RT101-PRO 10.1" IP65 Water Resistant Sunlight Readable Military Grade Rugged Tablet PC

Description

The 10.1**" RT101-PRO Industrial-grade Rugged Tablet PC - PRO Edition** manufactured by **Xenarc Technologies** brings versatility and usability to our 10.1” line of industrial and commercial-grade tablet PC. The **Pro Edition** have these enhancements over our standard RT101: **Cortex A73 Octa Core 2.0GHz Processor**, **8GB of memory**, **128GB of internal storage**, **Bluetooth 4.2 (LE)**, and runs on **Android 13**. This ruggedized tablet computer is not only **IP65** and **NEMA4** rated for dust

and water resistance, it is also **direct sunlight readable** with a brightness of **1,200 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 4.2 LE, and NFC, making it perfect for almost any military, law-enforcement, automotive, industrial, and mobile telematic application. The RT101-PRO is powered by a 14,600mAh battery that provides hours and hours of usability before requiring recharge.

Using the RT101-PRO is a breeze. The **RT101-PRO 10.1" 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.

IP65 rating is Lab Certified based on controlled test conditions for resistance against low pressure jets of water from all directions 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

- IP65 / NEMA4 Rated Water and Dust Resistance
- Aerospace-Grade Titanium Alloy Frame, Drop / Vibration Resistant
- 1,200NIT Sunlight Readable with Long Life LED Backlight
- Toughened Projected Capacitive Multi-Touch Touchscreen supporting Glove and Water Spray
- 10.1 Inch 1920 x 1200 FHD 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 4.2 (LE)
- 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 14,500mAh Battery
- FCC, CE, MA, CCC Certification
- ROHS, REACH, ECE R118-03 Compliant
- 24 Month / 2 Year Warranty (Battery 1 Year Warranty)

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Package Contents

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

Specification

- Processor: ARM 64Bit Cortex A73 Octa Core 2.0GHz x 8
- Internal Memory: 8GB RAM + 128GB ROM EMCP
- External Memory: Micro SD Card (T-FLASH Card), 256GB max
- Operating System: Android 13
- Display: 10.1-Inch Industrial Grade 1920 x 1200 FHD IPS / AFFS LCD Display
- Brightness: 1200 cd/m² Sunlight Readable
- Touchscreen: 5 point Multi-touch Capacitive, Anti-Salt / Anti-Fog, 9H Hardness, Anti-Glare Screen Protector
- 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), Evdo(BC0/BC1), CDMA(BC0/BC1), TD-LTE(B38/39/40/41), FDD LTE(B1/2/3/4/5/7/8/12/17/20/28); 2G&Call: EDGE/GPRS/WAP
- Bluetooth: BT v2.1+EDR/BT 3.0+HS compliance / Bluetooth v4.2 (LE)
- WiFi: Dual-band (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac
- Navigation: GPS+Glonass+Beidou+AGPS
- NFC Near Field Communication: ISO14443A/B/ISO15693
- Data Interface: USB Type-C 24Pin support OTG, USB-A x 2
- Speaker: 1.5W, 96±3dB
- Earphone: N/A
- Power Charger: USB Type-C
- Battery: 14,600mAh / 37Wh, 3.7V
- Operating Temperature: -4°F ~ 131°F (-20°C ~ 55°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
- Dust Resistant: Class 6 (IEC 60529)
- Water Resistant: Class 5 (IEC 60529)
- MTBF (Mean Time Between Failures): > 55,000 Hours or > 6.2 Years of continuous operation; MTTR < 0.5 Hour
- Dimension (mm): 320W x 228H x 12D
- Weight (lb): 2.91