

RUGGED TABLET RTL 310



10"



Ubuntu, Fedora, openSUSE the popular and modern platforms for embedded solutions on the rugged Tablet PC by Ruggtek.



4-core Processor
Display 10.1" 1920 x 1200
Ubuntu, open-source OS based on Debian
Fedora by Red Hat for Enterprise Applications
openSUSE for SAP Applications
Docking Station

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Model	RTL 310	
Operating System	Linux Ubuntu 18.04.5 LTS	Fedora 32 (Workstation Edition) on request * openSUSE-Leap 15.2 on request *
Computing Platform	Intel Atom x5-Z8350	4 Cores, up to 1.92GHz
System Memory	4GB	
Storage	64GB SSD	
Graphic	Intel HD Graphics	
Display	10.1 inch	IPS technology, 500nits, Sunshine readable
Resolution	1920 x 1200	2K resolution display, 16:10 Portrait or Landscape orientation by software
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	
Cellular network	UMTS, CDMA, GSM, GPRS	
Location	unavailable	
Sensors	unavailable	
Audio	Mono Speaker and Headphone	
Camera	unavailable	
Keyboard	Power button (and 3 programmable buttons *)	
Interfaces	USB 2.0/3.0	x2 Type-A
	RJ45 ethernet port	x1
	DB9 serial RS-232	x1
	HDMI	unavailable
	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 NFC reader
Built-in Barcode reader ***		1D and 2D barcode support
Built-in rechargeable lithium-ion battery #		8400mAh End-user replaceable battery
Cooling System	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Dimensions	Fanless design - No fan. No noise.	
Weight	Width 275mm, Height 178mm, Depth 18mm	
Environment **	Weight	approx.900g
	Glass protection	>8H anti-scratch and anti-shock surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Operating Temperature	-10 °C to 50 °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	RTL 310, 4GB RAM, 64GB SSD, OS Ubuntu	
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.	

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* 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.

(#) The power management isn't available on Linux. During the charging or using, it's appropriate to look the LEDs on front.

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

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