

Transaction Mobile Computer

BIP-1300



pibion
Empowering Mobility

BIP-1300

INDUSTRIES



Retail



Public Transport



Hospitality



Finance

KEY FEATURES & BENEFITS

Functionality



Barcode Scanner, Optional GPS, eGPRS, WiFi

BIP-1300 is the All-in-one Mobile Computer integrated with 1D/2D Barcode Scanner, GPS, MSR, IC Card Reader, RF Card Reader, Thermal Printer as well as Voice and Data Communication and WLAN. The Ability in point-of-sale, receipt printing, ticketing and high-speed data transfer in a single device increases sales productivity.

Security



EMV and PCI PED approved

- MSR: Bi-directional, Track 1,2,3, ISO 7810, ISO 7811, ISO 7813
- IC Card Reader : EMV Level 1&2, PBOC Level 1&2 , China UnionPay approved, ISO 7816
- RF Card Reader : ISO 14443A/B (MIFARE, Calypso), ISO 15693
- PIN Transaction (for BIP-1300Secure) : PCI PED 2.0, APACS Common Criteria, GIE CB Approved

Compatibility



Windows Mobile or Windows CE

BIP-1300 with Windows Mobile-based operating system makes it easy to install custom applications and access to your work PC. The device allows you to manage real-time information all about work documents, customers, inventory, delivery and much more without any restraints of time or place.

Ergonomics



3.5" Touch Screen, Numeric / QWERTY

BIP-1300 is a compact and fully function-packed device for comfortable operation with one hand. The large 3.5" touch screen enables collecting the digital signature and a 2.0 megapixel camera helps capturing images for proof of condition and more. Additionally, Numeric or QWERTY keypad is available depending on user preference.

Transaction Mobile Computer



Warehousing



Field Force Automation



Logistics



Government/Public Sector

APPLICATIONS



Mobile Point of Sale



Ticketing



Tax Collecting



Parking Enforcement



Law Enforcement



Parcel Delivery



Work Order Tracking



Customer Management



Asset Management



Inventory Management



1D Barcode & PDF 417
Laser Class II



2D Barcode
CMOS Imager



Printer
2" Thermal Printer



Card Reader
Magnetic Card Reader
IC Card Reader
RF Card Reader(optional)



Camera
2 megapixel



CPU
PXA 270, 520MHz



Memory
128MB RAM 128MB ROM



Battery
7.4V, 2,000mAh, Li-ion



Bluetooth
Bluetooth Class II V 1.2



BIP-1300

| SPECIFICATIONS | BIP-1300 | BIP-1300Secure |
|-----------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------|
| PHYSICAL CHARACTERISTICS | | |
| DIMENSIONS (W x H x D) | 87(min.74) x 218 x 56.2(min.29)mm / 3.4(min.2.9) x 8.6 x 2.2(min 1.1) inch | |
| WEIGHT | Excluding battery: 412g / Including standard battery: 507g | |
| DISPLAY | 3.5" QVGA with backlight, TFT-LCD, 260K, 240 x 320 | |
| TOUCH PANEL | Analog resistance type | |
| KEYPAD | Numeric / QWERTY | |
| STANDARD BATTERY | Rechargeable, 7.4V, 2,000mAh, Li-ion | |
| EXPANSION SLOT | Customer-accessible SD slot for removable memory cards up to 2G | |
| SIM/SAM SLOT | 1 SIM / 3 SAMs | |
| PRINTER | 2" thermal Printer(max. 90mm/sec) | |
| AUDIO | Speaker, Headset jack | |
| CAMERA | 2 megapixel color camera | |
| GPS (optional) | Integrated GPS with Network Independent A-GPS | |
| PERFORMANCE CHARACTERISTICS | | |
| CPU | PXA 270, 520MHz | |
| OS | Windows Mobile 5.0 / Windows CE 5.0 | Windows Mobile 5.0 |
| MEMORY | 128MB RAM / 128MB ROM (up to 256MB) | |
| INTERFACE | RS-232C, USB 1.1 Host & Client, Ethernet via cradle | |
| USER ENVIRONMENT CHARACTERISTICS | | |
| OPERATING TEMP | -20°C to 55°C / -4°F to 122°F | |
| STORAGE TEMP | -30°C to 70°C / -22°F to 158°F | |
| HUMIDITY | 93% non-condensing | |
| DROP SPEC | 4ft./1.2m drop to steel surface with silicon case, 2drops per 6 sides | |
| INTEGRATED RADIO | | |
| WWAN RADIO | GSM / GPRS / eGPRS (850, 900, 1800, 1900MHz) or CDMA / 1x / EvDO (800, 1800MHz) | GSM / GPRS / eGPRS (850, 900, 1800, 1900MHz) |
| WLAN RADIO | IEEE 802.11b/g | |
| WPAN RADIO | Bluetooth Class II V1.2, IrDA 1.2 | |
| DATA CAPTURE | | |
| BARCODE SCANNER | 1D&PDF417 Laser Class II or ID&2D CMOS Imager | |
| CARD READER | | |
| MSR | Bi-directional, Track1,2,3, ISO 7810, ISO 7811, ISO 7813 | |
| IC CARD READER | EMV Level 1&2, PBOC Level 1&2 approved, China UnionPay approved, ISO 7816 | |
| RF CARD READER (optional) | ISO 14443 A/B (MIFARE, Calypso), ISO 15693 | |
| PIN TRANSACTION | - | PCI PED 2.0, APACS Common Criteria, GIE CB Approved |



ACCESSORIES



Cradle

Battery

Protection Film

Adapter

Power Cable

USB Cable

Stylus Pen

Bluebird

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