



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

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.

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.

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.

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.

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.