

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 the 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 memory
- Latest Intel PX270 520MHz processor
- Windows Mobile 5.0 operating system
- Rugged design withstands 1.2m drops 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° \pm 3° default / 35° \pm 3° 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 Backup Battery	Fully charged within 3.5 hours 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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