



## Key Features

- 10.1" WXGA (1280 x 800) 300-nit TFT LCD
- Intel® Celeron™ N4200 1.1 GHz Quad Core Up to 2.5 GHz
- Onboard DDR3L Memory, 4G
- eMMC 64GB (mSATA III Up to 512GB Optional)
- Projective Capacitive Multi-Touch Panel
- WiFi 802.11b/g/n, Bluetooth 4.1, LTE (Optional)
- MIL-STD-810G, IP65 Compliant, Drop 122cm
- 2MP Front and 8MP Rear Camera
- RS-232/422/485 COM Port + 10/100/1000 Base-T RJ45
- USB 3.0 x 2 (USB Type-C x 1), USB 2.0 x 2
- Programmable Function Key: F0, F1, F2, F3, Volume Up/Down with LED
- 2D Barcode Scanner & Smart Card Reader
- Up to 3 GNSS, GPS (Default), Galileo, GLONASS, BeiDou (Optional)
- One Hot-swappable Battery + Internal Battery, Up to 44W Capacity
- Windows® 10 IOT

**MIL-STD  
810G**

**IP65**



Heat & cold resistant, shock & drop resistant  
and water resistant up to IP65

## The ultimate mobile HMI

The RTC-1010 is one of the most complete rugged tablet computers in today's market. With its various I/O's on board and optional barcode scanner as well as the fact that has been designed with customization in mind, this 10.1" work horse will fit your exact needs.



## Why RTC Tablets



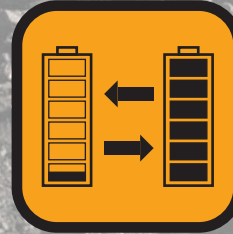
Shockproof



IP 65 Certified



Turnkey extensions



Changeable battery



Military grade quality



## Technical specifications

### System

Processor	Intel® Pentium® N4200 1.1GHz Quad core up to 2.5GHz
Memory	Onboard DDR3L 4GB (Default), up to 8GB
Storage	eMMC 64GB (mSATA III up to 512GB via inside mini-card slot, Optional)
I/O	Micro-HDMI port x 1, SIM card slot x 1, Micro-SD card slot x 1, Audio jack x 1, USB 3.0 x 2 (USB Type-C x 1), USB 2.0 x 2, DC-in jack x 1, RS-232/422/485 COM Port x 1, 10/100/1000 Base-T RJ45 x 1 Smart card reader x 1 (Optional, Without IP protection)
Communication	Wi-Fi 802.11 b/g/n, Bluetooth v4.1
WWAN (optional)	LTE via mini-card slot (Optional)
Navigation	Up to 3 GNSS, GPS (Default), Galileo, GLONASS, BeiDou (Optional)
Camera	2MP front camera, 8MP rear camera with flash
Expansion	Inside mini-card slot x 1, Mini-card slot x 1, Docking connector: USB 2.0 x 1
Sensors	G-sensor, E-compass, Gyro-sensor, Light-sensor
OS	Windows® 10 IOT
BCR (optional)	2D Barcode scanner, OPTICON MDI-4100-USB (Optional)
RFID (Optional)	Front-facing NFC reader (Optional)

### Environmental

Operating Temperature	-20°C to 50°C
Storage Temperature	-55°C to 70°C
Water & Dust proof	IP65 Compliance
Vibration	MIL-STD-810G-514.6 Procedure I Cat.24, Fig 514.6E-1 & 514.6E-2 (Unit is non-operating) ASTM 4169-99 Truck Assurance Level II, Schedule E (Unit is non-operating)

### Drop

MIL-STD-810G-516.6, Procedure IV
Drop height: 122 cm
Number of Drop: 26 times, for all surfaces, edges and corners
Condition: Based on 2" plywood over concrete
IP65
Air charge: +/- 8KV, Contact charge: +/- 4KV
UL60950-1, CE, FCC

### Water & Dust Proof ESD EMI/Safety

### Mechanical

Color	Dark-Grey
Dimension (W x H x D)	272.0 x 190.0 x 20.4 mm (10.71" x 7.48" x 0.80")
Gross Weight	2.2 lb (1.0 Kg) based on configurations

### Power Supply

AC/DC Adapter	AC 100 ~ 240 V, 50 ~ 60 Hz, Output: 12V 3A / 36W
Battery	Hot-swappable battery: 14.4V, 2270mAh, 32.7W for use up to 8 hours
Slave Battery	7.4V, 1530mAh, 11.3W

### LCD

Display	10.1" TFT-LCD
Resolution	1280 x 800 Pixels
Brightness	300 nits
Touch Screen	Projected Capacitive Multi-Touch panel