

















Industrial Mobile Computer



Introduction

Intelligent technology is perhaps one of the trendiest topics in the current IT world. And as technologies continue to mature, more and more applications become candidates for getting an "intelligent" facelift, while existing ones build on their offerings for more sophisticated features that were once deemed "impossible" to accomplish.

Mobile Computing has come a long way since the invention of the first portable computer and with the introduction of 3G and 4G networks in the 21st century, it has gained much prominence in almost every aspect of our lives. As their deployment expands, the tasks of making them conducive for outdoor use and reinforcing them to withstand the harshest environments, such as battlefields, warehouses and in-vehicle applications, it becomes imminent, the ushering in of "Industrial Mobile Computing".

Telemedicine





Hospitality





Parking Management





Home Automation





e-Ticketing

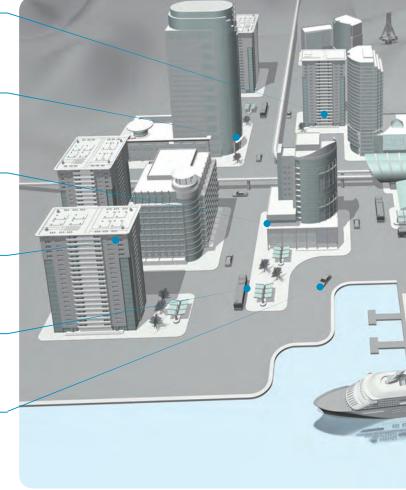




Fleet Management

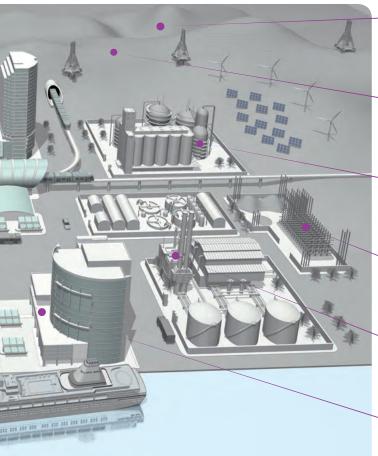


















Heavy-duty Machinery





Factory Automation





Construction





Field Inspection

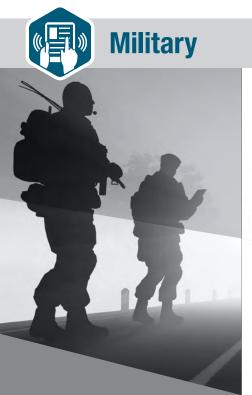




Logistic/Warehouse Management







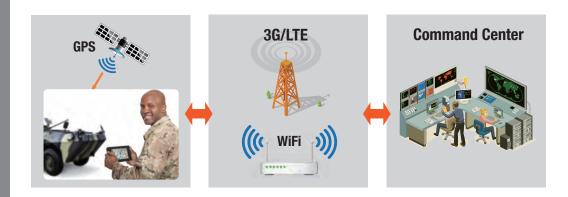
- IP65-rated
- MIL-STD-810G-compliant
- Sunlight readable screens
- Excellent wireless communications
- Long battery life
- Lightweight



With MIL-STD-810G-compliant, IP65-rated enclosures, the sturdy RTC-1000i, RTC-900 and RTC-700 rugged tablet series deliver the strength and durability needed for rough handlings in these hostile environments. Its sunlight readable, Gorilla Glass screens, ranging from 7" to 10.2", provide the perfect display solution out in the field.

from urban areas to the desert, calling for a new class of ruggedly built mobile computing systems.

In addition, with various communication features such as GPS, WiFi, Bluetooth, and 3G/4G, these tablets are ideally suited for real-time command and control applications.



Field Inspection



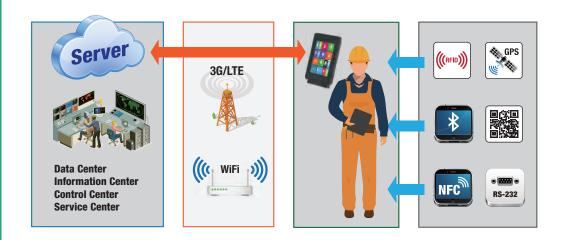
Requirements

- Sunlight readable screens
- Vibration/ water-resistant
- Excellent wireless communications
- Long battery life

One of the tasks that benefit greatly from the advent of mobile computing and telecommunication technologies is field inspection, a nearly outdoor-exclusive task.

Commonly deployed for field work, the RTC-600 and RTC-700 rugged tablet series offer all-important sunlight readable screens, enabling contents to be read even under the brightest sun conditions. The enclosures are also rated IP65 to ensure that dust, sand and water, elements most commonly encountered during field work, do not intrude and damage the devices.

These Industrial grade tablets include features such as E-compass, GPS and 3G/4G connectivity, so that orientation can be quickly identified for both positioning and land surveying purposes. In addition, the device's 5MP camera further supports photographic and video capabilities for high-resolution data capture.







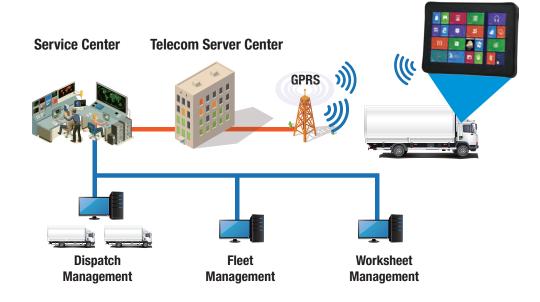
- Sunlight readable screens
- Vibration resistant
- Excellent wireless communications
- Voltage-tolerant for vehicle electrical supply



Today, as computing intelligence migrates into the in-vehicle space, it is vital for hardware to adapt to the ever-changing in-vehicle conditions to promote better routing for the fleets utilizing these computer systems.

MIL-STD-810G-compliant, the RTC-700 and RTC-900 rugged tablet series are built sturdy to withstand shock and vibration during any road trip condition. They are also equipped with a wide array of wireless technologies, such as 3G/4G, WiFi, Bluetooth® and GPS, for instantaneous communications and positioning, allowing real-time management of fleets and re-routing of vehicles by the control center. Drivers can also upload and retrieve information pertaining to their tasks, on the fly.







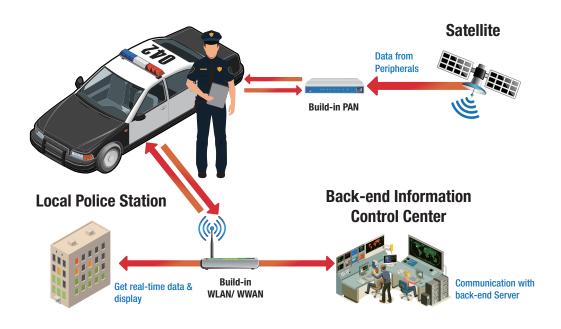
- Sunlight readable screens
- · Vibration/ water resistant
- Excellent wireless communications
- Long battery life
- Lightweight



Keeping a city free of crime is the duty of every law enforcement agency. To accomplish this, not only do these agencies need a strong team of officers and law enforcement personnel, but also an equally tough set of hardware solutions.

The RTC-600, RTC-700 and RTC-900 rugged tablet series feature many rugged characteristics for common deployment and strength against adverse weather and rough handling, including sunlight readable displays, Gorilla Glass screens ranging from 5.7" to 10.1", IP65 rated enclosures and swappable batteries capable of lasting up to 8 hours.

