



## 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.



For more information about our rugged tablet solutions, please contact us now!

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## 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