

R70



RUGGED A TRUSTWORTHY PARTNER

7" Windows® Ultra-rugged Tablet Intel® Celeron® N3350

R70 is an ultra-rugged tablet, boasting IP68 protection and a 1.5m drop standard. It has been proven to operate reliably in high-intensity vibration environments.

For user efficiency, R70 supports hot-swappable batteries, enabling battery replacement without turning off the device. Additionally, its battery allows users to easily check the power level with a simple button press.

With its 7" screen, R70 provides exceptional flexibility for mobile work and offers excellent wireless connectivity with Wi-Fi, Bluetooth, and optional 4G LTE.

To enhance enterprise data security, R70 offers an optional Trusted Platform Module (TPM v2.0) for hardware-level protection.

Key Features

- Windows® 10 IoT Enterprise, Intel® Celeron® N3350
- 7" 1280 × 800 resolution
- Support wet & glove-friendly touch
- 4GB LPDDR4X, 64GB eMMC
- IP68 protection, 1.5m drop
- Replaceable battery, hot-swappable
- Wi-Fi, BT v4.2, optional 4G LTE
- Built-in GPS
- Optional TPM v2.0
- Complete Accessory Package to facilitate your work

Download the Accessory Guide R70 on www.rugstorm.com/download

Operating System

- Windows® 10 IoT Enterprise SAC 64 bit

Processor

- Intel® Celeron® N3350, 1.1 GHz up to 2.4 GHz

Memory & Storage

- 4 GB LPDDR4X
- 64 GB eMMC

Display

- 7" 1280 x 800 resolution
- Support wet & glove modes with capacitive 10-point touch
- 550 nits typical
- Direct bonding

Sensors

- Ambient light sensor
- Accelerometer

Audio

- 1 x USB3.0 Type-C with Display Port
- Built-in microphone
- 98db speaker (10 cm, 1 kHz)

Camera

- 8 MP rear camera with fixed focus and flashlight

Interface

- 1 x USB3.0 Type-A, 1 x USB3.0 Type-C
- 1 x DC Jack 19V
- 1 x Nano SIM card slot
- 1 x Micro SDXC (Max: 1TB) slot
- Docking connector 35-pin bottom, 12-pin back
- Buttons
 - 1 x Power
 - 2 x Screen brightness +/-
- Status indicators
 - 1 x Power
 - 1 x Battery
- Kensington lock

Dimension & Weight

- 212.0mm L x 140.0mm W x 22.8mm D/8.4" L x 5.4" W x 0.9" D
- 0.77kg/1.7lbs

Power

- 7.6V, 4050mAh typical, hot-swappable
- Not less than 8 hours working time (JEITA 2.0)
- AC/DC adapter: Input AC 100-240V 50/60 Hz; Output DC 19V, 3.42A

Wireless Connectivity

- Wi-Fi (WLAN)
 - 802.11 a/b/g/n/ac 2.4, 5GHz
- Cellular (WWAN)
 - 4G LTE Global version (optional)
- BT (WPAN)
 - v4.2
- GNSS
 - GPS
 - Galileo
 - BeiDou
 - GLONASS

Security

- Optional TPM v2.0

Environment & Ruggedness

- Operating temperature
 - -20°C to 55°C/68°F to 131°F
- Storage temperature
 - -40°C to 70°C/-40°F to 158°F
- Humidity
 - 0% to 95% non-condensing
- Sealing
 - IP68
- Magnesium-aluminum alloy internal frame

Certifications

- FCC
- CE, RoHS2
- WEEE

Optional Accessory

- Office Dock
- Battery Changer