In addition, with WiFi, 3G/4G, Bluetooth® and GPS capabilities, wireless communication with police headquarters can easily be established for instant data transfer, vehicle positioning, expediting critical investigations and daily law enforcement.







Heavy Machinery





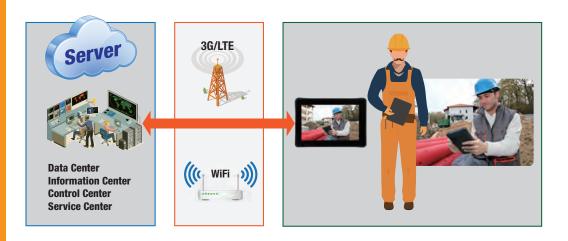
- Sunlight readable screens
- Vibration/ water resistant
- Excellent wireless communications
- Long battery life
- Lightweight
- Mechanical control



For applications associated with heavy machinery, such as excavators and farming equipment, more than ruggedness, mobile devices need functions and intricacies that provide a complete solution to problems commonly associated with such machinery.

Equipped with IP54 and IP65-rated enclosures, the RTC-1000i, RTC-900 and RTC-700 rugged tablet series are well-protected against sand, dust and water, elements prevalent in construction sites where most heavy equipment is deployed. Touchscreens in sizes ranging from 7" to 10.2" with AOTTM (Advanced Optibond Technology) and sunlight readable technology offer improved display under extreme lighting conditions. A variety of wireless options (3G/ 4G/ WiFi/ Bluetooth®/ GPS) are also available for instantaneous communications.

For the RTC-1000i series, mechanical controls are also featured with programmable buttons and a stylus, allowing users with gloves or other protective garments on to operate the device without removing them.





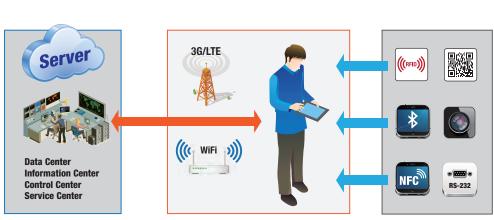
- Vibration/ water resistant
- Excellent wireless communications
- Long battery life
- Lightweight
- Accessories for expanded functionalities

Keeping a warehouse organized is no easy task. But with the introduction of information and mobile technologies, integrating tablets with computer systems for real-time data capture is now nothing more than a few taps on a screen.

Built to withstand dusty warehouse environments, the RTC-600 and RTC-700 rugged tablet series utilize IP65-rated enclosures that prevent both solid and liquid intrusion. In addition, they are MIL-STD-810G-compliant for resistance against shock and vibration, providing protection against accidental drops and other mishandlings.

The tablets are further supported with a variety of accessories ideally suited for managing inventories, such as barcode scanners for instant information retrieval. The tablets also incorporate built-in high resolution cameras for visual identification, when required. Captured information can then be sent wirelessly via WiFi, 3G/4G, GPS and Bluetooth® to the control center for further processing.









- Accelerates service time
- Sunlight readable screens
- Customizable apps for menus, communications, etc
- Vibration/ water resistant
- Excellent wireless communications
- Lightweight
- Accessories for expanded functionalities



weight, level of ruggedness, long-term usability and battery life of a mobile device meet certain requirements in order to be qualified for POS usage applications.

Weighing in at no more than 0.6kg, the RTC-700 rugged tablet series equips a sunlight readable 5.7" Gorilla Glass screen to prepare it for all lighting conditions and rough handling, while its IP65-rated enclosure protects it from intrusion of small foreign objects or agents, likely to occur in restaurants and eateries.

The device is also designed with a swappable battery and an external docking station, increasing battery life and mobility. In addition, along with wireless connectivity, there are a variety of accessories, including a barcode scanner and a magnetic stripe reader for expanded applications.







- Sunlight readable screens
- Vibration resistant
- Excellent wireless Communications
- Long battery life
- Lightweight
- Accessories for expanded functionalities

From train conductors to police officers, the issuing and checking of tickets are no longer a tedious and manual affair. Using mobile technology, these tasks have become faster and easier while greatly reducing room for error.

E-Ticketing

Built for ruggedness and mobility, the lightweight RTC-600 and RTC-700 tablet series equip 5.7" and 7" Gorilla Glass touchscreens respectively and IP65-rated enclosures that prepare and protect the devices from rough handling and foreign object intrusion. Furthermore, all devices are MIL-STD-810G compliant for protection against vibration-prone environments, such as in-vehicle applications.

With support for WiFi, 3G/4G, GPS and Bluetooth®, instant data upload and retrieval, paramount in train conductor and police work, is possible. The devices are also compatible with a variety of optional accessories, such as docking stations and barcode readers to further enhance its functionality. For example, train tickets can be checked in a matter of seconds via barcode scanner.







Featured Products

RTC-600A

RISC-based 5.7" Rugged Tablet Computer

- TI OMAP4470 1.5GHz Processor
- LP DDR2 1GB SDRAM
- 5.7" HD (1280 x 720) TFT LCD Display
- · Projected Capacitive Multi-Touch Panel
- WiFi 802.11 a/b/g/n, Bluetooth® 3.0 + EDR
- Dual Li-Polymer High-Capacity Batteries, 8 to 10 hours battery life
- IP65-rated Enclosure
- 3G/LTE, RFID/NFC, 1D/2D Scanner modules
- · G-sensor, Light Sensor, E-Compass
- · High Accuracy GPS/GLONASS module
- Android[™] 4.2
- · Optional Sunlight Readable Screen
- Optional accessories: Magnetic Stripe Reader, Smart Card Reader, Docking Station



RTC-700T

Windows-based 7" x86 Rugged **Tablet Computer**

- Intel® Atom™ Z670 Processor
- DDR2 1GR SDRAM
- 7" WVGA (1024 x 600) TFT LCD Display
- · Projected Capacitive Multi-Touch Screen
- WiFi 802.11 b/g/n , Bluetooth® 2.1 + EDR
- Li-Polymer High-Capacity Battery, 2~3 hours battery life
- MIL-STD-810G-compliant, IP65-rated Enclosure
- Micro SD Card Slot
- · GPS Navigation, G-Sensor, Light Sensor
- Windows® 7, Windows® Embedded Standard 7
- Optional Docking Station



RTC-700A

RISC-based 7" Rugged Tablet Computer



- NVIDIA® TEGRA™ 2 1.0 GHz Dual Core Processor
- DDR2 1GB SDRAM
- 7" WXGA (1280 x 800) TFT LCD Display
- WiFi 802.11 a/b/g/n, Bluetooth® 2.1+ EDR/ 4.0, Optional 3G/ LTE, Optional NFC/ RFID
- Projected Capacitive Gorilla Glass Multi-Touch Panel
- Li-Polymer High-Capacity Battery, 8 hours battery life
- IP65-rated Enclosure
- . Micro SD Card Slot, 5M Pixel Camera
- . G-Sensor, Light Sensor, E-compass, GPS Navigation
- Android 3.2/4.0
- Optional Sunlight Readable Screen
- Optional Accessories: 1D/2D Barcode Scanner, Magnetic Stripe Reader, Smart Card Reader, **Docking Station**

