

# RUGGTEK

RUGGED MOBILE COMPUTER



- ✓ Display 8.1 inch
- ✓ 8GB Ram, 256GB Storage
- ✓ Sunlight Readable
- ✓ Long-Term Supply
- ✓ Waterproof
- ✓ European Warranty

## RT 409

8" tablet with Windows 11  
based on Intel N5100 processor

[www.ruggtek.com](http://www.ruggtek.com)

Operating System	Microsoft Windows 11 Professional	on request Windows IOT Enterprise LTSC *
Computing Platform	Intel N5100	4 Cores, up to 2.80GHz
System Memory	8GB	
Storage	256GB	up to 1TB (#)
Graphic Chip	Intel UHD Graphics	4K support, Dual display support
Display	8.1 inch	500nits brightness
Resolution	1920 x 1200	on request Sunlight-viewable, 1000nits brightness *
Touchscreen	Capacitive	2K resolution display
Wireless LAN	IEEE 802.11ac compatible	Portrait or Landscape, automatic screen rotation
Bluetooth	Bluetooth 5.0 wireless technology	Multi-touch by finger and pen
Mobile Broadband	4G LTE	Touch by industrial thick gloves (#)
Location	Built-in GNSS	2.4GHz and 5.0GHz, Dual Band support
Audio	Speaker and Headphone	Class 2
Camera	5MP front, 13MP rear	Data
Keyboard	Power button, Volume control, and 3 buttons (connect to expansion modules)	support GPS, Glonass, Galileo, BeiDou, and A-GPS
Interfaces	USB 3.0 port	x2 Type-A
	HDMI	x1
	SIM Card Slot	x1
	Headphone	x1 Line Out 3.5mm
	Charging - DC In power	x1 by Jack
	Docking connector	x1
Optional Expansion *	Built-in Barcode scanner	1D and 2D barcode support
	Built-in HF RFID	NFC reader ISO 14443-A/B, Mifare Classic
	Built-in UHF RFID (#)	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
Security	Trusted Platform Module (TPM) 2.0	
	Built-in Fingerprint scanner module (#)	
Power	Lithium-ion battery, rechargeable	4700mAh, ample power for a half shift
	AC/DC Power Adapter	Replaceable by Ruggtek authorised reseller
Dimensions	Width 234mm, Height 144mm, Depth 17mm	Input: 100-240VAC, 50/60Hz, Output: 12VDC
Weight	approx.710g	
Environment	Operating Temperature	-20 °C to 60 °C in accordance with MIL-STD-810G
	Shock Temperature	in accordance with MIL-STD-810G
	Drop Resistant	1.22m
	Dust and Water Resistance	IP67
	Vibration and Shock	in accordance with MIL-STD-810G
Regulatory	CE, CCC, WEEE, RoHS, REACH	
Ordering Code	TPC-RTW00409-0	8GB RAM, 256GB SSD, OS Windows
Included in the box	Hand holder, Power Supply, User Guide, Warranty document.	
Accessories *	Screen Protector, Pen, Spare Battery, Shoulder strap, Cigarette lighter, Bluetooth Keyboard, Office Cradle with Battery Charger, Rugged Cradle with interfaces for VESA/RAM mounting, Adapter for Ethernet RJ45 port, Adapter for RS-232 port.	
Services *	Ruggtek Warranty, product guarantee up to 3 years.	
	Ruggtek Easy-Care, customer service agreements with accidental damage cover.	

(\*) Optional

(#) 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.

The device is tested according to regulations by an independent third-party lab.

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