

TABLET 310 GNSS SURVEYING



10"



Rugged Tablet for Measuring and Surveying
connecting to Telescopic GNSS receiver Pole.



Android OS
Display 10" Multi-Touch
Sunlight Readable
Big Memory Capacity
Wireless, Bluetooth & Cellular Network
Cradle holder fixing to telescopic pole

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Model	RTA 310 GNSS Surveying	
Operating System	Android 11	support Google play store and services
Computing Platform	MediaTek MT8788	8 Cores, up to 2.00GHz
System Memory	6GB	8GB ***
Storage	128GB	256GB ***
Graphic	ARM Mali-G72	
Display	10.1 inch	High brightness 1000nits, Sunlight readable
Resolution	1920 x 1200	2K resolution display, 16:10
		Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
Ethernet	Fast Ethernet 100Mbit/s	
Bluetooth	Bluetooth 4.2 wireless technology	Class 2
Wireless	IEEE 802.11a/b/g/n/ac compatible	2.4GHz and 5.0GHz, Dual Band support
Cellular network	4G LTE	Voice and data
Location *	Built-in High Precision GNSS	Multi-Constellation, centimetre precision
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker and Headphone	
Camera	5MP front, 13MP rear	Flash and Auto focus rear camera
Keyboard	Power button, Volume control	
Interfaces	USB port	x2 Type-A and Type-C
	RJ45 ethernet port	x1
	DB9 serial RS-232	x1
	SIM Card Slot	x1
	SD Memory Card Slot	x1
	Headphone	x1 Line Out 3.5mm
	Charging - DC In power	x1 by Jack
	Docking connector	x1
	Built-in rechargeable lithium-ion battery	12000mAh, ample power for a full shift
		End-user replaceable battery
Power	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
	Fanless design - No fan. No noise.	
Cooling System	Cradle holder fixing to telescopic pole; offering tilt and swivel adjustments; removable tablet.	
Mounting		
Dimensions	Width 275mm, Height 178mm, Depth 18mm	
Weight	approx.900g	
Environment **	Operating Temperature	-20 °C to 60 °C
	High & Low, Shock Temperature	in accordance with MIL-STD-810G
	Humidity	0% to 90% relative humidity, non-condensing
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Drop Resistance	1.22m
	Solar Radiation, Altitude, Vibration and Shock	in accordance with MIL-STD-810G
	CE, FCC, MIL-STD-810G, WEEE, RoHS	
Regulatory	RTA 310-GTP, 6GB RAM, 128GB SSD, OS Android	
Ordering Code	Cradle and Pole Holder, Rubber-tipped Pen, Carry Handle, Power Adapter,	
Included in the box	Quick User Guide, Warranty document.	
Accessories *	Tempered Glass hardness 9H for anti-shock and anti-scratch, Spare Battery.	
Services *	Extended warranty, Battery protection, Accidental damage cover, Fast swapping.	

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* Optional

** Tested by an independent third-party lab following CE, MIL-STD-810G and IEC 60529.

*** Non-Standard Part, assembly by request. A minimum order quantity (MOQ) is required.

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