RTC-700C

Windows-based 7" x86 **Rugged Tablet Computer**



- Intel® Atom™ Z2760 1.8GHz Dual Core Processor
- LPDDR2-800MHz, 2GB
- Anti-scratch 7" (1280 x 800) TFT LCD Display
- 5 Points Multi-touch Screen
- WiFi 802.11 a/b/g/n, Bluetooth v4.0, NFC/RFID (HF), 3G (Optional), GPS/Glonass Navigation
- . Long Battery Life (Up to 8 hours battery life)
- MIL-STD-810G-compliant, IP65-rated Enclosure
- . G-sensor, E-compass, Gyros, Vibrator Sensor
- Windows® 8.1
- Optional Sunlight Readable Screen
- Optional Accessory: 1D/2D Barcode Scanner, Magnetic Stripe Reader, Smart Card Reader, **Docking Station**

RTC-900R

RISC-based 10" **Rugged Tablet** Computer



RTC-900B

Windows-based 10" x86 Rugged **Tablet Computer**



RTC-1000i

10.2" Rugged Tablet Computer



- NVIDIA TEGRA 2 1.0 GHz Dual Core Processor
- LP DDR2 1GB
- 10.1" WXGA (1280 x 800) TFT LCD Display
- Projected Capacitive Multi-Touch Panel
- WiFi 802.11 b/g/n, Bluetooth® 2.1 + EDR
- · Li-Ion High Capacity Battery, 10 hours battery life
- IP65-rated Enclosure
- Micro SD Card Slot, 5M Pixel Rear Camera, 1.2M Pixel Front Camera
- · G-Sensor, Light Sensor, E-compass, GPS Navigation
- Android 4.0

- Intel® Atom™ 1.33 GHz Dual Core Processor
- DDR3L 1066 4GB, up to 8GB
- 10.1" WXGA (1280 x 800) TFT LCD Display
- Projected Capacitive Multi-Touch Panel
- WiFi 802.11 a/b/g/n , Bluetooth® 4.0
- · Li-ion high- Capacity battery, 7 hours battery life
- IP65-rated Enclosure
- Micro SD Card Slot, 5M Pixel Rear Camera, 2M Pixel Front Camera
- · G-Sensor, Light Sensor, E-compass, GPS Navigation
- Windows® Industrial Pro 8.1

- Intel® Core™ i7-620UE 1.06GHz Processor
- DDR3 2GB
- Touch Screen with Advanced Optibond Technology (AOT™)
- WiFi 802.11 b/g + Bluetooth® 2.0
- . 9-Cell Smart Li-Ion High-Capacity Battery, 5 hours battery life, IP54-rated Enclosure
- PCMCIA or Smart Card, CompactFlash™ Card or SD Card Sockets
- G-Sensor
- Numeric Keypad, Programmable Function Keys
- Optional 10.2" 1024 x 600 500-nit TFT LCD Sunlight Readable Display
- Optional SODIMM Socket x 1 (Up To 6GB)
- Optional GSM/ 3G/ 3.5G, GPS module







Fully-Rugged Design



Water Resistant

- IEC 60529
- IPx5 standard



Drop Test

MIL-STD-810G Method 516.6
 Procedure IV



Dust Proof

- IEC 60529
- IP6x standard



Vibration Test

- MIL-STD-810G 514.6 Procedure I Cat. 24, Fig. 514.6E-1 & 514.6E-2
- ASTM 4169-99 Truck Assurance Level II, Schedule E



Temperature Test

 MIL-STD-810G Method 501.5 Procedure I & II, Method 502.5 Procedure I & II, Method 503.5 Procedure I, Method 507.5 Procedure II

Outdoor Display Enhancement



Sunlight Readable LCD

- · Readable under sunlight
- Higher brightness solution
- AOT optical bonding



Ambient Light

- Power savings in dark environments
- Detects light and brightness



AOT™ (Advanced Optibond Technology)

- The best reflection reduction among any commercially available technology
- Reinforces the LCD display, making it much more rugged



Without AOT™ With AOT™

Built-in Versatile Sensors



GPS

BGA GPS single chip solution



G Sensor

Gravity sensor



E-compass

Electronic compass



Gyro Sensor

Electronic gyroscopes

Wireless Communication



3G/4G

HSPA+/UMTS/WCDMA



Bluetooth®

2.1/3.0/4.0



WiFi

a/b/g/n



NFC

■ 13.56MHz



RFID

■ 13.56MHz







Accessories

RTC-600 Series:

RDS-1210

 Desktop/Vehicle docking station



DRS-0040

4-bay Charger



Mobile and Fully Rugged Designs

- MIL-STD-810G Standard
- IP65 Compliance
- Integrate Multi-RF Solution
 - WiFi
 - Bluetooth
 - GPS
 - 3G/4G LTE
 - NFC
- Long Battery Life
- Outdoor Application (High Brightness LCD)
- Mobile Platform Designed for Tablets
- Intel with Microsoft Platform
- ARM Base with Android platform

Integrated Accessory Options

- Magnetic Stripe Reader (MSR)
- 1D/2D Barcode Reader
- Smart Card Reader (Common Access Card)
- Docking Station







RTC-700 & RTC-900 Series:

RDS-0310

- Desktop docking station
- 12V DC InputUSB 2.0 x 4
- RJ-45 x 1
- Micro HDMI x 1
- RS-232 x 1
- Power Indicator

Car Mount



USB OTG Cable



Mini-USB to USB Cable



Vehicle DC/DC Adapter

- Input: 12 ~ 24V
- Output: DC 12V, Max. 1.8A



Tablet Bag



RTC-1000 Series:

GPS Kit

- 16 Channels GPS Correlator
- Baud Rate 57.6 (K Baud), Auto Enabled
- Supports NMEA, UBX Binary and RTCM Protocol



