

# PA500

## Rugged

## Enterprise

## Mobility



### Powerful Enterprise Mobility

The compact PA500 is ideal for today's enterprise mobility applications. With a powerful Intel PX270 520MHz processor and Windows Mobile 5.0 operating system the PA500 is ready to mobilise your business.

This enterprise PDA offers far greater durability than consumer grade PDAs. It can withstand multiple 1.2m drops to concrete, yet it fits easily into a shirt or trouser pocket. Its small size and light weight make it the ideal device for customer facing or shop floor staff, such as order taking in restaurants, patient care in healthcare and retail order entry or inventory checking.

### Data Capture & Voice – The Choice is Yours

With a comprehensive choice of data capture options as standard, the PA500 can be used to deploy the very latest technology in any business. It has an integrated microphone and headset socket giving users to chance to take advantage of voice recognition and VOIP telephony that can reduce costs and improve the productivity and safety of staff. By unburdening staff of the need to follow instructions and enter data on-screen, they can work hands free and keep their eyes on the job at hand, not the device in-hand. Data can also be captured via touch screen keyboard or the integrated laser scanner, and additional devices or functionality can easily be added via an SDIO slot, such as a camera, RFID reader or GPRS radio.

### Wireless Mobility

The PA500 comes as standard with Bluetooth Class 2 and 802.11 b/g wireless connectivity options, making it ideal for applications where real-time communication is critical. In particular, GPRS users will be able to communicate via Bluetooth radio instead of separate GPRS connection, thereby reducing the GPRS data transmission costs, and freeing up airtime for voice calls.

The PA500 compact enterprise PDA puts flexible, durable and cost saving computing at the heart of the enterprise and in the hands of your staff. Pocket the difference – pocket the PA500.

### Main Features

- Enterprise level PDA
- 802.11 b/g and Bluetooth wireless connectivity
- Integrated microphone and headset socket supports voice & VOIP
- Colour touch screen
- Laser barcode scanner
- SDIO slot supports other devices or additional memorys
- Latest Intel PX270 520MHz processor
- Windows Mobile 5.0 operating system
- Rugged design withstands 1.2Mdrops to concrete
- Compact and light – fits into your pocket

### System

CPU	Intel PXA270 520MHz
Memory	SDRAM: 64MB
	Flash ROM: 64MB
OS	Window MobileTM Version 5.0 Software for Pocket PC Premium Edition

### Display

240x320 QVGA, Color Transflective TFT, with Touch Screen & backlight

### Keypad

6 feature keys + one navigation key

### Input Device

Keypad, Touch Screen, Full Alphanumeric Software Keyboard and Bar Code Scanner

### Laser Bar code Scanner

Scan rate	104 scans/sec. $\pm$ 12 scans/sec. (bi-directional)
Scan Angle	$47^{\circ} \pm 3^{\circ}$ default / $35^{\circ} \pm 3^{\circ}$ reduced

### Symbologies

UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCII, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba.

### Indicator

One LED dual function  
Green, scan data  
Red, charging status

### Communication

USB USB Client, USB Host (V1.1)  
IrDA SIR (UART 2)  
WLAN module 802.11b/g & Bluetooth 1.2

### Audio

Stereo playback, Windows Media Player Support  
MIC  
Speaker  
Headset Connector  
Receiver

### Expansion Slot

SDIO / MMC slot (SD memory and SDIO Ambicom WiFi)

### Power Source

Main Battery	3.7 V, 2200mAH (with UL certification)
	Support 4 hours operation with WLAN connection
Rechargeable	Fully charged within 3.5 hours
Backup Battery	Support 1 hour data back w/o main battery

### Enclosure

Weight	Under 213g with battery & scan engine
Dimension	Approximately L126 X H23 X W76mm

### Environmental

Operating temperature	32°F to 122°F (0°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	4 feet

### Models

WLAN + BT / Without Engine  
WLAN+BT / with Engine

### Software

Microsoft Visual Studio 2005  
Microsoft Windows Mobile 5.0 SDK  
VOIP (via 3rd party)  
Oracle Database Lite

### Accessories

- . Desktop Cradle
- . Battery Charger
- . Earphone
- . PSU
- . USB Communication & Charging Cable
- . Leather Case
- . Cord

### Regulatory Approvals

CB, TELEC, CE, FCC, BSMI, VCCI, CCC, RoHS compliant



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