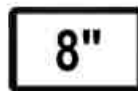# RUGGTEK
RUGGED MOBILE COMPUTER

RUGGED TABLET RTA 309

8"

The first and the best-known Tablet PC by Ruggtek
in pocket-size with latest Android operating system.

Android 11
CPU 8-Core
Display 8.1 inch 1920 x 1200
up to 6GB Ram, 128GB Storage
NFC front reading
Wireless, Bluetooth, 4G LTE

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Model	RTA 309	
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	8.1 inch	IPS technology (and 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	AutoFocus and Flash 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 battery	7800mAh
		Replaceable battery by Ruggtek authorised reseller
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Width 234mm, Height 144mm, Depth 17mm	
Weight	approx.700g	
Environment **	Display	Corning Gorilla Glass
	Touch screen	7H anti-scratch 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 309, 4GB RAM, 64GB SSD, OS Android	
	RTA 309-6GB, 6GB RAM, 128GB SSD, OS Android	
Included in the box	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,	
	Shoulder strap, Bluetooth Keyboard, Special cable for RJ45 port, Special cable for RS-232 port.	

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

New! the product will be available from Q2 - 2022.
Specifications given herein may be changed at any time without any notice.