Desktop/ wall-mountable docking station

- USB2.0 x 4
- 10/100Base-TX Ethernet x 1
- COM x 1, VGA x 1
- VESA 75 Wallmount



- GSM, GPRS, EDGE
- WCDMA/ HSDPA/ HSUPA



Vehicle Adapter

- DC 11~27V Input
- DC 20V Output
- 3.6A, 72W



Tablet Bag



Customized Services

- Longevity Support
- ODM Services
- Small QTY MOQ

Accessory Part Numbers

| Item | Туре | Product | AAEON P/N | Description | RTC-700A | RTC-700T | RTC-700C | RTC-900R | RTC-900B | RTC-1000I |
|------|--------------------------------------|---------------|------------------|--|----------|----------|----------|----------|----------|-----------|
| 1 | DC-DC Adaptor | RTC-700x/900x | AP-PS1757402101 | Car Adaptor, DC/DC, 12–24V/ 12V, 2.7A/ 1.8A, 21.6W, Black, AOEM, C11A-1215CDO-C2.VO.1 [Standard] | • | • | • | • | • | _ |
| 2 | DC-DC Adaptor | RTC-1000x | 1757407201 | DC to DC Car Adapter, 12-27V input, 20V output, 72W | _ | _ | _ | _ | _ | • |
| 3 | USB OTG Cable | RTC-700C/T | 1700050159 | USB OTG Cable (Host to Device) | • | • | • | _ | • | _ |
| 4 | USB OTG Cable | RTC-700A | 1700050156 | USB OTG Cable (Host to Device) | • | • | • | - | • | _ |
| 5 | USB OTG Cable | RTC-700A | 1700051000 | USB Cable (Client to PC) | • | • | • | _ | • | _ |
| 6 | Carry Bag | RTC-700C | 219700C001 | (TF)Carry Bag, RTC-700C, Dawin, Leather, Black | _ | _ | • | _ | _ | _ |
| 7 | Carry Bag | RTC-700T | 219700T001 | (TF)Carry Bag, RTC-700T, Dawin, Leather, Black | _ | • | _ | _ | _ | _ |
| 8 | Carry Bag | RTC-700A | 2192619062 | Carry Bag w/ Shoulder Belt | • | _ | _ | _ | _ | _ |
| 9 | Carry Bag | RTC-1000I | 2192619061 | Carry Case, for RTC-1000, Black | _ | _ | _ | _ | _ | • |
| 10 | Carry Bag | RTC-900 | AP-0T2169202168 | RTC-900R Carry Bag | _ | _ | _ | • | • | _ |
| 11 | Car Mount | RTC-700x/900x | AP-0T9789666663 | Car Mount, For RTC-700R & RTC-700T | • | • | • | • | • | _ |
| 12 | Office Docking Station | RTC-1000I | TF-RDS-141V-0000 | Docking Station, w/ Stand | _ | _ | _ | _ | _ | • |
| 13 | Vehicle Docking Station | RTC-1000I | TF-RDS-141V-0002 | Docking Station, w/o Stand | _ | _ | _ | _ | _ | • |
| 14 | Office Docking Station (Vehicle OPT) | RTC-700X | TF-RDS-0310-0000 | Docking Station, w/Stand ,COM x 1, USB x 4, LAN x 1, For RTC-700 Series | _ | _ | • | _ | - | _ |
| 15 | Office Docking Station (Vehicle OPT) | RTC-700X | TF-RDS-0310-0001 | Docking Station, w/Stand, COM x 1, USB x 4, LAN x 1, HDMI x 1, For RTC-700 Series | • | _ | • | _ | _ | _ |
| 16 | Office Docking Station | RTC-900B | TF-RDS-0310-0002 | Docking Station, w/Stand, COM x 1, USB x 4, LAN x 1, HDMI x 1, For RTC-900 Series | _ | _ | _ | _ | • | _ |

Ordering Information



RTC-600A

| Part Number | CPU | LCD Display | Touch Screen | System Memory | Storage | 0S | WiFi/ Bluetooth | 3G Bands(MHz) | Navigation | Sensor | Camera | Battery | Expansion I/O | Size | Weight | Operation Temp | Durable | NFC (HF RFID) | 2D Barcode Scanner |
|------------------------|------------------------|----------------|------------------|------------------|-----------------|----------------|---------------------------------|---------------|------------|---|--------|--|--|-------------------------------------|--------|-------------------|--|------------------|-----------------------|
| RTC-600A-TA-WBGH-5000 | | | | | | | | 850/1900/2100 | GPS/AGPS | | | Single Battery 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1, SIM Card x 1 | | | | | _ | _ |
| RTC-600A-TA-WBG-5000 | | | | | | | | _ | GPS | | | Single Battery 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1 | | | | | _ | _ |
| RTC-600A-TA-WBGH-5001 | | | | | | | | 850/1900/2100 | GPS/AGPS | | | Single Battery 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1, SIM Card x 1 | | | | | _ | YES |
| RTC-600A-TA-WBG-5001 | | | | | | | | _ | GPS | | | Single Battery 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1 | | | | | _ | YES |
| RTC-600A-TA-WBGH-5100 | | | | | | | | 850/1900/2100 | GPS/AGPS | Light Sensor x 1 | | Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1, SIM Card x 1 | | | | Meet IEC 60529 IP65 standard Mil Std 810G-516.6, Procedure IV | _ | _ |
| RTC-600A-TA-WBG-5100 | OMAP 4470 1.5GHz | 5.7" | Pcap 10-point | LPDDR2 1GB | 16GB eMMC Flash | Android 4.2 | 802.11 a/b/g/n + BT3.0 + EDR | _ | GPS | G Sensor x 1 3-axis digital groscopex 1 | 5MP | Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1 | L 186.6 x W 100.6 x H 22.3 mm | 430g | -20°C 50°C | Mil Std 810G-514.6, Procedure I 26 drops of 48" height to 2" plywood over concrete with bumpers & unit off | _ | _ |
| RTC-600A-TA-WBGH-5101 | | | | | | | | 850/1900/2100 | GPS/AGPS | Vibratorx1 | | Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1, SIM Card x 1 | | | | 2 units to pass | _ | YES |
| RTC-600A-TA-WBG-5101 | | | | | | | | _ | GPS | | | Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1 | | | | | _ | YES |
| RTC-600A-TA-WBGHR-5001 | | | | | | | | 850/1900/2100 | GPS/AGPS | | | Single Battery 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1 | | | | | YES | YES |
| RTC-600A-TA-WBGHR-5101 | | | | | | | | 850/1900/2100 | GPS/AGPS | | | Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh | MicroHDMI x 1, MicroUSB x 1, Micro SD x 1 | | | | | YES | YES |

