

## Rugged All-in-one Handheld Computer

# BIP-1500 Series



# BIP-1500 Series

## INDUSTRIES



Retail



Public Transport



Hospitality



Finance

The rugged all-in-one handheld computer, BIP-1500 Series, is designed to meet growing demands between enterprise mobility (AIDC) and payment industries for 2" or 3" thermal printer options, multiple data collection options including built-in RFID reader, and versatile payment options such as MSR, contact payment, contactless payment, PIN transaction, and fingerprint reader.

## KEY FEATURES & BENEFITS

### Smart Choice



#### 2" or 3" Thermal Printer, RFID, Barcode Reader, Card Reader, Finger Scan, PIN Pad

The dual-sided BIP-1500 Series design is capable of multiple combinations, providing more choices of hardware platform as per each business need. In terms of mobile data collection, it offers 1D laser scanner or 2D CMOS imager, RFID reader, and 3 megapixel auto-focus camera. It has a built-in thermal printer option of 2" or 3" width, and a standard battery with 3 different payment types - Payment, Finger Scan, or PIN Pad - or an extended battery option without payment.

### Easy to Carry, All-in-one



#### PCI PTS 3.0 / EMV Level 1&2

The BIP-1500 Series is a printer-integrated rugged handheld computer. This all-in-one package is eliminating the inconvenience of when field force is using both handheld computer and a mobile printer together. This handy package helps reduce the force's fatigue during carrying, operating, and even charging.

### Rugged Integration



#### IP54 / 1.5m Drop

The BIP-1500 Series is designed with long-year experience in rugged handheld computer. This Series including integrated thermal printer and payment options is built to withstand harsh environments both inside and outside the four walls. It meets IP54 sealing requirements and withstands 12 drops at 1.5m to steel surface.

### User-friendly



#### Windows Embedded Handheld 6.5, HSPA+, WiFi, Bluetooth, GPS

The BIP-1500 Series with the newest Windows-based operating system makes it easy to install custom applications and is compatible with back office computer. This WiFi and Bluetooth equipped handheld computer with HSPA+ or GSM options enables enterprises and governments to stay connected with their field workers in real-time. It also supports 2 SIM and 4 SAM card slots to meet business demands.

# Rugged All-in-one Handheld Computer



Warehousing



Field Force Automation



Logistics



Government/Public Sector

## APPLICATIONS



Mobile Point of Sale



Ticketing



Tax Collecting



Parking Enforcement



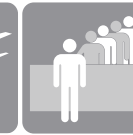
Law Enforcement



DSD



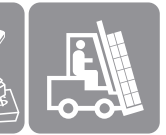
In-flight Sales



Customer Management



Asset Management



Inventory Management



**CPU**  
PXA 320, 806MHz



**1D Barcode & PDF 417**  
Laser Class II



**GPS**  
Integrated AGPS & DGPS



**Memory**  
256MB RAM  
512MB ROM (optional 1GB)



**2D Barcode**  
CMOS Imager (optional HD)



**Bluetooth**  
Bluetooth V 2.1+EDR



**Camera**  
3 megapixel, Autofocus, Flash



**Battery**  
Standard, 3.7V, 4,000mAh, Li-ion  
Extended, 3.7V, 6,000mAh, Li-ion



**Printer**  
2" or 3" Thermal Printer



Extended Battery



MSR +Contact +Contactless  
PCI Compliance PIN pad



BIP-1500



BIP-1530



MSR +Contact +Contactless  
Fingerprint Scanner



MSR +Contact +Contactless  
Payment (Handheld)

## FRONT

## SPECIFICATIONS



Extended Battery	PIN Pad	Finger Scan	PAYMENT (Handheld)
<b>Battery</b> Extended, 3.7V, 6,000mAh, Li-ion	<b>Battery</b> Standard, 3.7V, 4,000mAh, Li-ion  <b>Display</b> 2", FSTN, 128 x 16  <b>Keypad</b> 16-key Numeric  <b>Payment Options</b> MSR IC Card Reader -Contact (EMV Level 1&2, ISO 7816) -Contactless (ISO 14443 A/B, ISO 15693 or ISO 14443 A/B, ISO 18092) PIN Transaction (PCI PTS 3.0 Compliance)	<b>Battery</b> Standard, 3.7V, 4,000mAh, Li-ion  <b>Payment Options</b> MSR IC Card Reader -Contact (EMV Level 1&2, ISO 7816) -Contactless (ISO 14443 A/B, ISO 15693 or ISO 14443 A/B, ISO 18092)  <b>Fingerprint Scanner</b> 512 DPI 14.6 x 18.1 mm / 0.5 x 0.7 inch.	<b>Battery</b> Standard, 3.7V, 4,000mAh, Li-ion  <b>Payment Options</b> MSR IC Card Reader -Contact (EMV Level 1&2, ISO 7816) -Contactless (ISO 14443 A/B, ISO 15693 or ISO 14443 A/B, ISO 18092)
<b>Thermal Printer Options</b> 2" (25mm diameter, max. 90mm/sec) 3" (50mm diameter, max. 60mm/sec)  <b>Display Options</b> 3.5" Color QVGA or VGA  <b>Keypad Options</b> 25-key Numeric or 42-key QWERTY  <b>Camera</b> 3 megapixel autofocus  <b>GPS</b> Integrated GPS	<b>SIM/SAM Slot</b> 2 SIM, 4 SAM Slots  <b>Memory</b> 256MB RAM 512MB ROM (optional 1GB)  <b>CPU</b> PXA 320, 806MHz  <b>OS</b> Windows Embedded Handheld 6.5  <b>Drop Spec</b> 1.5m (5 ft.)	<b>Rain/Dust Protection</b> IP54  <b>Operating Temp</b> -20°C to 55°C / -4°F to 131°F  <b>Storage Temp</b> -30°C to 70°C / -22°F to 158°F  <b>Humidity</b> 93% non-condensing  <b>Dimensions (W x H x D)</b> BIP-1500: 86.8 (min.77.6) x 199.7 x 48.2(min.36) mm BIP-1530: 105.8 (min.77.6) x 250 x 65 (min.36) mm	<b>Weight</b> BIP-1500: 436g BIP-1530: 572g *Excluding Back Module and Battery  <b>Radio Options</b> 3.8G GSM HSPA+/HSUPA or CDMA EVDO Rev. A (Korea. *Contact your sales representative about the availability in other countries.) 802.11 b/g or 802.11 a/b/g Bluetooth Class II V2.1 + EDR  <b>Barcode Scanner Options</b> 1D laser, 2D imager, or HD imager

\* Please ask your sales representative for the specs not listed above.



## ACCESSORIES



Battery    Protection Film    Stylus Pen

\* Accessories above come with product.

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