

Rugged & Light Tablet Computer with Payment

RT104

Payment



Industry & Applications



- Retail – Store associates
 - Price/Inventory/cycle checks
 - Item locator
 - Line busting
 - Assisted selling
 - Task & Price management
 - Front of store replenishment
 - Point of sale
 - Staff Communication & Collaboration



- Retail – Store managers
 - Staff & Inventory Management
 - Planogram management
 - Promotion compliance
 - Merchandising
 - Back of store management



- Postal Carriers/Courier Drivers
 - Proof of Delivery
 - In-vehicle Inventory management
 - Mobile Point of Sale & Invoicing
 - Routing & Dispatch
 - Staff Communication & Collaboration
 - Tracing & Tracking



- Entertainment / Restaurant Workers
 - Staff Communication & Collaboration
 - Price & Inventory & Staff Management
 - Line busting
 - Guest check-in
 - Ordering & Waiting Management
 - Security & Validating Tickets
 - Point of sale

BOS™ Solutions & Software

- BOS™ Provisioning
- BOS™ Staging
- BOS™ Kiosk
- BOS™ Wi-Fine™ (WiFi analyze application)
- BOS™ EMM

3rd Party Solutions Integration

- EMM: Airwatch, MobileIron, Mobicontrol, Mass360, XenMobile

✓ RT104 PAY is the slim, rugged tablet for the customers who want the payment devices with customer-designed style & enterprise features. With RT104 PAY, the Windows Tablet solution with 10.1 inches large display & Barcode/ Payment Card Reader Integration, it is able to get maximized work efficiency. Customers can utilize RT104 PAY anywhere & every day since it has the large, replaceable, easy-to-charge, long-lasting battery.

Key Features

BEST-IN-CLASS FEATURES AND POWERFUL PERFORMANCE

Ultimate Performance

With adopting Windows 10 IoT Enterprise, RT104 PAY makes workers do business faster and more securely, enhancing work efficiency. Users can scan data easily by Integrated 1D & 2D Imager.

Secure & Stable Payment device

RT104 Pay is a solution for end-users looking for a suitable secure payment solution. The RT104 Pay includes an integrated barcode scanner as well as support for all types of payment schemes (contact, contactless, msr). Bluebird already has strong references in Korea major department stores, and has long & strong reference in Korea Payment market.

Faster, Wider BUT Less Power

RT104 PAY has User replaceable 7.7V / 2960 mAh battery which has Bluebird BOS™ PowerManager, one of the Bluebird BOS™ Solution, which provides the stable battery.

Key Features

BEST-IN-CLASS FEATURES AND POWERFUL PERFORMANCE

Back Camera Optimized for Industrial Demand

The RT104 PAY features an auto-focusing 8MP rear camera for fast processing speed and accurate performance. It also provides high resolution images for industrial purposes.

Big, Robust display

The RT104 PAY's 10.1-inch display uses Corning® Gorilla® Glass with Bluebird TankSmith® technology. Therefore, it can also be used in environments where it is exposed to water, moisture, and dust. Bluebird's multi-touch technology applies glove and stylus touch.

Enterprise Ruggedness

RT104 PAY is designed for the enterprise with drop spec of 4 ft. (1.2m) to provide the ultimate durability and usability.

Various accessories

RT104 PAY provides various accessories including cradle, smart plug for barcode, card reader and fingerprint, for user convenience.

CONVENIENT CONNECTION & COMMUNICATION

WiFi Supporting Device

RT104 PAY supports WiFi network since it support WiFi 5. It is able to work anywhere with WiFi network with RT104 PAY.

RFID Reader Connection Available

The DR Series, Desktop RFID readers, enable fast and safe operation. DR900 & DR901 can read 710+ tags per second. If you connect RT104 PAY's cradle to DR Series, you can reliably manage data.

Cradle available in a variety of ways

The cradle of RT104 PAY has three USB ports, Ethernet and HDMI. Users can connect Ethernet cable, Mouse or Keyboard which is able to use RT104 PAY as a desktop.

MANAGE YOUR WORK EFFICIENCY BY BOS™ OF BLUEBIRD

Manage your device easily

BOS Wi-Fine manage Wi-Fi connection stable. Also, With Bos Kiosk, you can restrain apps and device features.

Reliable Security

BOS™ EMM delivers visibility and lets IT admin stay in control of multiple mobile devices in their system, regardless of type of devices or operating systems, all from a single dashboard—enabling access control for shared devices and managing user ID and device groups.