RTC-700A

| Part Number | CPU | LCD Display | Touch Screen | System Memory | Storage | 0S | WiFi/ Bluetooth | 3G Bands (MHz) | Navigation | Sensor | Camera | Battery | Expansion I/O | Size | Weight | Operation Temp | Durable | NFC (HF RFID) | | Sunlight Readable | MSR | SCR | Docking |
|---------------------------|-------------|----------------|-----------------|------------------|--------------|---------|--------------------|-------------------|-------------------|----------------------------------|-----------------|----------------|--|------------------------------|--------|-------------------|--|---|-----|----------------------|-------|--------------|---------|
| RTC-700A-TA-WBGH-2110 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGP | | | | MiniHDMI x 1, MiniUSB x 1, | L219.4 x W135.58 x H 21.2 mm | 608g | | | _ | _ | _ | — | - | _ |
| RTC-700A-TA-WBG-2110 | | | | | | | | _ | GPS | | | | micro SD x 1, SIM Card x 1 | L219.4 x W135.58 x H 21.2 mm | 578g | | | | | | | $-\parallel$ | _ |
| TF-RTC-700A-TA-WBGH-2810 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS | | | | MiniHDMI x 1, MiniUSB x 1, micro SD x 1, SIM Card x 2 | L219.4 x W135.58 x H 21.2 mm | 650g | | Meet IEC 60529 IP65 standard Mil Std 810G- 516.6. | NFC-IP-1 ISO14443 TypeA/B ISO15693 Felica MiFare 1k, 4k | _ | _ | _ | - | _ |
| TF-RTC-700A-TA-WBGH-1110 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS | | | | MiniHDMI x 1. MiniUSB x 1. | L219.4 x W135.58 x H 21.2 mm | 608g | | Procedure IV | | _ | _ | _ | _ | _ |
| TF-RTC-700A-TA-WBG-1110 | | | | | | | | _ | GPS | | | | micro SD x 1, SIM Card x 1 | L219.4 x W135.58 x H 21.2 mm | 578g | | 26 drops of | | _ | _ | - | _ | _ |
| TF-RTC-700A-TAS-WBGH-1111 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS | | | | MiniHDMI x 1, MiniUSB x 1, micro SD x 1, SIM Card x 2 | L219.4 x W135.58 x H 21.2 mm | 630g | | 48" height to 2" plywood over concrete with | _ | _ | 680nits | - | - | _ |
| TF-RTC-700A-TAS-WBG-1111 | TEGRA 2 1.0 | 7" TFT | Pcap | LPDDR2 1 | 16GB eMMC | Android | 802.11 b/g/n + | _ | GPS | Light Sensor x 1 G Sensor x 1 | Front: 1.2MP | 27 WHr 7.4V | MiniHDMI x 1, MiniUSB x 1, micro SD x 1, SIM Card x 3 | L219.4 x W135.58 x H 21.2 mm | 600g | -20°C | bumpers & unit | | _ | 680nits | - | - | _ |
| TF-RTC-700A-TA-WBGH-2328 | GHz | LCD | 10-point | GB | Flash | 4.0 | BT2.1 + EDR | 850/ 1900/ 2100 | GPS/ AGPS | 3-axis digital groscope x 1 | Back: | 3700 | | L219.4 x W135.58 x H 21.2 mm | 720g | 60 °C | 2 units to pass | | | | - | | _ |
| TF-RTC-700A-TA-WBG-2328 | | | | | 110011 | | | _ | GPS | Vibrator x 1 | 5MP | mAH | | L219.4 x W135.58 x H 21.2 mm | 670g | 00 0 | | | | | - | - | _ |
| TF-RTC-700A-TAD-WBGH-2328 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS | | | | | L219.4 x W135.58 x H 21.2 mm | | | | | | | | - | Yes |
| TF-RTC-700A-TAD-WBG-2328 | | | | | | | | _ | GPS | | | | | L219.4 x W135.58 x H 21.2 mm | | | | | | | _ | - | Yes |
| TF-RTC-700A-TAD-WBGH-2928 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS | | | | | L240 x W135.58 x H 21.2 mm | | | | NFC-IP-1 ISO14443 TypeA/B | | | | Yes | Yes |
| TF-RTC-700A-TAD-WBG-2928 | | | | | | | | | GPS | | | | MiniHDMI x 1, MiniUSB x 1, | L240 x W135.58 x H 21.2 mm | 745g | | | ISO15693 | Yes | _ | Yes | Yes | Yes |
| TF-RTC-700A-TA-WBGH-2928 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS | | | | micro SD x 1, SIM Card x 1 | L240 x W135.58 x H 21.2 mm | | | | Felica | | | | Yes | _ |
| TF-RTC-700A-TA-WBG-2928 | | | | | | | | | GPS | | | | | L240 x W135.58 x H 21.2 mm | 745g | | _ | MiFare 1k, 4k | | | Yes | Yes | |
| TF-RTC-700A-TAD-WBGH-2528 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS/Glonass | | | | | L240 x W135.58 x H 21.2 mm | | | | | | | | - | Yes |
| TF-RTC-700A-TAD-WBG-2528 | | | | | | | | | GPS/Glonass | | | | | L240 x W135.58 x H 21.2 mm | 745g | | | | | | | - | Yes |
| TF-RTC-700A-TA-WBGH-2528 | | | | | | | | 850/ 1900/ 2100 | GPS/ AGPS/Glonass | | | | | L240 x W135.58 x H 21.2 mm | | | | | | | | - | _ |
| TF-RTC-700A-TA-WBG-2528 | | | | | | | | _ | GPS/Glonass | | | | | L240 x W135.58 x H 21.2 mm | 745g | | | | | | I — I | - | - 1 |

RTC-700C

| Part Number | CPU | System Memory | os | Storage | Luminance | LCD Display | Touch Screen | WiFi/ Bluetooth | 3G Bands (MHz) | | GPS | Sensor | Camera | Battery | Expanssion I/O | Size | Weight | Operating Temp. | Enviroment | 2D Barcode Scanner |
|-----------------------|---------------------------|------------------|---------------------------|--------------|------------------------|----------------|-----------------|-----------------------|--------------------|---------------------------------|----------|---|----------------------------|------------|---------------------------------|--------------------------------------|--------|--------------------|----------------------|-----------------------|
| RTC-700C-TA-WBG-1201 | | | WE8.1 Industry Pro | | | | | | | | GPS/ | 1. G-sensor | | | | 136.6mm x 219mm x 21mm (W x L x H) | 578g | | | _ |
| RTC-700C-TA-WBG-1202 | Intel® Atom™ Processor | | WE8.1 Industry Pro | 1 | 400 nits | 7" TFT LCD | | WiFi (802.11 | _ | 13.56MHz (NFC-IP-1, | Glonass | 2. E-Compass 3. Gyro-sensor | 1. Front: 2M, 720p | 3700mA | miniHDMI x 1 miniUSB x 1 | 136.6mm x 219mm x 37.8mm (W x L x H) | 610g | | | Yes |
| RTC-700C-TA-WBGH-1101 | Z2760 (1M | 2GB LDDRII | WE8.1 Industry Pro Retail | 64GB eMMC | (116.75FL) Sunlaiht | (1280 x | PCT 5-point | a/b/g/n) Bluetooth | | ISO14443 TypeA/ B. ISO15693. | GPS/ | 4. Magnetometer | 2. Rear: 8M, 1080p with | 7.4V | microSD Card slot x 1 | 136.6mm x 219mm x 21mm (W x L x H) | 608g | -23°C ~ 55°C | MIL-STD-810G IP65 | _ |
| RTC-700C-TA-WBGH-1201 | Cache, 1.80 GHz) | | WE8.1 Industry Pro | 1 | Viewable | 800) | . , | v4.0 | 850/ 1900/ 2100 | F 11 A 417 | Glonass/ | Light sensor (ALS) Constant of the sensor (ALS) | auto-focus with | (27.38Whr) | SIM Card slot x 1 mPCI-e x 1 | 136.6mm x 219mm x 21mm (W x L x H) | 608g | | | _ |
| RTC-700C-TA-WBGH-1202 | | | WE8.1 Industry Pro | 1 | | | | | | IR,4R) | AGPS | 7. MEMS pressure sensor | lidali | | | 136.6mm x 219mm x 37.8mm (W x L x H) | 640g | | | Yes |

RTC-700T

| | Part Number | CPU | System Memory | 0S | Storage | LCD Display | Touch Screen | WiFi/ Bluetooth | 3G Bands (MHz) | Sensor | GPS | Camera | Battery | Expansion I/O | Size | Weight | Operation Temp | Durable | NFC (HF RFID) | Sunlight Readable |
|----|--------------------|--------------|------------------|-------------|---------|-----------------|-----------------|--------------------|-----------------|------------------|-----------|------------|-------------|----------------------------|-----------------------|--------|----------------|--------------|---------------|----------------------|
| T | -RTC-700T-WBG-1110 | Intel® Atom™ | DDR2 1GB | Windows® 7 | 40GB | 7" TFT LCD 1024 | 5 points | DT 01. EDD | _ | Light Sensor x 1 | GPS | Front: 2MP | 27WHr, 7.4V | MiniHDMI x 1, MiniUSB x 1, | 218 mm x 137mm x 26mm | 682g | -20°C ~ 50°C | MIL-STD-810G | _ | _ |
| TF | RTC-700T-WBGH-1110 | Z670 1.5GHz | DUNZ IGD | WIIIUUWS- 7 | 40GB | x 600 IPS | 5 points | DI Z.I+ EUN | 850/ 1900/ 2100 | G Sessor x 1 | GPS/ AGPS | Real: 5MP | 3700mAH | micro SD x 1, SIM Card x 1 | (L x W x H) | UOZY | -20 6 ~ 30 6 | IP 65 | _ | _ |

