RUGGTEK
RUGGED MOBILE COMPUTER

RUGGED TABLET RTA 310

10"

The fully rugged android tablet by Ruggtek built for a wide variety of environments.

Android 7
CPU 8-Core
Display 10.1" 1920 x 1200
WiFi, Bluetooth, 4G LTE
Hot Swap Battery
1D/2D Barcode Reader

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Model	RTA 310	
Operating System	Android Nougat 7.0	support Google play service
Computing Platform	MediaTek MT6753, Octa-Core 1.50 GHz	
System Memory	3GB	
Storage	32GB	
Graphic	ARM Mali-T720	
Display	10.1"	16:10, IPS display, 500nits, Sunshine readable
Resolution	1920 x 1200	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen, glove and wet finger
Networking	Fast Ethernet 10/100 Mbit/s	
Bluetooth	Bluetooth v4.0	
Wireless	IEEE802.11 a/b/g/n	2.4GHz & 5.0GHz dual-band support
Mobile Broadband	4G LTE	Voice and data
GPS	GPS, Glonass, BeiDou and A-GPS support	
Sensors	Acceleration, Ambient light, Gravity	
Audio	Mono Speaker and Headphone jack	
Camera	5M pixels front, 13M pixels rear	Auto focus and flash rear camera
Keyboard	Power button, Volume control, Barcode scanner (and 2 programmable buttons *)	
Interfaces	USB 2.0	x2 Type-A and Micro USB
	RJ-45 ethernet port	x1
	DB9 serial RS-232	x1
	Micro SD Memory Card Slot	x1
	SIM Card	x1
	Headphone	x1
	DC In	x1
Expansion Slots *	Built-in Barcode Reader	1D and 2D barcode support
	Built-in NFC RFID	13.56MHz
	UHF RFID Reader	
	High precision GNSS	
Power	Battery	Lithium-Ion Dual Battery (10500mAh), Rechargeable
	Power Management Hot Swap ***	User replaceable battery
	AC/DC Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Cooling System	Fanless design, without any fan inside and outside	
Dimensions	275mm[W] x 178mm[L] x 18mm[H]	
Weight	approx.900g	
Environment **	Dispay	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	95% relative humidity, non-condensing
	Vibration & Shock	In accordance with MIL-STD-810G
Regulatory	CE, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RTA 310, 3GB RAM, 32GB SSD, OS Android	
Included in the box	Hand holder, Power Supply, Cables, Quick User Guide, Warranty document	
Accessories *	Office Docking with Battery Charger, Rugged Docking with 12-24VDC, VESA mount & RAM mount	
	Rugged Tablet Cradle with VESA mount & RAM mount, Vehicle Power Adapter 12-24VDC	
	User replaceable screen protector, Capacitive Pen with soft rubber, Shoulder Straps	
	Battery Pack, Micro SD Memory Card, Bluetooth Keyboard	

* 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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