

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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