

Smart Handheld Computer

# BIP-7000



**pibion**  
Empowering Mobility

# BIP-7000

## INDUSTRIES



Retail



Public Transport



Healthcare



Warehousing

BIP-7000 is a smart handheld computer providing remarkably flexible functionality with data collection and communication capabilities. Its rugged ergonomic structure for single-handed operation is suitable for retail, warehousing & distribution, field force automation and transportation & logistics. For scan-intensive environments, an optional pistol grip and a new configuration equipped with a long range barcode scanner will be added.

## KEY FEATURES & BENEFITS

### Rugged Ergonomics



#### IP65, 1.8m (6 ft.) Drop, Scan Trigger

BIP-7000 is designed for comfortable handling with reducing fatigue while operating in harsh environments. It meets IP65, withstands drops from 1.8m (6ft.) and supports crack-resistant TouchWindow LCD. It provides 40-key Shifted Alpha keypad with a built-in scan trigger with a finger saddle at the rear side of the device as well as standard-type scan keys at the center and the sides.

### Data Collection



#### 1D/2D Barcode Reader, 3MP AF Camera

BIP-7000 delivers flexible data capture capabilities. Either a 1D laser scanner or a 1D & 2D CMOS imager enables rapid and accurate data capture. A 3.0 megapixel autofocus camera helps capturing sharp images of the condition of damaged asset from a short distance. Its 2.8" touch screen enables collecting the recipient's digital signature for proof of delivery.

### Communication



#### WLAN (CCX v4), HSDPA, A-GPS

BIP-7000 provides communication options to meet the business need. Its 802.11b/g WLAN complimented by a CCX v4 security certification ensures reliable wireless data transmission. Optional WWAN and GPS enable use in more field-based application opportunities. HSDPA(3.5G) mobile radio allows real-time voice and data communication and an integrated GPS enables fleet management and route accounting on the move.

### Performance



#### 806MHz CPU, Windows CE 5.0 / Windows Mobile 6.5

BIP-7000 offers industry-leading computing power with 806MHz processor. It can be paired with standard Windows CE 5.0 or the latest Windows Mobile 6.5 operating system delivering easy operation and system integration capability. It provides large memory capacity with 128MB RAM 256MB ROM and MicroSD slot, and its battery capacity ensures continuous operation for a full day.

Contact us by phone. USA: (619) 690-5363 Mex: (664) 687-3452  
E-mail: (USA) [sales@pidionstore.com](mailto:sales@pidionstore.com) (Mex) [ventas@pidion.com.mx](mailto:ventas@pidion.com.mx)



Field Force Automation



Logistics



Construction



Government/Public Sector

## APPLICATIONS



Parcel Delivery



Baggage Reconciliation



Meter Reading



Patient/Pharm Tracking



Work Order Tracking



Fleet Management



Line Busting



Price Management



Inventory Management



Store Management



**1D Barcode & PDF417**  
Laser Class II



**2D Barcode**  
CMOS Imager



**GPS (optional)**  
A-GPS



**Camera**  
3.0 megapixel,  
Autofocus, Flash



**CPU**  
PXA 320 806MHz



**Memory**  
128MB RAM 256MB ROM



**Battery**  
3.7V, 2,260mAh, Li-ion  
3.7V, 3,390mAh, Li-ion



**Bluetooth**  
Bluetooth Class II V 2.0+EDR



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E-mail: (USA) [sales@pidionstore.com](mailto:sales@pidionstore.com) (Mex) [ventas@pidion.com.mx](mailto:ventas@pidion.com.mx)

# BIP-7000

## SPECIFICATIONS

PHYSICAL CHARACTERISTICS	
DIMENSIONS (W x H x D)	72 (min.59) X 196.7 X 33.6 (min.26) mm / 2.8 (min.2.3) x 7.7 x 1.3 (min.1) inch
WEIGHT	Including standard battery: 306g / Including extended battery: 326g
DISPLAY	2.8" QVGA with backlight, TFT TouchWindow LCD, 260K, 240 x 320
TOUCH PANEL	Analog resistance type
KEYPAD	40-key Shifted Alpha
STANDARD BATTERY	Rechargeable, 3.7V 2,260mAh, Li-ion
EXTENDED BATTERY (optional)	Rechargeable, 3.7V 3,390mAh, Li-ion
EXPANSION SLOT	Customer-accessible MicroSD slot for removable memory card
SIM/SAM SLOT	1 SIM
AUDIO	Speaker
CAMERA	3 megapixel autofocus camera with LED flash / Ultra bright LED flash (optional)
GPS (optional)	Integrated GPS with Network Independent A-GPS
PERFORMANCE CHARACTERISTICS	
CPU	PXA320 806MHz
OS	Windows CE 5.0 / Windows Mobile 6.5
MEMORY	128MB RAM (up to 256MB) / 256MB ROM (up to 512MB)
INTERFACE	RS232C (via cable), USB 1.1 Host & Client
USER ENVIRONMENT CHARACTERISTICS	
OPERATING TEMP	-20°C to 55°C / -4°F to 131°F
STORAGE TEMP	-30°C to 70°C / -22°F to 158°F
HUMIDITY	95% RH non-condensing
DROP SPEC	6 ft. / 1.8 m drop to steel surface, 2 drops per 6 sides
RAIN/DUST PROTECTION	IP65
INTEGRATED RADIO	
WWAN RADIO	GSM/GPRS/eGPRS(850, 900, 1800, 1900MHz)/UMTS/HSDPA(850, 1900, 2100MHz), GSM/GPRS(850, 900, 1800, 1900MHz) or CDMA / 1x
WLAN RADIO	CCX v4 certified IEEE 802.11 b/g or 802.11a/b/g
WPAN RADIO	Bluetooth Class II V2.0+EDR
DATA CAPTURE	
BARCODE SCANNER	1D&PDF417 Laser Class II or 1D&2D CMOS Imager



## ACCESSORIES



Cradle

Battery

Adapter

Adapter  
Connector

USB Cable

Stylus Pen

Sales and Customer Service in the USA  
 137 W San Ysidro Blvd #4 San Ysidro CA, 92173  
 Email: sales@pidionstore.com  
 Phone: (619) 690-5363

Ventas y Atencion al Cliente en México  
 Lucrecia Toriz #311, Colonia Castillo, Tijuana B.C.  
 Email: ventas@pidion.com.mx  
 Telefono: (664) 687-3452