RTC-900 Series

| Part Number | CPU | LCD Display | Touch Screen | System Memory | 0S | WiFi | Bluetooth | 3G Band (MHz) | GPS | Sensor | Camera | Display | USB | Expansion | Smart Card | SIM Card | Power | Temp | Sunlight Readable |
|--------------------|------------------------------|---------------|---------------|-----------------|-------------|----------------|-----------|-----------------|-----------|---|---------------------------|----------------|-------------------|--------------|------------|----------|-------|--------------|-------------------|
| RTC-900R-WBG-1110 | TEGRA 2 1.0GHz | 10.1" TFT LCD | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | _ | GPS/ AGPS | Light Sensor x 1 | Front :1.2 MP, Real : 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | _ | 1 | 12 V | -20°C ~ 55°C | 350 nit |
| RTC-900R-WBGH-1110 | TEGRA 2 1.0GHz | 10.1" TFT LCD | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | 850/ 1900/ 2100 | GPS/ AGPS | G Sensor x 1 | Front :1.2 MP, Real : 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | _ | 1 | 12 V | -20°C ~ 55°C | 350 nit |
| RTC-900R-WBG-1210 | | | | 16GB eMMC Flash | | 802.11 b/g/n | | _ | | 3-axil digital groscope x 1 | Front :1.2 MP, Real : 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | _ | 1 | 12 V | -20°C ~ 55°C | 900 nit |
| RTC-900R-WBGH-1210 | TEGRA 2 1.0GHz | 10.1" TFT LCD | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | 850/ 1900/ 2100 | GPS/ AGPS | Vibrator x 1 | Front :1.2 MP, Real : 5MP | | | | _ | 1 | 12 V | -20°C ~ 55°C | 900 nit |
| RTC-900B-WBG-1110 | Atom E3825 Dual Core 1.33GHz | 10.1" TFT LCD | Pcap 10-point | 4GB DDR3L | | 802.11 a/b/g/n | | | GPS/ AGPS | | Front: 2 MP ,Real: 5MP | | | | _ | 1 | 12 V | -20°C ~ 55°C | 350 nit |
| | Atom E3825 Dual Core 1.33GHz | | | 4GB DDR3L | Windows 8.1 | 802.11 a/b/g/n | 4.0 + EDR | 850/ 1900/ 2100 | | | Front: 2 MP, Real: 5MP | Micro HDMI x 1 | Micro USB 3.0 x 1 | micro SD x 1 | _ | 1 | 12 V | -20°C ~ 55°C | 350 nit |
| RTC-900B-WBG-1210 | Atom E3825 Dual Core 1.33GHz | 10.1" TFT LCD | Pcap 10-point | 4GB DDR3L | Windows 8.1 | 802.11 a/b/g/n | 4.0 + EDR | - | GPS/ AGPS | Light Sensor x 1 | Front: 2 MP, Real: 5MP | Micro HDMI x 1 | Micro USB 3.0 x 1 | micro SD x 1 | _ | 1 | 12 V | -20°C ~ 55°C | 800 nit |
| RTC-900B-WBGH-1210 | Atom E3825 Dual Core 1.33GHz | 10.1" TFT LCD | Pcap 10-point | 4GB DDR3L | Windows 8.1 | 802.11 a/b/g/n | 4.0 + EDR | 850/ 1900/ 2100 | GPS/ AGPS | G Sensor x 1 3-axil digital groscope x 1 | Front: 2 MP, Real: 5MP | Micro HDMI x 1 | Micro USB 3.0 x 1 | micro SD x 1 | _ | 1 | 12 V | -20°C ~ 55°C | 800 nit |
| RTC-900B-WBG-1310 | Atom E3825 Dual Core 1.33GHz | 10.1" TFT LCD | Pcap 10-point | 4GB DDR3L | Windows 8.1 | 802.11 a/b/g/n | 4.0 + EDR | _ | GPS/ AGPS | o uni digital groccopo x r | Front: 2 MP, Real: 5MP | Micro HDMI x 1 | Micro USB 3.0 x 1 | micro SD x 1 | 1 | 1 | 12 V | -20°C ~ 55°C | 800 nit |
| RTC-900B-WBGH-1310 | Atom E3825 Dual Core 1.33GHz | 10.1" TFT LCD | Pcap 10-point | 4GB DDR3L | Windows 8.1 | 802.11 a/b/g/n | 4.0 + EDR | 850/ 1900/ 2100 | GPS/ AGPS | | Front: 2 MP ,Real: 5MP | Micro HDMI x 1 | Micro USB 3.0 x 1 | micro SD x 1 | 1 | 1 | 12 V | -20°C ~ 55°C | 800 nit |

RTC-1000i

| Part Number | CPU | System Memory | Storage | 0S | LCD Display | Power In | Touch Screen | WiFi | Bluetooth | Sunlight Readable |
|--------------------------|-----------------------|---------------|-----------|---------------------------------|----------------|----------|--------------|------------|-----------|-------------------|
| TF-RTC-1000I-TA-WB-2110 | Intel® Core™ i7-620UE | 2 GB RAM | 320GB HDD | Windows® Embedded Standard 2009 | 10.2" 200 nits | DC19V | TS/ AOT | 802.11 b/g | 2.1 + EDR | _ |
| TF-RTC-1000I-TAS-WB-2110 | Intel® Core™ i7-620UE | 2 GB RAM | 320GB HDD | Windows® Embedded Standard 2009 | 10.2" 500 nits | DC19V | TS/ AOT | 802.11 b/g | 2.1 + EDR | Sunlight Readable |





