

# RUGGED TABLET RTA 310



10"



The first and the best-known Tablet PC by Ruggtek upgrading to the last Android operating system.



Android 11  
CPU 8-Core  
Display 10.1 inch 1920 x 1200  
up to 6GB Ram, 128GB Storage  
Docking and Vehicle Cradle  
WiFi, Bluetooth, 4G LTE

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Model	RTA 310	
Operating System	Android 11	support Google play service
Computing Platform	MediaTek MT6771	8 Cores, up to 2.00GHz
System Memory	4GB	6GB *
Storage	64GB SSD	128GB SSD *
Graphic	ARM Mali-G72	
Display	10.1 inch	IPS technology, 500nits, Sunshine readable
Resolution	1920 x 1200	2K resolution display, 16:10 Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen and glove
Ethernet	Gigabit Ethernet 1000Mbit/s	
Bluetooth	Bluetooth 4.2 wireless technology	
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 GPS, GLONASS, Galileo, BeiDou	A-GPS support
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker and Headphone	
Camera	5MP front, 13MP rear	Flash and AutoFocus rear camera
Keyboard	Power button, Volume up/down, Barcode scanner (and 2 programmable buttons *)	
Interfaces	USB 2.0	x2 Type-A and Micro USB
	RJ45 ethernet port	x1
	DB9 serial RS-232	x1
	Micro SD Memory Card Slot	x1
	SIM Card	x1
	3.5mm Headphone jack	x1
	Charging - DC In power jack	x1
	Docking connector	x1
Expansion Slots *	Built-in Barcode reader	1D and 2D barcode support
	Built-in NFC reader	13.56MHz, front reading
	UHF RFID	
	High precision GPS	
Security *	Built-in Fingerprint reader	up to 5 fingerprints stored
Power	Built-in rechargeable lithium-ion dual battery	10500mAh
	Power Management Hot Swap ***	End-user replaceable battery
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Width 275mm, Height 178mm, Depth 18mm	
Weight	approx.900g	
Environment **	Glass protection	>8H anti-scratch and anti-shock surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Operating Temperature	-20 °C to 60 °C
	Humidity	0% to 90% relative humidity, non-condensing
	Vibration & Shock	In accordance with MIL-STD-810G
Regulatory	CE, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RTA 310, 4GB RAM, 64GB SSD, OS Android	
	RTA 310-6GB, 6GB RAM, 128GB SSD, OS Android	
Included in the box	Hand Strap, Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document	
Accessories *	User replaceable anti-glare screen protector, Capacitive Pen with soft rubber, Office Docking with Battery Charger, Rugged Docking for wall-mount, Vehicle Docking, combinations RAM and VESA holder, Power Adapter for Vehicle, Spare Battery, Shoulder strap, Bluetooth Keyboard.	

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\* Optional

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

\*\*\* When the user will remove and replace the main battery, the system will keep in touch because the second battery will be the backup power. So, the System always turn on and will keep your data safe.

Specifications given herein may be changed at any time without any notice.  
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