

# RUGGTEK

RUGGED MOBILE COMPUTER



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

## RT 509

High-performance 8" tablet  
with Intel Core i5

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

Operating System	Microsoft Windows 11 Professional	
Computing Platform	Intel Core i5-8200Y	2 Cores, up to 3.90GHz
System Memory	8GB	
Storage	256GB	
Graphic Chip	Intel UHD Graphics 615	4K support, Dual display support
Display	8.1 inch	500nits brightness on request Sunlight-viewable, 1000nits brightness *
Resolution	1920 x 1200	2K resolution display Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
Wireless LAN	IEEE 802.11ac compatible	2.4GHz and 5.0GHz, Dual Band support
Bluetooth	Bluetooth 5.0 wireless technology	Class 2
Mobile Broadband	4G LTE	data
Location	Built-in GNSS	support GPS, Glonass, Galileo, BeiDou, and A-GPS
Audio	Speaker and Headphone	
Camera	5MP front, 13MP rear	Auto focus rear camera
Keyboard	Power button, Volume control, and 3 buttons (connect to expansion modules)	
Interfaces	USB 3.0 port	x3 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
Security	Trusted Platform Module (TPM) 2.0	
Power	Lithium-ion battery, rechargeable	4700mAh, ample power for a half shift
		Replaceable by Ruggtek authorised reseller
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 12VDC
Dimensions	Width 234mm, Height 144mm, Depth 17mm	
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-RTW00509-0	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, 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.

Copyright© Ruggtek. All Rights Reserved.

Ruggtek® is registered trademark of Sesitek SRL.