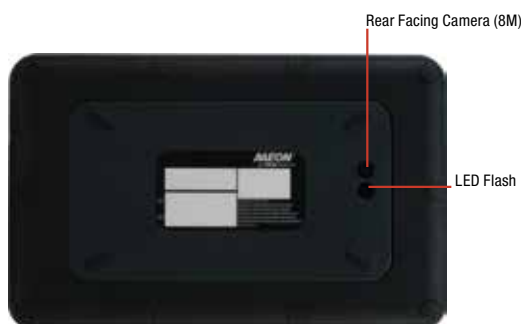


# RTC-700C

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
- Expansion Peripheral (Optional):  
1D/2D Barcode Scanne, Magnetic Stripe Reader(MSR), Smart Card Reader(SCR), Docking



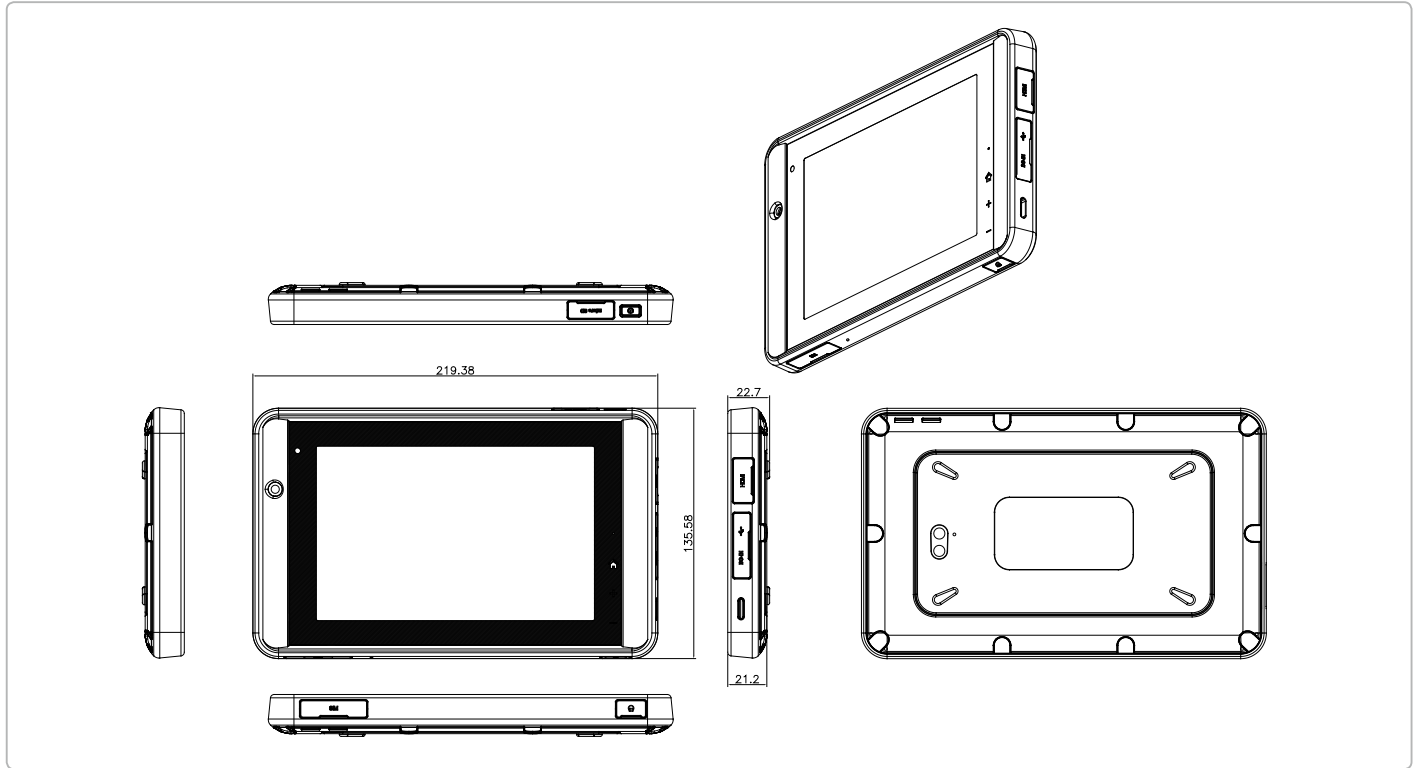
## Specifications

| System                |                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor             | Intel® Atom™ Z2760 1.8GHz Dual Core Processor                                                                                                                                                           |
| 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 slot x 1, SIM card slot x 1, miniHDMI port x 1, miniUSB port x 1, Built-in speaker & Microphone x 1, 3.5mm stereo headphone jack x 1                                       |
| Storage               | 64GB eMMC 4.4.1 (Default), Extra 32GB miniDOM MLC (Optional)                                                                                                                                            |
| Navigation            | GPS, Glonass                                                                                                                                                                                            |
| Camera                | Front-facing: 2MP, 720p<br>Rear-facing: 8MP, 1080p HD, auto-focus with flash                                                                                                                            |
| Sensor                | G-sensor, E-Compass, Gyroscope, Light-sensor, MEMS pressure sensor, Vibration sensor                                                                                                                    |
| OS                    | Windows® Embedded 8 Standard (Default)<br>Windows® Embedded 8.1 Industry Pro (Optional)<br>Windows® Embedded 8.1 Industry Retail (Optional)                                                             |
| Mechanical            |                                                                                                                                                                                                         |
| Color                 | Black                                                                                                                                                                                                   |
| Dimension             | 5.38" x 8.58" x 0.83" (136.6mm x 218mm x 21 mm)                                                                                                                                                         |
| Gross Weight          | 1.2 lb (0.57kg)                                                                                                                                                                                         |
| 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    | IP65                                                                                                                                                                                                    |
| Vibration             | ASTM 4169-99 Truck Assurance Level II, Schedule E                                                                                                                                                       |
| Drop                  | MIL-STD-810G Method 516.6 Procedure IV<br>- Height of Drop: 122cm (48 inch; 4ft)<br>- Number of Drop: 26 times<br>- Floor: Two-inch plywood backed by concrete<br>- For all surfaces, edges and corners |
| ESD                   | Air charge: +/- 8KV<br>Contact charge: +/- 4KV                                                                                                                                                          |
| EMC/ Safety           | UL: UL60950-1<br>CE/LVD: EN60950-1                                                                                                                                                                      |
| Power Supply          |                                                                                                                                                                                                         |
| AC/ DC Adapter        | 100~240V; 12V/2A DC input                                                                                                                                                                               |
| Battery               | 3700mAh; 7.4V (2series 1 parallel; 27.38Wh)                                                                                                                                                             |

# RTC-700C

## Dimension

Unit: mm



| 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; Sunlight Viewable (Default)<br>680 nits; Sunlight Readable (Optional) |
| View Angle         | Horizontal: 178° (Typ.)<br>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-OT9789666663 Vehicle Dock (Non-Chargeable)
- 219700C001 Carry Bag w/ Shoulder Belt
- 9789700A01 Portable Stand
- 9789700A02 Desktop Stand

## Ordering Information

| Part Number               | CPU                       | System Memory | OS                        | Storage   | Luminance                             | LCD Display             | Touch Screen | WiFi/ Bluetooth                      | 3G Bands (MHz)  | NFC (HF)                                                               | GPS          | Sensor                                                                                                                         | Camera                                                              | Battery                | Expansion I/O                                                             | Size                               | Weight | Operating Temp. | Environment       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------|---------------|---------------------------|-----------|---------------------------------------|-------------------------|--------------|--------------------------------------|-----------------|------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------|------------------------------------|--------|-----------------|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| RTC-700C-TA-WBG-0101      | Intel® Atom™ Z2760 1.8GHz | 2GB DDR3L     | WES8                      | 64GB eMMC | 400 nits (116.75FL) Sunlight Viewable | 7" TFT LCD (1280 x 800) | PCT 5-point  | WiFi (802.11 a/b/g/n) Bluetooth v4.0 | 850/ 1900/ 2100 | 13.56MHz (NFC-IP-1, ISO14443 TypeA/B, ISO15693, Felica, Mifare 1k, 4k) | GPS, Glonass | 1. G-sensor, 2. E-Compass, 3. Gyro-sensor, 4. Magnetometer, 5. Light sensor (ALS), 6. Vibration sensor 7. MEMS pressure sensor | 1. Front: 2M, 720p<br>2. Rear: 8M, 1080p with auto-focus with flash | 3700mAh 7.4V (27.38Wh) | miniHDMI x 1<br>miniUSB x 1<br>microSD Card slot x 1<br>SIM Card slot x 1 | 136.6mm x 218mm x 21mm (W x L x H) | 578g   | 22°C – 55°C     | MIL-STD-810G IP65 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RTC-700C-TA-WBG-1101      |                           |               | WEB.1 Industry Pro Retail |           |                                       |                         |              |                                      |                 |                                                                        |              |                                                                                                                                |                                                                     |                        |                                                                           |                                    |        |                 |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RTC-700C-TA-WBG-1201      |                           |               | WEB.1 Industry Pro        |           |                                       |                         |              |                                      |                 |                                                                        |              |                                                                                                                                |                                                                     |                        |                                                                           |                                    |        |                 |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RS-RTC-700C-TAS-WBG-0000  |                           |               | WES8                      |           | 680nits (198.47FL) Sunlight Readable  |                         |              |                                      |                 |                                                                        |              |                                                                                                                                |                                                                     |                        |                                                                           |                                    | 600g   |                 |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RTC-700C-TA-WBGH-0101     |                           |               | WES8                      |           | 400 nits (116.75FL) Sunlight Viewable |                         |              |                                      |                 |                                                                        |              |                                                                                                                                |                                                                     |                        |                                                                           |                                    |        |                 |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RTC-700C-TA-WBGH-1101     |                           |               | WEB.1 Industry Pro Retail |           |                                       |                         |              |                                      |                 |                                                                        |              |                                                                                                                                |                                                                     |                        |                                                                           |                                    |        |                 |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RTC-700C-TA-WBGH-1201     |                           |               | WEB.1 Industry Pro        |           |                                       |                         |              |                                      |                 |                                                                        |              |                                                                                                                                |                                                                     |                        |                                                                           |                                    |        |                 |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RS-RTC-700C-TAS-WBGH-0000 |                           |               | WES8                      |           | 680nits (198.47FL) Sunlight Readable  |                         |              |                                      |                 |                                                                        |              |                                                                                                                                |                                                                     |                        |                                                                           |                                    | 630g   |                 |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |