

PA500

Rugged Enterprise Mobility



Powerful Enterprise Mobility

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

The PA500, with its ability to withstand multiple 4-foot drops to concrete, offers far greater durability than consumer-grade PDAs. Its small size and lightweight form factor make it the ideal device for shop floor staff, restaurant order entry, retail inventory control, and healthcare applications.

Voice Versatility & Data Capture

An integrated microphone and headset jack give users the option of VoIP or voice recognition - increasing productivity and safety by allowing users to keep their eyes on the job at hand, not the device in-hand. Data can be captured via the touch screen keyboard or the integrated laser scanner. Additional devices or functionality can easily be added via the SDIO slot, such as a GPRS radio, RFID reader, or camera.

Wireless Mobility

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

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

Pocket the difference – pocket the PA500.

Main Features

- Microsoft Windows Mobile 5.0 Operating System
- Rugged design withstands 4-foot drops to concrete
- Integrated microphone and headset jack for voice recognition and VoIP
- 3.5" Color touch screen
- 1D Laser bar code scanner
- SDIO slot supports other devices or additional memory
- 520MHz Intel PX270 processor
- 802.11 b/g and Bluetooth wireless connectivity
- Compact and lightweight – fits in your pocket

System

CPU	520MHz Intel PXA270 Processor
Memory	SDRAM: 64MB Flash ROM: 64MB
OS	Microsoft® Window Mobile™ Version 5.0 for Pocket PC Premium Edition

Display

240x320 QVGA, Color Transflective TFT, Touch Screen, and Backlight

Keypad

6 Feature Keys and 1 Navigation Key

Input Device

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

Laser Bar Code Scanner

Scan Rate	104 scans/sec. ± 12 scans/sec. (bi-directional)
Scan Angle	47°±3° default / 35°±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

Dual Function LED
Green (Data scanning)
Red (Charging status)

Communication

USB	USB Client, USB Host (v1.1)
IrDA	SIR (UART 2)
WLAN module	802.11b/g & Bluetooth 1.2

Models

WLAN and Bluetooth without scan engine
WLAN and Bluetooth with scan engine

Audio

Stereo Playback (Windows Media Player Support)
MIC
Speaker
Headset Jack
Receiver

Expansion Slot

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

Power Source

Main Battery	3.7V, 2200mAh (with UL certification) Supports 4 hours of operation with WLAN Fully charges within 3.5 hours
Backup Battery	Supports 30 minutes of data backup

Mechanical

Weight	Under 213g with battery & scan engine
Dimension	126mm (L) x 23mm (H) x 76mm (W)
Shock	Withstands 4-foot (1.2m) drops to concrete

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)

Software

Microsoft Visual Studio 2005
Microsoft Windows Mobile 5.0 SDK for Pocket PC
VOIP (via 3rd party)

Accessories

Desktop Cradle	USB Communication & Charging Cable
AC Battery Charger	Holster (Optional)
Earphone	Bungee Cord for Stylus Earphone

Regulatory Approvals

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



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