

RUGGED TABLET RTA 310



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

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 2.0/3.0	x2 Type-A and Type-C	
	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 Power Management Hot Swap	
Cooling System	AC/DC Power Adapter	10500mAh, up to 8H durability End-user replaceable battery	
	Dimensions	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A	
Weight	Fanless design - No fan. No noise.		
Environment **	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 Accessories *	Hand Strap, Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document		
	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.		

www.ruggtek.com

* 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.

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

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