

RUGGED TABLET RTL 409



The popular and modern platforms for embedded solutions based on the Intel CPU New Generation: Jasper Lake.



Linux Ubuntu LTS
Intel N5100
8GB Ram, 256GB Storage
Display 8.1 inch with 2K resolution
WiFi, Bluetooth, 4G LTE
Docking and Vehicle Cradle

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Model	RTL 409	
Operating System	Linux Ubuntu 22.04.3 LTS	Debian, Fedora, SUSE ***
Computing Platform	Intel Celeron N5100	4 Cores, 4 Threads, up to 2.80GHz
System Memory	8GB	
Storage	256GB SSD	
Graphic	Intel UHD Graphics	4K support, Dual Display support
Display	8.1 inch	IPS technology (and 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
Bluetooth	Bluetooth 5.0 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	Data
Location	GPS not support	
Sensors	Not support	Light sensor by software
Audio	Mono Speaker and Headphone	
Camera	No	
Keyboard	Power button, Volume up/down (and 3 programmable buttons ***)	
Interfaces	USB 3.0	x3 Type-A
	DB9 serial RS-232 *	x1 special cable
	HDMI	x1
	Micro SIM Card Slot	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
Power	Built-in rechargeable lithium-ion battery	5000mAh, ample power for a full shift Replaceable battery by Ruggtek authorised reseller
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 12VDC, 4A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Width 234mm, Height 144mm, Depth 17mm	
Weight	approx.700g	
Environment **	Glass protection	>8H anti-scratch and anti-shock surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx7
	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 409, 8GB RAM, 256GB SSD, OS Linux	
Included in the box	Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document	
Accessories *	User replaceable anti-glare screen protector, Rubber-tipped Pen, Office Docking, Vehicle Docking with combinations RAM and VESA holder, Power Adapter for Vehicle, 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.

*** Non-Standard Part, assembly by request. A minimum order quantity (MOQ) is required.

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