



## Key Features

- 7" WXGA (1280 x 800) TFT LCD Display, 400nit
- Intel® Atom™ x 5-Z8350 Quad Core 1.92 GHz Processor
- DDR3L-RS 1600 2GB
- Projected Capacitive Multi-Touch Panel, Gorilla Glass
- Extended Battery Swappable, MIL-STD 810G, IP65 Compliant
- GPS/GLONASS Simultaneously
- WiFi a/b/g/n, BT4.0
- Support NFC/RFID, Ethernet + COM Port (Optional)
- 1D/2D Barcode Scanner with Trigger Button (Optional)
- MSR (Optional) / SCR (Optional)
- G-Sensor, Light Sensor, E-Compass
- Windows® 10 IOT Enterprise / Android 5.1
- Intel® RealSense™ 3D camera (optional)

**MIL-STD  
810G**

**IP65**



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

## The most versatile rugged tablet

The RTC-700 series is one of the most versatile rugged tablets in the market today. You are free to select between no top module, a module with physical COM and Ethernet port and a module with 1D/2D barcode scanner. You can even complete these modules with an extra base module with magnetic strip and/or smart card reader. So no matter if you want to use it as a Mobile HMI, eTicket validator, stock taking device or rugged POS system, the RTC-700 will do the work for you.

## Why RTC Tablets



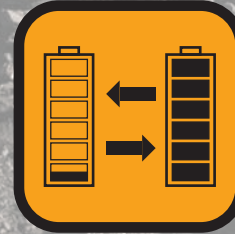
Shockproof



IP 65 Certified



Turnkey extensions



Changeable battery



Military grade quality

## Real world application

A Scandinavian IT Company - specialized in electronic ticketing and travel information – is using an AAEON RTC-700 Rugged Tablet to bring a totally new generation of public transport systems. With the intelligence of this company's solution running in the cloud, they were looking for a reliable access point to be used on the road. Aaeon was able to offer a flexible and expandable system and a single all-in-one platform.

For more real world application stories and white papers, please visit [www.RTC-Tablet.com](http://www.RTC-Tablet.com)

## Technical specifications

### System

Processor	Intel® Atom™ x 5-Z8300 CHT-T3 Quad Core 1.92 GHz Processor
Memory & Storage	DDR3L-RS 1600 2GB
I/O	DC-in jack x 1, MicroSD Card x 1, SIM card slot x 1, USB 2.0 x 2 (A Type x 1, Mini USB x 1), USB 3.0 x 1 (Type C), Built-in Speaker & Microphone x 1, 3.5mm stereo headphone jack x 1, 1D/2D Barcode scanner x 1 (Optional), Magnetic Stripe Reader x 1 (Optional), COM port x 1+Ethernet x 1 (Optional)
Communication	Bluetooth v4.0, Wi-Fi (802.11 a/b/g/n), NFC / RFID (13.56MHz), 3G (Optional)
WWAN (optional)	3G: WCDMA/CDMA, LTE: HSPA+/CDMA(North America, EU)
GNSS	GPS, GLONASS, A-GPS. *A-GPS only available when the 3G module is enabled.
BCR (optional)	1D Scanner support CMOS engine, 2D Scanner support LED engine
RFID	HF RFID based on 13.56MHz compatible with NFC
Camera	2 MP front camera, 8 MP auto-focus rear camera with flash
Sensors	Built-in Light Sensor, G-Sensor, 3-axis digital gyroscope & E-compass
OS	Built-in vibration feedback Windows 10 IOT Enterprise / Android 5.1

### Environmental

Operating Temperature	-20°C to 55°C
Storage Temperature	-55°C to 70°C
Humidity	50°C; 5% ~ 90%RH; 120 hours
Vibration	Meet Mil Std 810G-514.6, Procedure I
Drop	Mil-STD-810G-516.6, Procedure IV
Water & Dust Proof	IP65
ESD	Air +/- 8KV , Contact +/- 4KV
EMI/Safety	UL: UL60950-1, CE/LVD: EN60950-1, FCC, CE

### Mechanical

Color	Black
Dimension (W x H x D)	136.6mm x 219mm x 21mm
Gross Weight	570g

### Power Supply

AC/DC Adapter	AC input 100V-240V, 50Hz-60Hz; DC output: 12V, 2A
Battery	Hotswappable Lithium-Polymer high capacity vbattery, support up to 6-8hrs -External Battery: 7.4V 1530mAH -Internal Battery: 7.4V 1530mAH

### LCD

Display	7" TFT-LCD / 16:9
Resolution	1280 x 800 Pixels
Brightness	400 nits
Viewing angle	Vertical/ Horizontal 178°

### Touch Screen

Touch Screen	Projected Capacitive Multi-Touch panel
Light Transmission	≥ 87%

### Optional

RealSense	Intel® RealSense™ 3D camera
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