

# RT71 7" IP67 Sunlight Readable Water Resistant Rugged Tablet PC



## Description

The 7" **RT71 Industrial-grade Rugged Tablet PC** manufactured by **Xenarc Technologies** brings versatility and usability to our 7" line of industrial and commercial-grade tablet pc displays. This ruggedized tablet computer is not only **IP67** and **NEMA6P** dust and waterproof, it is also **direct sunlight readable** with a brightness of **1,000 NIT**. It's Aerospace-Grade Titanium Alloy Frame provides drop and vibration resistance. This multi-functional tablet incorporates **2G/3G/4G LTE cellular** support, 802.11B/G/N WiFi, Bluetooth 4.0, NFC, and a GPIO Port, making it perfect for almost any automotive, industrial, and mobile telematic application. The RT71 is powered by a 9650mAh battery that provides hours and hours of usability before requiring recharge.

Using the RT71 is a breeze. The **RT71 7" Rugged Tablet PC** comes with a projected capacitive multi-touch touchscreen (PCAP) that works even with liquids on the panel, allowing for touch inputs in any situation. The touch panel itself is also ruggedized to prevent cracks or scratches. Take pictures with the dual cameras (13MP rear, and 5MP front) or use the built in GPS sensor to allow location tracking. The applicability of this unit in any situation is limitless.

Why do our products outlast others in extreme conditions? Why do our products have a wider temperature range and a wider voltage input range? It is because our mission is to offer our customers the best products for any situation. By utilizing high grade components, this tablet is perfect for industrial, in-car computing applications or any other applications where a small, durable, environmentally rugged tablet / mobile IOT Terminal is required, including but not limited to:

- **Transportation** - Marine, Air, Heavy Vehicles, Mining, Weigh Stations, Fleet Management,

- Telematics, In-Car Computing, Public Transit, Cargo
- **System Integration** - Machinery Controls, Factory Automation, Environmental Monitoring, Home Automation, Military, Smart Home
- **Point of Sale** - Hospitality, Digital Signage, Self-Service Kiosks, Outdoor Kiosks and Signage, Casino
- **Data Monitoring** - Cloud, IoT, Medical, Logistics, Inventory Management, Oil & Gas/Utilities, Law Enforcement, Broadcasting, Veterinary, First Person View

## Features

- IP67 / NEMA6P Rated Water and Dust Resistance
- Aerospace-Grade Titanium Alloy Frame, Drop / Vibration Resistant
- 1,000NIT Sunlight Readable with Long Life LED Backlight
- Toughened Projected Capacitive Multi-Touch Touchscreen supporting Glove and Water Spray
- 7 Inch 1280 x 720 HD720 IPS / AFFS Display
- 13.0MP Rear Camera and 5.0MP Front Camera
- 2G/3G/4G LTE Cellular Support
- 802.11 B/G/N WiFi
- Bluetooth 4.0
- NFC Near Field Communication
- Built-in GPS
- Accelerometer, Orientation Sensor, Gravity Sensor, Linear Acceleration Sensor
- Rotation Vector Sensor, Magnetic Field Sensor, Gyroscope Sensor
- GPIO Port
- Long-life 9650mAh Battery
- FCC, CE, MA, CCC Certification
- ROHS Compliant
- 24 Month Warranty
- 30 Day No dead Pixel Guarantee

## Package Contents

- AC Adaptor with USB-C Charging Cable
- GPIO Cable with RS232 Connector
- Carrying Case

## Specification

- Processor: ARM 64Bit Cortex A53 Quad Core 1.5GHz x 4
- Internal Memory: 3GB RAM + 32GB ROM EMCP
- External Memory: Micro SD Card (T-FLASH Card)
- Operating System: Android 7.0
- Display: 7-Inch Industrial Grade 1280 x 720 HD720 IPS / AFFS LCD Display

- Brightness: 1000 cd/m<sup>2</sup> Sunlight Readable
- Cameras: 13.0MP(AF) with Flash LED Primary Camera and 5.0MP Secondary Camera
- Sim Card: 1.8/3.3V SIM Card
- Cellular Network Support: 2G/3G/4G - GSM(B2/3/5/8), WCDMA(B1/2/5/8), TDSCDMA(B34/39), TD-LTE(B38/39/40/41), FDD LTE(B1/3/7); 2G&Call: EDGE/GPRS/WAP
- Bluetooth: BT4.0(A2DP+EDR)
- WiFi: 802.11/B/G/N (2.4G and 5G)
- Navigation: GPS+AGPS+EPO
- NFC Near Field Communication: ISO14443A/B/ISO15693
- Data Interface: USB Type-C 24Pin
- Earphone: 3.5mm Headphone Jack
- Power Charger: USB Type-C
- Battery: 9,650mAh
- Operating Temperature: -4°F ~ 140°F (-20°C ~ 60°C)
- Storage Temperature: -40°F ~ 176°F (-40°C ~ 80°C)
- Relative Humidity: 5% ~ 95%
- Operating Altitude: 4,500m (15,000 Feet) Max
- Shake-proof: 1-19Hz / 1.0mm; 19-200Hz / 1.0g
- Dropproof: MIL-STD-810G / Method 516.6 / Procedure IV
- Water Resistant: Class 7 (IEC 60529)
- Dust Resistant: Class 6 (IEC 60529)
- Reliability: MTBF > 50,000 Hours; MTTR < 0.5 Hour
- Dimension (mm): 202W x 138H x 22D
- Weight (lb): 1.46