Selection Guide





| | Model | RTC-600A | RTC-700A |
|--------------------|--|--|---|
| PU | | TI OMAP4470 1.5 GHz | NVIDIA® Tegra™ 2 1.0 GHz, Dual core CPU |
| | Size/ Type | 5.7" TFT-LCD | 7" TFT-LCD |
| | Max. Resolution | 1280 x 720 | 1280 x 800 |
| | Max. Colors | 16M | 262K |
| isplay | Dot Size (mm) | _ | 0.117755 (H) × 0.117755 (V) |
| | Luminance (nits) (Typ.) | 420 | 350 (After touch; default), 680 (After touch, sunlight readable; optional) |
| | Viewing Angle | Horizontal: 178°(Typ.)/ Vertical: 178° (Typ.) | Horizontal : 178° (Typ.)/Vertical: 178° (Typ.) |
| ouch | Touch Type | Projected capacitive, multi-touch panel | Projected capacitive, multi-touch, Gorilla Glass panel |
| isplay | Light Transmission | ≥ 87% | ≥ 87% |
| OT | -9 | _ | |
| ensor | | G-sensor, light sensor, 3-axis digital gyroscope, vibration motor | G-Sensor, 3-axis digital gyroscope |
| emory | | LPDDR 2 1 GB SDRAM | 1 GB SDRAM |
| raphics Co | ntroller | CPU-Integrated | |
| torage | | 16 GB eMMC Flash | 16 GB eMMC Flash |
| S | | Android 4.2 | Android 3.2/4.0 |
| 3 | Network (LAN) | Allufolu 4.2 | Allululu 3.2/4.0 |
| | Wireless | WiFi (802 a/b/g/n), Bluetooth® 3.0, 13.56MHz NFC/RFID, 3G/4G (Optional) | WiFi (802.11 a/b/g/n), Bluetooth® 2.1 + EDR, 13.56MHz NFC/RFID, 3G/4G (Optional |
| | Serial Port | Will (602 a/b/g/ii), bluetootile 3.0, 13.30Mil2 Ni 6/Ni ib, 30/40 (optional) | |
| ^ | | | |
| 0 | Keyboard/Mouse | HCD 0.0 have A v.d. Misse HCD v.d. | |
| | USB | USB 2.0 type A x 1, Micro USB x 1 | Mini USB x 1 |
| | Video | _ | Mini HDMI x 1 |
| | Audio | 3.5 mm stereo headphone jack x 1 | 3.5 mm stereo headphone jack x 1 |
| peaker/ Mi | <u> </u> | Yes | Yes |
| xpansion S | lot | Micro SD x 1, SIM x 1 | MicroSD x 1 (Support SDHC), SIM x 1 |
| PS | | GPS, A-GPS, GLONASS, Beidou A-GPD only available when 3G module is enabled | GPS, E-compass |
| amera | | 5MP with flash | Front: 1.2MP, Rear: 5MP |
| canner | | 2D Barcode scanner, support 1D/2D barcodes | 2D Barcode scanner, support 1D/2D barcodes |
| | Power Supply | DC jack x 1, +12V DC input, 2A | DC jack x 1, +12V DC input |
| ower | Battery Capacity | Internal/External battery: 7.4V, 1530mAh, 11.32WHr per battery | 27WHr |
| | Battery Life | 6-8 Hours | 8 Hours |
| lechanical (| Control | Front: 3 function keys, 1 power key Side: Volume up/down buttons, 2 scanner trigger buttons | 1 Power button, 1 Scanner trigger button |
| ocking Con | nnector | 16 POGO-pin connector | 16 POGO-pin connector |
| | emperature | -4°F ~ 122°F (-20°C ~ 50°C) (DC-in mode) | -4°F ~ 140°F (-20°C ~ 60°C) |
| | | -4°F ~ 104°F (-20°C ~ 40°C) (Battery mode) | <u> </u> |
| perating Hu | | 10% to 95% @ 60°C, non-condensing | |
| ront Panel I | Protection | IP65 | <u>IP65</u> |
| rop | MIL-STD-810G Method 516.6 Procedure IV | Yes | Yes |
| | MIL-STD-810G Method 514.6 Procedure I, Cat. 24, Fig. 514.6E-1 & E-2 | Yes | Yes |
| ibration | ASTM 4169-99 Truck Assurance Level II, Schedule E | Yes | Yes |
| | EMC | CE/FCC Class B/UL | CE/FCC-Class B/ UL/ LVD |
| ertification | Safety | UL60950-1/ EN60950-1 | UL60950-1/ EN60950-1 |
| imension (| | 3.94" x 7.3" x 0.9" (100 mm x 185 mm x 22.3 mm) | 5.38" x 8.58" x 0.83" (136.6mm x 218mm x 21mm) |
| ross Weigh | · · · · · · · · · · · · · · · · · · · | 0.91 lb (0.43kg) | 1.2 lb (0.57kg) |
| olor | • | Black | Black |
| olor tandard Ac | cossorios | AC/DC Adapter, Power Cable, User Manual | AC adapter, Power cable, User manual |
| tanuaru AC | cessories | USB OTG cable, HDMI converter cable, vehicle DC/DC adapter, desktop/vehicle | |

Selection Guide







| | Model | RTC-700T | RTC-700C |
|---------------|--|---|---|
| CPU | | Intel® Atom™ Z670 1.5 GHz | Intel® Atom™ Z2760 1.8 GHz Dual Core CPU |
| | Size/ Type | 7" TFT-LCD/ 16:10 | 7" TFT-LCD/ 16:10 |
| | Max. Resolution | 1024 x 600 | 1280 x 800 |
| | Max. Colors | 262K | 262K |
| Display | Dot Size (mm) | 0.150 (V) × 0.15 (H)mm | 0.117(W) x 0.117(H) |
| | Luminance (nits) (Typ.) | 400 | 350 (After touch; default), 680 (After touch, sunlight readable; optional) |
| | Viewing Angle | Horizontal: 178° (Typ.)/ Vertical: 178° (Typ.) | Horizontal: 178° (Typ.)/ Vertical: 178° (Typ.) |
| Touch | Touch Type | Projected capacitive, multi-touch panel | Projected capacitive, multi-touch, Gorilla Glass panel |
| Display | Light Transmission | ≥ 87% | ≥ 87% |
| OT TO | | _ | _ |
| Sensor | | G-sensor, ALS sensor | G-sensor, E-Compass, Gyro-sensor, ALS sensor, MEMS sensor, Vibration sensor, Magnetometer |
| Nemory | | 1 GB SDRAM | 2 GB LPDDR 2 |
| raphics Con | itroller | Intel® SM35 | _ |
| torage | | 40 GB mSATA MLC | 64 GB eMMC 4.4.1 (Default), Extra 32 GB miniDOM (optional) |
|)S | | Windows® 7 (optional); WES7 (default) | Windows® Embedded 8.1 Industry Pro, Windows® Embedded 8.1 Indust Pro Retail (optional) |
| | Network (LAN) | _ | <u> </u> |
| | Wireless | WiFi (802.11 b/g/n), Bluetooth® 2.1, 3G (Optional) | WiFi (802.11 a/b/g/n), Bluetooth® 4.0, 13.56MHz NFC/RFID, 3G (Optional |
| /n | Serial Port | _ | _ |
| 0 | Keyboard/Mouse | _ | - |
| | USB | Mini USB x 1 | Mini USB x 1 |
| | Video | Mini HDMI x 1 | Mini HDMI x 1 |
| | Audio | 3.5 mm stereo headphone jack x 1 | 3.5 mm stereo headphone jack x 1 |
| peaker/ Mic | rophone | Yes | Yes |
| xpansion Sl | ot | MicroSD x 1 (Support SDHC), SIM x 1 | MicroSD x 1 (Support SDHC), SIM x 1 |
| PS | | GPS | Glonass |
| amera | | Front: 2MP, Rear: 5MP | Front: 2MP, 720p, Rear: 8MP, 1080p HD, auto-focus with flash |
| Canner | | 2D Barcode scanner, support 1D/2D barcodes | 2D Barcode scanner, support 1D/2D barcodes |
| | Power Supply | DC jack x 1, +12V DC input | DC jack x 1, +12V DC input |
| Power | Battery Capacity | 27WHr | 27WHr |
| | Battery Life | 3.5 Hours | 8 Hours |
| Aechanical C | Control | | _ |
| ocking Con | nector | _ | _ |
| perating Ter | mperature | -4°F ~ 122°F (-20°C ~ 50°C) | -9.4°F~131°F (-23°C ~ 55°C) |
| perating Hu | midity | 10 - 95 % @60°C, non-condensing | 5 - 90 % @ 50°C, non-condensing |
| ront Panel P | rotection | IP65 | IP65 |
| Orop | MIL-STD-810G Method 516.6 Procedure IV | Yes | Yes |
| /ibration | MIL-STD-810G Method 514.6 Procedure I, Cat. 24, Fig. 514.6E-1 & E-2 | Yes | Yes |
| | ASTM 4169-99 Truck Assurance Level II, Schedule E | | Yes |
| ertification | EMC | CE/FCC-Class B/ UL/ LVD | CE/FCC-Class B/ UL/ LVD |
| | Safety | UL60950-1/ EN60950-1 | UL60950-1/ EN60950-1 |
| Dimension (V | | 5.38" x 8.58" x 1.02" (136.6mm x 218mm x 26mm) | 5.38" x 8.58" x 0.83" (136.6mm x 218mm x 21mm) |
| iross Weight | | 1.5 lb (0.68kg) | 1.2 lb (0.57Kg) |
| olor | | Black | Black |
| Standard Acc | cessories | AC adapter, Power cable, User manual | AC adapter, Power cable, User manual |
| Optional Acce | essories | 3.5G modem module, Vehicle DC/DC adapter USB OTG Cable | USB OTG cable, HDMI converter cable, vehicle DC/DC adapter, vehicle docking station (non-chargeable), tablet bag with shoulder strap, stand |
| Note | | ** TAIWAN FOREILIBRE 2011 | TAIWAN EXCELLING 201. |