From deployment to retirement, BOS™ EMM makes it easy to manage mobile devices and mobilize the workforce to gain competitive advantage, while maintaining corporate data security.

Easy initial device setup & security provisioning for hardware

Bluebird BOS™ Provisioning is designed to make the installation process faster and simpler, allowing customers to have all their devices ready for use as easy as possible. Once you create a staging file with all the required configurations, device settings and applications, devices will automatically configure themselves whether you connect devices to PC or simply scan a QR code without manual procedures.

Specifications

PERFORMANCE CHARACTERISTICS

CPU	Intel® Celeron® Processor Quad Core 2.40 GHz
Operating System	Windows 10 IoT Enterprise (64bit, RS5 LTSC)
Memory	4GB LPDDR4 RAM; 64GB eMMC Flash 8GB LPDDR4 RAM; 128GB eMMC Flash (Optional-TBD)

PHYSICAL CHARACTERISTICS

Dimensions (L x W x D)	275.75 * 178.20 * 33.2 (tablet + payment module thickness) mm
Weight	880 g
Display	10.1 inch, HD (1280×800)
Imager Window	Corning® Gorilla® Glass
Touchpanel	Capacitive multi-touch / Stylus
Backlight	LED backlight
Power	User replaceable Battery, 7.7V / 2960mAh BOS™ PowerManager
Quick Charging	Fast charging <ul style="list-style-type: none"> • Full charge under 5 hours
Expansion Slot	User accessible Micro SDXC card slot (standard supports up to 2TB)
Interface	1 x USB Type C (3.0) (OTG) Docking Connector (8-Pin) Side Smart Plug Connector Back Smart Plug Connector
Notification	Audible tone Charging Status LED 1
Keypad & Button	On-screen keypad Power button 1
Voice and Audio	Loud Speaker(MONO) 1 microphones 3.5 pi standard audio jack

* Android version is subject to change depending upon Qualcomm's roadmap.

* Please be informed that Bluebird warranty program should be purchased to get Android upgrade service.

WIRELESS LAN

Radio	802.11 a/b/g/n/ac/r/k/v
Data Rates	5GHz: 802.11a/n/ac — up to 500 Mbps; 2.4GHz: 802.11b/g/n — up to 144 Mbps
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA/WPA2 Enterprise (TKIP and AES); — EAP-TTLS (PAP, MSCHAP, MSCHAPv2); EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, EAP Fast and LEAP

WIRELESS PAN

Bluetooth	Bluetooth v5.0, BLE, Class 1
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WIRED LAN

Ethernet	Support (w/ Ethernet Cradle)
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DATA CAPTURE

Scanning	Integrated 1D/2D Imager
Camera	Rear – 8 MP Autofocus with flash Front – 5MP Fixed Focus
NFC	Supported via integrated Payment module

Payment

MSR	Bi-directional, 3-track
Contact	EMV Level 1 and 2 type approved, ISO 7816, 3V, 5V
Contactless	EMV Contactless Level 1, MasterCard PayPass, Visa payWave Amex Empresspay, Discover DPAS (TBD) All Types Supported <ul style="list-style-type: none"> • ISO 14443 A/B, Mifare, Etc
Security	Stonewall Security™ PCI PTS 6.X (TBD)

SENSOR

Light Sensor	Ambient Light
Motion Sensors	3-axis accelerometer, Electronic Compass

Specifications (Continued)

USER ENVIRONMENT

Operating Temp	0°C to 50°C / 32°F to 122°F
Storage Temp	-20°C to 65°C / -4°F to 149°F
Humidity	90% non-condensing
Drop Spec	Multiple Drops to 1m tile over concrete
Tumble Spec	100 3.2 ft./0.5 m tumbles; meets or exceeds IEC tumble specifications
Sealing	<ul style="list-style-type: none"> RT104 Enterprise Tablet : WiFi Only : IP54 Payment Module : IP Specifications are not supported for the payment module
Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge

SOFTWARE SOLUTIONS

BOS™	BOS™ -Provisioning; -Staging; -Kiosk; -EMM; -Wi-Fine (WIFI analyze application)
3rd Party Solutions Integration	EMM : Airwatch, MobileIron, Mobicontrol, Mass360, XenMobile

ACCESSORIES

In-box	Battery, USB Type C cable, AC charger
Additional	1 slot charging / ethernet cradle, PayGear Stand Type 1 cradle, 4 slot Battery Charger Smart Plug Type 4 (Spin Handstrap) Shoulder Strap Stylus Battery Screen protectors

* Specifications are subject to change upon manufacturer's condition.



[RT104 PAY 더 알아보기 >](#)