

RT71 7" IP67 Sunlight Readable Water Resistant Rugged Tablet PC



Description

NOTE: This 7" Rugged Tablet has been discontinued. Please take a look at our [RT71-PRO](#).

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. This ruggedized tablet computer is not only **IP67** and **NEMA6P** rated for dust and water resistance, 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, 802.11 a/b/g/n/ac WiFi, Bluetooth 4.0, and NFC, making it perfect for almost any automotive, industrial, and mobile telematic application. The RT71 is powered by a 10,000mAh 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) . The touch panel itself is 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.

****IP67 rating is Lab Certified based on controlled test conditions for submersion in up to 1 meter of freshwater for up to 30 minutes while port covers are properly closed. Water resistance is not permanent condition and resistance might decrease as a result of normal wear. In accordance with industry wide policy, liquid damage is not covered by limited warranty.***

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

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- 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 a/b/g/n/ac WiFi
- Bluetooth 4.0
- NFC Near Field Communication
- Built-in GPS: GPS+Glonass+Beidou+AGPS
- Accelerometer, Orientation Sensor, Gravity Sensor, Linear Acceleration Sensor
- Rotation Vector Sensor, Magnetic Field Sensor, Gyroscope Sensor
- Long-life 10,000mAh Battery
- FCC, CE, MA, CCC Certification
- ROHS, REACH, ECE R118-03 Compliant
- 24 Month / 2 Year Warranty
- 30 Day No dead Pixel Guarantee

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Package Contents

- AC Adaptor with USB-C Charging Cable
- Carrying Case

Specification

NOTE: This 7" Rugged Tablet has been discontinued. Please take a look at our RT71-PRO.

- 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/m² 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(B1/2/3/5/7/20); 2G&Call: EDGE/GPRS/WAP
- Bluetooth: BT4.0(A2DP+EDR)
- WiFi: 802.11 a/b/g/n/ac (2.4G and 5G)
- Navigation: GPS+Glonass+Beidou+AGPS
- NFC Near Field Communication: ISO14443A/B/ISO15693
- Data Interface: USB Type-C 24Pin
- Earphone: 3.5mm Headphone Jack
- Power Charger: USB Type-C
- Battery: 10,000mAh / 37Wh, 3.7V
- 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)
- MTBF (Mean Time Between Failures): > 55,000 Hours or > 6.2 Years of continuous operation; MTTR < 0.5 Hour
- Dimension (mm): 202W x 138H x 22D
- Weight (lb): 1.46

Mouser Electronics

Authorized Distributor

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[RT71](#)