

# RTC-700C

X86-based 7" Windows® 8 Rugged Tablet with 5-point Pcap Touch & WiFi/ BT/ GPS/ NFC/ (3G or LTE)



## Features

- Intel® Atom™ Z2760 1.8GHz Dual Core Processor
- 7" (1280 x 800) 16:10 TFT LCD Display
- Anti-scratch with 5 Points Multi-touch Screen
- Sunlight Readable (Optional)
- Long Battery Life (Up To 8 Hours)
- WiFi 802.11 a/b/g/n, Bluetooth v4.0, NFC/RFID (HF)
- 3G/LTE (Optional)
- GPS/Glonass Navigation
- G-sensor, E-compass, Gyros, Vibrator Sensor
- MIL-STD-810G & IP65 Rating
- Windows 8, Windows 8.1
- Barcode Scanner 1D/2D (Optional); Magnetic Stripe Reader, MSR (Optional); Smart Card Reader, SCR (Optional); Docking (Optional)



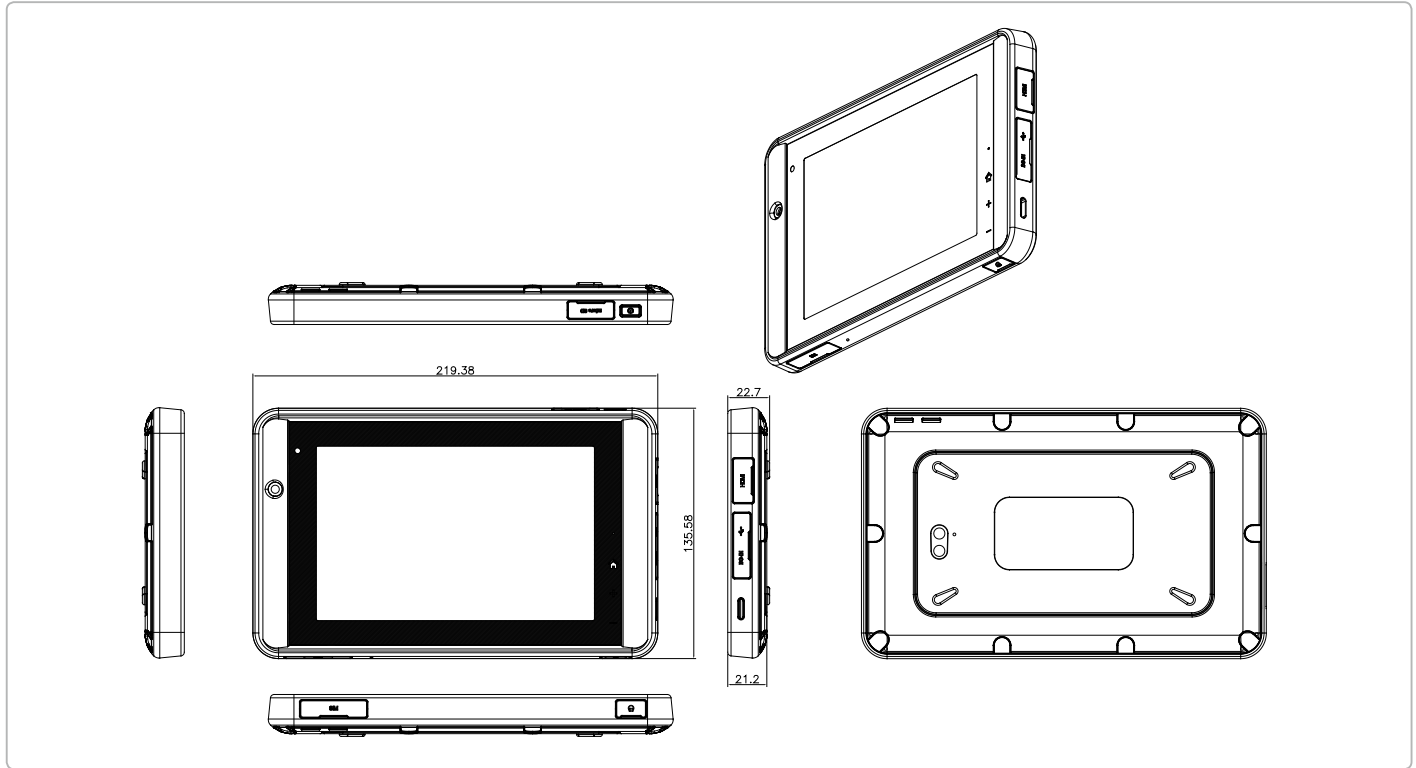
## Specifications

System	
Processor	Intel® Atom™ Z2760 1.8GHz Dual Core Processor (Clover Trail Platform)
Chipset	—
System Memory	2GB LPDDR2-800MHz
LCD Display	7" TFT-LCD (1280 x 800)/ 16:10
Communication	Bluetooth v4.0, Wi-Fi (802.11 a/b/g/n), NFC/RFID (13.56MHz), 3G (Optional) 4G/LTE (Optional)
I/O Port	DC-in jack x 1, MicroSD Card x 1, SIM card slot x 1, Mini HDIM port x 1 Mini USB x 1, Built-in Speaker & Microphone x 1, 3.5mm stereo headphone jack x 1
Storage	64GB eMMC 4.4.1 (Default), 32GB MLC mSATA SSD (Optional), 128GB MLC mSATA SSD (Optional)
Navigation	GPS+Glonass receiver - Hot start<=3sec - Warm start<=30sec - Cold start<=45sec
Camera	Front-facing: 2MP, 720p Rear-facing: 8MP, 1080p HD, auto-focus with flash
Sensor	G-sensor (Accelerometer), Compass, Gyro-sensor, Magnetometer, Ambient light (Light-sensor), MEMS pressure sensor, Vibration Sensor
OS	Windows® Embedded 8 Standard (Default) Windows® Embedded 8.1 Industry Pro (Optional) Windows® Embedded 8.1 Industry Retail (Optional)
Mechanical	
Color	Black
Dimension	8.64" x 5.34" x 0.89" (219.38mm x 135.58mm x 22.7mm)
Gross Weight	1.5 lb (0.68 Kg)
Carton Dimension	—
Environmental	
Operating Temperature	-9.4°F ~ 131°F (-23°C ~ 55°C)
Storage Temperature	-67°F ~ 158°F (-55°C ~ 70°C)
Operating Humidity	50°C; 5% ~ 90%R/H; 120 hours
Water & Dust Proof	IP-65
Vibration	ASTM 4169-99 Truck Assurance Level II, Schedule E
Drop	MIL-STD-810G Method 516.6 Procedure IV - Height of Drop: 122cm (48 inch; 4ft) - Number of Drop: 26 times - Floor: Two-inch plywood backed by concrete - For all surfaces, edges and corners
