

unitech

PA600 Compact Rugged Mobility



PA600 - Choose The Model That's Right For U

The PA600 comes with a variety of different options, enabling you to select the features and functionality best suited to your business. This starts with your choice of operating system - choose from Windows Mobile 5.0 or Windows CE.NET 5.0 depending on your requirements.

When it comes to data entry, the PA600 enables data to be captured in a variety of different ways - choose from the integrated barcode scanner, keypad, touch screen, or even RFID. Then you can choose which wireless radio to use - WLAN or Bluetooth, or both.

The only choice you won't have to make is whether to compromise operator comfort. The PA600's rounded shape is designed to fit perfectly into the hand to work in harmony with the user. Everything about its design has been developed to make it as ergonomic as possible, down to the positioning of the keys and triggers.

Lightweight But Extremely Powerful

The PA600 is small enough to fit into your shirt pocket. It is the lightest rugged PDA in its class, weighing just 290g. But don't let its size fool you - the PA600 packs a powerful punch with a 520MHz processor and an IP54 rating, making it the ideal choice for Retail, Hospitality, Healthcare, Sales Automation and Field Service markets.

Designed to keep the user moving

The rugged design of the PA600 won't let you down. Thanks to its IP54 rating, the PA600 is resistant to dust and moisture. Its robust build is able to withstand multiple 1.2m drops to concrete.

It also comes with a Dynamic Power Management system enabling the battery to last up to 12 hours, long enough to last a full shift whether in-store or out in the field. This maximises worker productivity as they won't have to stop to change or recharge the battery. User comfort is assured through its ergonomic design and light form factor that fits perfectly into the hand, making it comfortable and easy to use.

Keep in touch with your workers

The PA600 is VOIP ready - this means your workers can contact you using VOIP if they need to, without having to come and find you in a separate building and without having to go to a phone. This keeps them in constant communication whilst ensuring they remain at their point of work.

Lower Total Cost of Ownership

Although the PA600 shares the same compact and lightweight form factor as many consumer grade PDAs, this is where the similarity ends. The PA600's rugged design ensures that it is able to withstand the pressures of professional and industrial use, where consumer grade PDAs would fail. The PA600 can be repetitively dropped without risk of damage and will still work despite coming into contact with moisture or dust. This minimises downtime, reduces repair costs and delivers a much lower Total Cost of Ownership.

The PA600 - The Smart Choice

For applications requiring a compact and rugged PDA look no further. The PA600 has been designed to meet the demands of today's applications as well as being future-proofed for those that are just around the corner.

Safeguard your investment. Choose the PA600.

Main Features

- Powered by Windows Mobile 5.0 / Windows CE.NET 5.0
- Lightest unit in its class at just 290g
- Integrated laser scanner, keypad, touch screen or RFID for data collection
- VOIP ready (Windows Mobile version)
- WLAN & Bluetooth as standard
- RFID ready with expansion option
- IP54 rated for industrial use
- SDIO expansion slot
- Full range of accessories & chargers



System

CPU	Intel PXA270 520MHz
Memory	SDRAM: 64MB Flash ROM: 128MB
OS	Window Mobile™ Version 5.0 Software for Pocket PC Premium Edition Windows CE.NET 5.0 Professional Plus

Display

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

Keypad

18-Key, including numeric key, alpha key and function 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

Led, Vibrator

Communication

USB Host & Client
IrDA 1.2(SIR)
802.11b / g
Bluetooth
Bluetooth supports Bluetooth Printer, Bluetooth Modem,
Bluetooth ActiveSync
GPRS (for data only, limited to CE.Net 5.0 platform only)

Audio

MIC
Speaker
Headset Connector
Receiver

Expansion Slot

SDIO slot

Power Source

Main Battery	3.7V 1950mAh Li-ion battery pack
Backup Battery	One rechargeable Ni-MH backup battery
Operation Hours	Up to 14 hours, depending on configuration and application

Enclosure

Weight	290g with battery
Dimension	Approximately L149.5 X H26.6 X W85mm

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
Environmental Sealing	IP64

Models

BT Only
WLAN+BT
GPRS+BT (for Windows CE 5.0)

Software

Microsoft Visual Studio 2005
Microsoft Windows Mobile 5.0 SDK for Pocket PC
Unitech PA600 SDK
VOIP (Windows Mobile version)
Oracle Database Lite

Accessories

Desktop Cradle	Vehicle Quick Charging Cable
Battery Charger	Holster
4 slot Multi-Bay	

Regulatory Approvals

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



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