Selection Guide







| | Model | RTC-900R | RTC-900B | RTC-1000i |
|----------------------------|--|--|--|---|
| CPU | | NVIDIA® Tegra™ 2 1.0 GHz, Dual core CPU | Intel® Atom™ E3825 Series Processor | Intel® Core™ i7-620UE 1.06 GHz |
| | Size/ Type | 10.1" TFT-LCD/ 16:10 | 10.1" TFT-LCD/ 16:10 | 10.2" TFT-LCD/ 16:9 |
| | Max. Resolution | 1280 x 800 | 1280 x 800 | 1024 x 600 |
| _ | Max. Colors | 16.7M | 16.7M | 262K |
| isplay | Dot Size (mm) | 0.1695 (V) × 0.1695 (H)mm | 0.1695 (V) × 0.1695 (H)mm | 0.2175 (H) x 0.2175 (V) |
| | Luminance (nits) (Typ.) | 350, 900 (Optional) | 350, 800 (Optional) | 200, 500 (Optional) |
| | Viewing Angle | Horizontal: 178° (Typ.)/Vertical: 178° (Typ.) | Horizontal: 178° (Typ.)/Vertical: 178° (Typ.) | Horizontal: 140° (Typ.)/ Vertical: 120° (Typ.) |
| ouch | Touch Type | Projected capacitive, multi-touch panel | Projected capacitive, multi-touch panel | 4-wire Resistive |
| isplay | Light Transmission | 87% | 87% | ≥ 85% |
| .OT | | _ | | Yes |
| ensor | | G-Sensor, 3-axis digital gyroscope | G-Sensor, 3-axis digital gyroscope | Yes |
| lemory | | 1 GB SDRAM | DDR3L-1066 4 GB | DDR3, up to 6 GB |
| raphics Co | ntroller | I dd SDRAW | | Intel® QM57 |
| | IIII OII EI | 16 CD cMMC Fleeb | | |
| torage S | | 16 GB eMMC Flash | 32GB SSD (up to 128GB supported), 16GB eMMC (Optional) | |
| 3 | Nationals (LAN) | Android 4.0 | Windows® Industrial Pro 8.1 | WES 2009 (Default), WES 7 (Optional) |
| | Network (LAN) | — | — | Gigabit Ethernet x 1 |
| | Wireless | WiFi (802.11 b/g/n), Bluetooth® 2.1 + EDR, 3G (Optional) | WiFi (802.11 a/b/g/n), Bluetooth® 4.0, 3G (Optional) | WiFi (802.11 b/g), Bluetooth® 2.0 + EDR |
| | Serial Port | _ | | RS-232/422/485 x 1 |
| /0 | Keyboard/Mouse | _ | | Numeric Keypad + Hot Keys |
| | USB | Mini USB x 1 | Micro USB 3.0 | USB 2.0 x 2 + mini USB x 1 |
| | Video | Mini HDMI x 1 | Micro HDMI x 1 | VGA |
| | Audio | 3.5 mm stereo headphone jack x 1 | 3.5 mm stereo headphone jack x 1 | Line-out jack x 1, MIC-in jack x 1 |
| peaker/ Mi | crophone | Yes | Yes | Yes |
| xpansion S | ilot | MicroSD x 1 (Support SDHC), SIM x 1 | MicroSD x 1 (Support SDHC), SIM x 1 | PCMCIA (Default) or Smart Card x 1, Mini-Card x 2 (Internal) (One is occupied by WiFi+BT combo modul CompactFlash™ (Default) or SDHC x 1, SIM x 1 |
| iPS | | GPS, E-compass | GPS, E-compass | GPS, Optional |
| amera | | Front: 1.2MP, Rear: 5MP | Front Camera: 2MP, Rear: 5MP | |
| Canner | | _ | | _ |
| | Power Supply | DC jack x 1, +12V DC input | DC jack x 1, +12V DC input | DC jack x 1, +19V DC input |
| ower | Battery Capacity | 50WHr (6810mAH) | 50WHr (6810mAH) | 3S3P, 9 cells, 7800mAh |
| | Battery Life | 10 Hours | 7 Hours | 5 Hours |
| /lechanical | · · | _ | | |
| ocking Con | | _ | <u>-</u> | Yes |
| | | 4°E 121°E (20°C 55°C) | 4°E 121°E (20°C EE°C) | -4°F ~ 140°F (-20°C ~ 60°C) |
| perating 16 perating Hi | emperature | -4°F ~ 131°F (-20°C ~ 55°C) | -4°F ~ 131°F (-20°C ~ 55°C) | |
| ront Panel | | 10 - 95 % IP65 | 10 - 95 % IP65 | 5 - 95 % IP54 |
| IUIIL FAIIEI | MIL-STD-810G Method | | - | 1734 |
| rop | 516.6 Procedure IV | Yes | Yes | Yes |
| ibration | MIL-STD-810G Method 514.6 Procedure I, Cat. 24, Fig. 514.6E- 1 & E-2 | Yes | Yes | Yes |
| ibration | ASTM 4169-99 Truck Assurance Level II, Schedule E | Yes | Yes | Yes |
| ertification | EMC | CE/FCC-Class B/ UL | CE/FCC-Class B/ UL | CE/ FCC-Class B |
| or unication | Safety | UL60950-1/ EN60950-1 | UL60950-1/ EN60950-1 | UL60950-1/ EN60950-1 |
| imension (| <u> </u> | 10.65" x 7.42" x 0.96" (270.4mm x 188.4mm x 24.29mm) | 10.65" x 7.42" x 0.96" (270.4mm x 188.4mm x 24.29mm) | 10.63" x 7.24" x 1.93" (270mm x 184mm x 49mm) |
| ross Weigh | nt | 2.64 lb (1.2 Kg) | 2.7 lb (1.24 Kg) | 5 lb (2.3 Kg) |
| Color | | Black | Black | Black |
| Standard Ac | ccessories | AC adapter, Power cable, User manual | AC adapter, Power cable, User manual, USB 3.0 Cable | AC adapter, power cord, hand strap, bumpers, use manual, stylus with tether |
| Optional Acc | cessories | USB OTG Cable, Vehicle DC/DC adapter Car Mount, 3.5G Modem Module | USB 3.0 Cable, Vehicle DC/DC adapter Car Mount, 3.5G Modem Module | GPS module, 3.5G modem module , desktop/wall- mountable, vehicle docking station, vehicle DC/DC adapter, tablet bag |
| Note | | TAIWAN EXCELLENCE 2013 | _ | _ |



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