

Powerful and Prestigious!

# BIP-6000Max

Rugged Handheld Computer Family



# BIP-6000Max

## INDUSTRIES



Retail



Public Transport



Hospitality



Healthcare



Finance

BIP-6000Max is the world first rugged handheld computer integrated with four different types of RF technology including HSDPA, WiFi, Bluetooth, and RFID reader (eTicket reader) capability and it greatly fits for mobile ticketing in public transportation and DSD route accounting in FMCG industries.

## KEY FEATURES & BENEFITS

### Ultimate Form Factor



#### IP65, 1.8m Drop, MIL-STD 810F

The BIP-6000Max rugged handheld computer family allows working without any restraints in harsh work environment. It meets IP65 sealing requirements, withstands 12 drops at 1.8m to steel surface and operates in a temperature range of -30 to 60. In addition, powerful 5,200mAh Smart Battery ensures continuous operation for a full day

### Revolutionary Integration



#### RFID Reader, Barcode Scanner, 3MP Camera

The BIP-6000Max rugged handheld computer family delivers a broad range of advanced data capture capabilities for inventory management. It supports HF, UHF or LF RFID reader, 1D laser or 2D imager scanner, and 3.0 megapixel autofocus camera. Its built-in pistol grip (BIP-6000MaxGrip) enhances work productivity and reduces worker's fatigue for scan-intensive operations.

### Latest Technologies



#### Windows Mobile 6.5 / 6.1 (optional) / Android (optional)

The BIP-6000Max rugged handheld computer family features the full range of latest technologies. 806MHz processor and Windows Mobile 6.5, 6.1 or Android operating system deliver maximum computing power with easy operation and system integration capability. It supports large memory capacity with 256MB RAM 512MB ROM (up to 1GB) and MicroSD slot.

### Flexible Communications



#### HSDPA, Wifi, Bluetooth, AGPS & DGPS

The BIP-6000Max rugged handheld computer family provides accurate and speedy data communication capability for improving work efficiency and work flexibility. This HSDPA, WiFi and Bluetooth equipped handheld computer enables enterprises to stay connected with their field workers in real-time. Its built-in GPS with AGPS and DGPS allows tracking the mobile workers' position and streamlining their route plan.

### Outstanding Ergonomics



#### 3.5" VGA, TouchWindow LCD, Numeric / QWERTY

The large 3.5 VGA display of BIP-6000Max rugged handheld computer family gives visual and tactile enhancement. Moreover, the crack-resistant TouchWindow LCD supports substantial protection for the touch sensitive display. Additionally, Numeric/QWERTY keypad with backlight enables easy and precise typing at any light level.

