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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RUGGTEK
RUGGED MOBILE COMPUTER

Model	RTL 310	
Operating System	Linux Ubuntu LTS 64-bit	Fedora Workstation, openSUSE Leap 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	2.4GHz and 5.0GHz, Dual Band support
Cellular network	UMTS, CDMA, GSM, GPRS	Data
Location	unavailable	
Sensors	unavailable	
Audio	Mono Speaker and Headphone	
Camera	unavailable	
Keyboard	Power button (and 3 programmable buttons *)	
Interfaces	USB	x3 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
Power	Built-in rechargeable lithium-ion battery ***	8400mAh
		End-user replaceable battery
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	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	-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	Hand Strap, 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,	
	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.
*** The power management isn't available on Linux. During the charging or using, it's appropriate to look the LEDs on front.