RUGGTEK
RUGGED MOBILE COMPUTER

RUGGED TABLET RT 308

8"

The ultimate Rugged Tablet PC helping the rise of new digital industrial technology 4.0.

Intel Quad-Core
Windows 10 Pro/IoT
Display 8.1" 1920 x 1200
WiFi, Bluetooth, 4G LTE
Barcode Reader
Customization Service

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Model	RT 308	
Operating System	Microsoft Windows 10 Professional (or Windows 10 IoT Enterprise *)	
Computing Platform	Intel Atom Z8350, Quad-Core 1.44 GHz	
System Memory	4GB	
Storage	64GB	
Graphic	Intel HD graphics, Dual Display	
Display	8.1"	16:10, IPS display, 500nits, Sunshine readable
Resolution	1920 x 1200	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen, glove and wet finger
Networking *	Gigabit Ethernet 10/100/1000 Mbit/s	
Bluetooth	Bluetooth v4.2	
Wireless	IEEE802.11 a/b/g/n/ac	2.4GHz & 5.0GHz dual-band support
Mobile Broadband	4G LTE	
GPS	GPS, Glonass, BeiDou and A-GPS support	
Sensors	Acceleration, Ambient light, Gravity	
Audio	Mono Speaker and Headphone jack	
Camera	2M pixels front, 5M pixels rear	Auto focus rear camera
Keyboard	Power button, Volume control, Barcode scanner (and 2 programmable buttons *)	
Interfaces	USB 3.0	x1 Type-A
	USB 2.0	x2 Type-A and Micro USB
	RJ-45 ethernet port *	x1 special cable USB-RJ45
	DB9 serial RS-232 *	x1 special cable USB-DB9
	HDMI	x1
	Micro SD Memory Card Slot	x1
	SIM Card	x1
	Headphone	x1
	DC In	x1
Expansion Slots *	Built-in Barcode Reader	1D and 2D barcode support
	Built-in NFC RFID	13.56MHz
	UHF RFID Reader	
	High precision GNSS	
Power	Battery	Lithium-Ion Battery (7800mAh), Rechargeable
		Replaceable battery by Ruggtek authorised reseller
	AC/DC Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Cooling System	Fanless design, without any fan inside and outside	
Dimensions	228mm[W] x 137mm[L] x 13mm[H]	
Weight	approx.600g	
Environment **	Dispay	Corning Gorilla Glass
	Touch screen	7H anti-scratch surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Operating Temperature	-10 °C to 50 °C
	Humidity	95% relative humidity, non-condensing
	Vibration & Shock	In accordance with MIL-STD-810G
Regulatory	CE, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RT 308, 4GB RAM, 64GB SSD, OS Windows	
Included in the box	Hand holder, Power Supply, Cables, Quick User Guide, Warranty document	
Accessories *	Office Docking with Battery Charger, Rugged Docking with 12-24VDC, VESA mount & RAM mount	
	Rugged Tablet Cradle with VESA mount & RAM mount, Vehicle Power Adapter 12-24VDC	
	User replaceable screen protector, Capacitive Pen with soft rubber, Shoulder Straps	
	Micro SD Memory Card, Bluetooth Keyboard	

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* Optional
** Tested by an independent third-party lab following CE, MIL-STD-810G and IEC 60529.

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