRS/EDGE Band(850&900&1800&1900 MHz), WCDMA Band(850&900&1900&2100MHz) , HSDPA 21Mbps, HSUPA 5.76 Mbps	NA
4G	Built-in	NA	ME936 LTE M.2 LTE: B1/B2/B3/B4/B5/B7/B8/B13/B17/B20 WCDMA/HSDPA/HSUPA/HSPA+ :850MHZ/900MHZ/1700 MHZ(AWS)/1900MHZ/2100MHZ GPRS/EDGE:850MHZ/900MHZ/1800MHZ/1900MHZ GPS/GLONASS:L1
GPS	Built-in	U-blox NEO- 7,Support:GLONASS,QZSS,GPS; Capture sensitivity:-160 dBm ; Cool Start Time : <30 second, Hot start time : <28 second, Frequency : 0.25 Hz ... 10 MHz (configurable)	Keyboard can be optioned with the GPS module, which is used to connect the GPS antenna to the vehicle.

### Data Collection

Type	Details	Description	
Fingerprint	Optional	NA	070-Hello (FPC1020 sensor, capacitive press type) FPC1020(sensor, Compression type of capacitance) Fingerprint acquisition area : 10mm x10mm Resolution : 192x192pixel/508DPI
1D Barcode scanner	Optional	NA	MOTO SE655E100R Optical Position:5mil Scan speed: 50/s Symbol System:UPC/EAN, Bookland EAN ,UCC Coupon Code,ISSN EAN,Code 128,GS1-128,ISBT 128,Code 39,Trioptic Code 39 ,Code 32,Code 93 ,Code 11
2D Barcode Scanner	Optional	NA	Honeywell N3680 Hardware decoder Optical Position:5mil Scan speed:50/s Symbol System:PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode,QR Code, MicroQR, QR Inverse,Aztec,Aztec Inverses,Han Xin,Han Xin Inverse

### Interface Configuration

Type	Details	Descriptions	
TF Slot	Extensive External Memory	Support TF x1 max : 128G	NA
SIM Slot	SIM Slot	SIM x1	NA
Micr usb	USB2.0	USB 2.0*1	NA
type A usb	USB3.0	USB3.0*1	NA
DC Jack	Power	DC 12V 4A $\phi$ 4.0mm Power connector x1	NA
Earphone Jack	Audio Output	$\phi$ 3.5mm Standard Earphone Jack x1	NA
HDMI Jack	Audio&Video Output	HDMI 1.4a Type C x1	NA
Extensive Slot	Pogo Pin	12pin Pogo Pin x1	NA
DB9 PORT	UART Serial port	*1 (RS232) TTL Electrical Level	NA
RJ45 PORT	Internet port	*1(10/100/1000M Self-adaption)	NA
Air outlet	Air outlet	NA	*1 ( Build in small board for customer customized ) Motherboard reserved standard USB2.0 interface. TLU1HPO2H0709J-50( Tong Mao Plug) LU1HR04H0709K( Tong Mao Plug)

Standard Accessories			
Type	Details	Descriptions	
OTG Cable	OTG Cable	USB OTG to MICRO USB cable, length:45mm	NA
USB Cable	USB Cable	USB to micro 5P L=1.2M 4 core aluminum foil shield cable	NA
Power Adaptor	Standard	AC100V ~ 240V、 50Hz/60Hz output DC 12V/4A CE approval	USA Standard
			UK Standard
			EU Standard
Software Configuration			
Type	Details	Descriptions	
Operation System	OS version	windows 10 Home 32bit Default language : English	windows 10 Home 32bit
			Windows 10 Pro 32bit /64bit
			Windows 10 IOT 32bit /64bit
Product Certificate			
Type	Details	Descriptions	
Certificate System	IP65	IP65 Report : Water Resistance : IP-X5, Dust Resistance : P-6X Report ID no. : SET2015-07677 a.Inner Nozzle Diameter : 6.3mm ; b. Water Speed : 12.5±0.625L/min ; c. Water Pressure : Adjust according to water volumn ; d.Central part of water volumn : A round with a diameter of about 40mm at the distance from the nozzle 2.5m. e.Spray time in surface of panele: About 1 min/Square meter ; f.Test time : at least 3min ; g.Distance between nozzle and panel surface : 2.5~3m。 After test, there is no water leakage in sample.	NA
	CE-NB	YES	NA
	MIL-STD-810G	YES	NA
	CCC	YES	NA
	Battery	UN3803, MSDS,IEC62133,Aviation, Ocean shipping reports	NA
Reliability			
Type	Details	Descriptions	
Product Reliability	Drop Height	100cm composite wood floors, in operation status	
	Operate Temperature	-10 °C to 50 °C	
	Store Temperature	-30 °C to 70 °C	
	Humidity	Humidity: 95% Non-Condensing	

Battery Single Charger Docking



Car holder



Straps



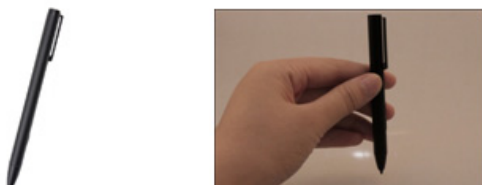
Shoulder straps



Car charger



Handwritten pen



Adaptor			
US standard adaptor	Europe standard adaptor		
			
Straps			
			
Battery			
			