



Android Enterprise Rugged Tablet

RT103

Optimized for Business in Every Aspect with Ruggedness



OS
Android 10.0.x



Performance
Octa-Core Processor



Wireless
Wifi, Bluetooth



Battery
Long-lasting 6000mAh



Operating Temp.
-20°C to 50°C
-4°F to 122°F



Camera
13MP Autofocus with flash (Optional)



Display
10.1" WXGA (1280 x 800)



Drop Resistance
Multiple 1.2 m (4 ft) drops per MIL STD 810G

Enterprise Ruggedness

Through Bluebird TankSmith® technology, RT103 is designed for the enterprise with drop spec of 4 ft. (1.2m) and sealing up to IP65 to provide the ultimate durability and usability allowing use in environments exposed to water, humidity, or dust.

Solid Enterprise Performance

With adopting Qualcomm Snapdragon®, the best CPU for enterprise and Android 10, RT103 makes you do business faster and more securely, enhancing work efficiency.

Fast, Stable Connectivity

RT103 supports the fastest wireless connection of 802.11 a/b/g/n/ac/d/r/h/i/v/k/w to guarantee maximum speed and compatibility with WLAN, supporting LTE as options.

All Day Long User Replaceable Battery

The energy-efficient processor combines with high capacity of 6000mAh, preserving the battery life to make sure it lasts the entire work shift and longer. User replaceable type extends product life cycle, reducing maintenance cost.

Optimized Efficiency in Field Work

RT103 has adopted display that provides clear and bright visibility under outdoor conditions with auto-sensing glove, wet touch technology and stylus supporting uninterrupted productivity in work environment.

Markets and Applications

Retail

- Inventory management
- Assisted selling
- Price verification
- Mobile Point of Sale
- Line busting

Field Service

- Mobile dispatch
- Work order management
- Asset management
- Maintenance / Inspection

Logistics and Transportation

- PoD/DSD sign off
- Cargo/container tracking
- Fleet maintenance
- Asset management

Restaurant & Hospitality

- Order taking
- Point of Sale (POS)

Warehouse and Distribution

- Warehouse management
- Returns processing

Healthcare

- Point of Care
- Patient Record

Manufacturing

- Inventory management
- Supply-line replenishment
- Receiving / Put-away / Shipping

Specifications

PERFORMANCE CHARACTERISTICS	
CPU	1.8Ghz Octa Core Processor
OS	Android 10 with GMS
Memory	3GB SDRAM 32GB Flash 4GB SDRAM 64GB Flash (Optional)

PHYSICAL CHARACTERISTICS	
Dimensions (L x W x D)	262.0 x 178.2 x 14.65 mm
Weight	810g
Display	10.1 inch, 1280 X 800 (WXGA)
Imager window	Corning® Gorilla® Glass
Touch Panel	Capacitive multi-touch/ Stylus
Backlight	LED Backlight
Power	User replaceable Battery 3.8V 6000mAh
Hot Swap	Support
Expansion Slot	User accessible micro SDXC card slot (standard supports up to 2TB)
SIM / SAM	1 Micro SIM (WWAN only)
Interface	Docking Connector (8-pin) 1 x USB Type C (3.0) (OTG)
Notification	Audible tone, Charging Status LED 1
Voice / Audio	Speaker, Microphone
Keypad	On-screen keypad

WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	(Optional) Worldwide - LTE : 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 20(800), 28(700) - WCDMA : B1, B2, B4, B5, B8 - GSM/EDGE : B2, B3, B5, B8
GPS	(for WWAN only) A-GPS, GLONASS, BEIDOU, Galileo

WIRELESS LAN	
Radio	802.11 a/b/g/n/ac/d/r/h/i/v/k/w
Data Rate	5GHz: 802.11a/n/ac — up to 500 Mbps; 2.4GHz: 802.11b/g/n — up to 144Mbps
Security and Encryption	WEP (40 or 104 bit) ; WPA/WPA2 Personal (TKIP, and AES); WPA/WPA2 Enterprise (TKIP, and AES) - EAPTTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PE APv0- MSCHAPv2, PE APv1-EAP-GTC, EAP Fast and LEAP

WIRELESS PAN	
Bluetooth	Bluetooth v5.0, BLE, Class 2

WIRED LAN	
Ethernet	Support (w/ Ethernet Cradle)

DATA CAPTURE	
Scanning	1D&2D Imager (w/ Smart Plug)
Camera	(Optional) Rear : 13MP Autofocus Front : 5MP Fixed Focus
NFC	(Optional) ISO 14443 Type A & B ISO 15693, MiFare, Felica
Biometrics	Support (w/ Smart Plug)

PAYMENT	
MSR	Support (w/ Smart Plug)
Contact	Support (w/ Smart Plug)

SENSOR	
Light Sensor	Ambient Light
Motion Sensor	Accelerometer, E-Compass, Gyro

USER ENVIRONMENT	
Operating Temp.	-20°C to 50°C / -4° F to 122° F
Storage Temp.	-20°C to 65°C / -4°F to 149°F
Humidity	90% non-condensing
Drop Spec.	1.2m / 4 ft. to drop per MIL STD 810G 1.5m / 5 ft. to drop per MIL STD 810G (w/ the Rugged Plug)
Tumble Spec.	100 3.2 ft./0.5 m tumbles; meets and exceeds IEC tumble specification
Sealing	WiFi Only : IP54 / WWAN : IP65
Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge

* Specifications are subject to change.