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
Display 8" Sunlight Readable
Touchscreen with Thick Gloves
up to 8GB Ram, 256GB Storage
Wireless, Bluetooth & Cellular Network
Docking and Vehicle Cradle

www.ruggtek.com

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Model	RTA 309	
Operating System	Android 11	support Google play store and services
Computing Platform	MediaTek MT8788	8 Cores, up to 2.00GHz
System Memory	4GB	6GB or 8GB ***
Storage	64GB	128GB or 256GB ***
Graphic	ARM Mali-G72	
Display	8.1 inch	IPS technology, 500nits
		On request high brightness, 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
		On request touch by industrial thick gloves *
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 GNSS	Support GPS, Glonass, Galileo and Assisted GPS
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, Barcode scanner button (and 2 programmable buttons ***)	
Interfaces	USB port	x3 Type-A and Type-C
	DB9 serial RS-232 *	x1 external cable
	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
Expansion Slots *	Built-in Barcode scanner	1D and 2D barcode support
	Built-in NFC reader	ISO 14443-A/B, ISO 15693
	High precision GNSS	Multi-Constellation, centimetre precision
	UHF RFID module ***	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
	External GNSS connector ***	
Security ***	Built-in Fingerprint scanner module ***	Security Systems of Biometrics
	Built-in Fingerprint unlocking module ***	Unlocking Function for operating system
Power	Built-in rechargeable lithium-ion battery	7800mAh, ample power for a full shift
		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 **	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	IPx7
	Drop Resistance	1.22m
	Solar Radiation, Altitude, Vibration and Shock	in accordance with MIL-STD-810G
Regulatory	CE, FCC, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RTA 309, 4GB RAM, 64GB SSD, OS Android	
	RTA 309-HB, High Brightness Display, 4GB RAM, 64GB SSD, OS Android	
	RTA 309-TG, Touchscreen by Gloves, 4GB RAM, 64GB SSD, OS Android	
Included in the box	Hand holder, Power Adapter, Quick User Guide, Warranty document	
Accessories *	Tempered Glass hardness 9H for anti-shock and anti-scratch, Rubber-tipped Pen,	
	Spare Battery, Office Docking with Battery Charger, Vehicle Docking with interfaces,	
	Rugged Cradle holder, Adapter for Ethernet RJ45 port, Cable for RS-232 port,	
	Adapter for cigarette lighter socket, AC/DC Power Adapter, Bluetooth Keyboard.	
Services *	Extended warranty up to 3/5 years, Battery protection, Accidental damage cover, Fast swapping.	

* 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.