# Rugged Handheld Computer



Warehousing



Field Force Automation



Logistics



Construction



Government/Public Sector

## APPLICATIONS



Parcel Delivery



Meter Reading



Public Safety



Patient/Pharm Tracking



Mobile Ticketing



Fleet Management



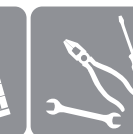
Customer Management



Asset Management



Inventory Management



Facility Management



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



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



**RFID**  
HF RFID Reader



**GPS**  
Integrated AGPS and DGPS



**Camera**  
3.0 megapixel, Autofocus, Flash



**CPU**  
PXA 320, 806MHz



**Memory**  
256MB RAM  
512MB ROM (up to 1GB)



**Smart Battery**  
3.7V, 5,200mAh, Li-ion



**Bluetooth**  
Bluetooth V 2.1+EDR, Class II



**RFID**  
UHF or LF RFID Reader



BIP-6000Max



Pistol Grip

BIP-6000MaxID

## SPECIFICATIONS

PHYSICAL CHARACTERISTICS	
DIMENSIONS (W X H X D)	80 x 160 x 35.5mm / 3.1 x 6.9 x 1.4 inch
WEIGHT	Including battery: 407g / Excluding battery: 292g
DISPLAY	3.5" VGA with backlight, TFT TouchWindow LCD, 260K, 480 x 640 3.5" QVGA with backlight, TFT TouchWindow LCD, 260K, 240 x 320
KEYPAD	29-key Numeric / 50-key QWERTY language customized
BATTERY	Rechargeable, 3.7V, 5.200 mAh, Li-Ion Smart Battery (Backup battery Ni-MH battery rechargeable 15 mAh 2.4V not user accessible)
EXPANSION SLOT	Customer accessible MicroSD slot for removable memory card up to 32 GB / via Bluetooth POS reader of Magnetic / Smart Chip cards
SIM/SAM SLOT	1SIM / 1SAM
AUDIO	High Volue Speakers, Headset jack, microphone, VoWWAN and VoWLAN support
CAMERA	3 megapixel autofocus camera with LED flash / Ultra bright LED flash (optional)
GPS	Integrated GPS with AGPS and DGPS (DGPS compatible with Windows Mobile)
G-SENSOR	Integrated G-sensor
PERFORMANCE CHARACTERISTICS	
CPU	PXA 320, 806MHz
OS	Windows Mobile 6.5 Professional Edition
MEMORY	256 MB RAM / 512 MB Flash ROM ; 256 MB RAM / 1 GB Flash ROM (optional)
INTERFACE	RS-232C, USB 2.0 (full-speed) Host & Client, Ethernet via cradle
USER ENVIRONMENT CHARACTERISTICS	
OPERATING TEMP	-30°C to 60°C / -22°F to 140°F, MIL-STD 810F, Method 501.4, Procedure II, Method 502.4, Procedure I,II&III
STORAGE TEMP	-40°C to 70°C / -40°F to 158°F, MIL-STD 810F, Method 501.4, Procedure I, Method 502.4, Procedure I,II&III
TEMP SHOCK	MIL-STD 810F, Method 503.4, Procedure I (-35°C/65°C)
HUMIDITY	95% non-condensing; meets and exceeds MIL-STD 810F, Method 507.4, 90%RH temp cycle 0°C/70°C
DROP	6ft. / 1.8m drop to steel surface, 2 drops per 6 sides; meets and exceeds MIL-STD 810F
SAND AND DUST	IP65, MIL-STD 810F, Method 510.4, Procedures I&II, KWF-test certified
WATER	IP65, MIL-STD 810F, Method 516.5, Procedure IV, KWF-test certified
VIBRATION	MIL-STD 810F, Method 514.5, Procedure I&II
ALTITUDE	MIL-STD 810F, Method 500.4, Procedure I,II&III, 15,000 ft at 23°C/73°F
INTEGRATED RADIO	
WWAN RADIO	GSM/GPRS/eGPRS(850, 900, 1800, 1900MHz) / UMTS/HSDPA(850, 1900, 2100MHz)
WLAN RADIO	IEEE 802.11b/g, IEEE 802.11a/b/g (optional)
WPAN RADIO	Blueooth V2.1 + EDR, Class II, IrDA 1.2
DATA CAPTURE	
BARCODE READER	1D&PDF417 Laser Class II or 1D/2D CMOS Imager (optional High Density Imager) - Resolution 752x480
RFID READER	Integrated HF RFID, ISO 14443 A/B (MIFARE, Calypso), ISO 15693

BIP-6000MAX FAMILY	BIP-6000MaxID (RFID & Pistol Grip)		BIP-6000MaxGrip (Pistol Grip Only)
DIMENSIONS (W X H X D)	86 x 186 x 152 mm / 3.3 x 7.3 x 5.9 inch		86 x 160 x 152 mm / 3.3 x 6.2 x 5.9 inch
WEIGHT	Including battery: 612g / Excluding battery: 497g		Including battery: 487g / Excluding battery: 372g
RFID READER	UHF	LF	-
FREQUENCY	840MHz to 960MHz	125 kHz & 134.2 kHz	-
PROTOCOL	EPC C1G2, ISO 18000-6C, ISO 18000-6B	ISO 11784, ISO 11785, ISO 18000-2	-
READ RANGE	Up to 236.2 inch / 6 m	Up to 6.3 inch / 14 cm	-

\* RFID read range may vary according to the tag types and reading environment and BIP-6000MaxID & BIP-6000MaxGrip do not include HF RFID and camera option.



## ACCESSORIES



\* Accessories above come with product.

## Bluebird

**Bluebird Soft Inc.** (Corporate Headquarters)  
1242, Gaepo-dong, Kangnam-gu, Seoul, Korea (ROK)  
Phone. +82.70.7730.8000 Fax. +82.2.548.0870

**Bluebird USA Inc.**  
Suite 301, 120 Sylvan Ave, Englewood Cliffs, NJ 07632, USA  
Phone. +1.201.944.0822 Fax. +1.201.944.3577

**Website**  
[Global | bluebirdsoft.com](http://Global.bluebirdsoft.com)  
[EN | mypidion.com](http://EN.mypidion.com)