ESD	Air charge: +/- 8KV Contact charge: +/- 4KV
EMC/ Safety	UL: UL60950-1 CE/LVD: EN60950-1

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## Dimension

Unit: mm



Power Supply	
AC/ DC Adapter	100~240V; 12V/2A DC input
Battery	3700mAh; 7.4V (2series 1 parallel; 27.38Wh)
LCD	
Display Type	7" TFT-LCD / 16:10
Max. Resolution	1280 x 800 pixel
Max. Color	16.7M
Dot Size	0.117(W) x 0.117(H)
Luminance	350 nits; 650nits (Sunlight readable; Optional)
View Angle	Horizontal: 178° (Typ.) Vertical: 178° (Typ.)
Touch Screen	
Type	Projected capacitive multi-touch screen (PCT)
Light Transmission	Min 87% (ASTM D1003; Wavelength = 550nm)

## Packing List

- 1255300241 Power Adapter
- 1702031830 Power Cable (US Type)
- Product CD
- RTC-700C

## Optional Accessories

- 1700050159 USB OTG Cable
- 1700191501 HDMI Cable
- AP-PS1757402101 Vehicle DC/DC Adaptor
- AP-0T9789666663 Vehicle Dock (Non-Chargeable)
- 219700C001 Carry Bag w/ Shoulder Belt

## Ordering Information

Part Number	CPU	LCD Display	Touch Screen	System Memory	Storage	OS	WiFi	Bluetooth	3G Bands (MHz)	GPS	Sensor	Camera	Display	USB	Expansion	SIM Card	Mounting	Power	Operating Temp.	Sunlight Readable
RTC-700C-TA-WBG-0101	Intel® Atom™ Z2760 1.86GHz Dual Core Processor	7" TFT-LCD (1280 x 800)	Projected capacitive multi-touch screen (PCT)	2GB LPDDR2-800MHz	64GB eMMC 4.4.1	WES 8	802.11 a/b/g/n	v4.0	800/900/1900	GPS/ Glonass	1. Accelerometer (G-sensor), 2. Compass, 3. Gyro-sensor, 4. Magnetometer, 5. Ambient light (Light sensor); 6. Vibration sensor 7. MEMS pressure sensor (Altimeter sensor)	1. Front-facing: 2MP, 720p 2. Rear-facing: 8MP, 1080p HD, auto-focus with flash	16:10	Mini USB x 1	1. mini HDMI x 1 2. Micro SD card Slot x 1	1	—	12V/2A	-23°C ~ 55 °C	—
RTC-700C-TA-WBGH-0101	Intel® Atom™ Z2760 1.86GHz Dual Core Processor	7" TFT-LCD (1280 x 800)	Projected capacitive multi-touch screen (PCT)	2GB LPDDR2-800MHz	64GB eMMC 4.4.1	WES 8	802.11 a/b/g/n	v4.0	800/900/1900	GPS/ Glonass	1. Accelerometer (G-sensor), 2. Compass, 3. Gyro-sensor, 4. Magnetometer, 5. Ambient light (Light sensor); 6. Vibration sensor 7. MEMS pressure sensor (Altimeter sensor)	1. Front-facing: 2MP, 720p 2. Rear-facing: 8MP, 1080p HD, auto-focus with flash	16:10	Mini USB x 1	1. mini HDMI x 1 2. Micro SD card Slot x 1	1	—	12V/2A	-23°C ~ 55 °C	—