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PA600 Compact Rugged Mobility

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PA600 - Choose The Model Right For You

The PA600 comes with a variety of options, enabling you to select the features and functionality best suited to your business. Start with your choice of operating system - choose from Windows Mobile 5.0 or Windows CE 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. For real time communications, the PA600 offers a choice of WLAN for internal use, GPRS for field based applications, and Bluetooth for communications with other devices, such as mobile printers.

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, Extremely Powerful

The PA600 is small enough to fit into your shirt pocket. It is the lightest rugged Mobile Computer 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 IP64 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 IP64 rating, the PA600 is resistant to dust and moisture. Its robust build is able to withstand multiple 1.2m drops to concrete. For remote workers GPRS enables real time communications with back office and service management systems improving efficiency and productivity in the field and improving customer service with instant updates on the status of jobs.

Keep in Touch With Your Workers

The PA600 is VoIP ready, 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 Mobile Computers, 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 Mobile Computers fail. The PA600 can be prettily dropped without risk of damage and will still work despite coming into contact with moisture or dust. This minimizes 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 Mobile Computer look no further. The PA600 has been designed to meet the demands of today's applications as well as being future-proved for those that are just around the corner.

Safeguard your investment. Choose the PA600.

Main Features

- Powered by Windows Mobile 5.0 or windows CE 5.0
- Lightest unit in its class at just 290g
- Integrated laser scanner, keypad, touch screen and RFID for data collection
- Bluetooth, WLAN, GPRS as standard by model configuration
- RFID ready with expansion option
- IP64 rated for industrial use
- SDIO expansion slot
- Full range of accessories & chargers



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System

CPU	Intel PXA270 520MHz
Memory	SDRAM: 64MB / * 128MB (PA600 Explorer 2D)
	Flash ROM: 128MB (PA600 Standard) 320MB (PA600 Explorer)
OS	Window Mobile™ 5.0 Premium Edition Windows CE 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. ± 12 scans/sec. (bi-directional)
Scan Angle	47°±3° default / 35°±3° reduced

Symbologies

- 1D: 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.
- 2D: Imager
1D: Code39, JAN / EAN / UPS, 2 of 5, Code 128, Code 93, Codabar, and more
2D: PDF417, Micro PDF, Datamatrix, QR, Micro QR, Maxicode, and more

Indicator

LED, Vibrator

Communication

- USB Host & Client
- *IrDA 1.2 (N/A in PA600 Explorer)
802.11b / g
- Bluetooth
Bluetooth supports Bluetooth Printer, Bluetooth Modem, Bluetooth ActiveSync
- *eGPRS (Siemens MC75 Radio Module) (N/A in PA600 Standard)
. Quad-Band GSM 850/900/1800/1900 MHz
. EDGE (E-GPRS) Multislot Class 10
. GPRS Multislot Class 12
. GSM Release 99

Audio

- MIC
Speaker
Headset Connector
Receiver
*Receiver / Microphone headset jack (N/A in PA600 Standard)

Expansion Slot

SDIO slot (N/A in PA600 explorer)

Power Source

Main Battery	3.7V 1950mAh Li-Ion Battery Pack
Backup Battery	One rechargeable Ni-MH backup battery
Operation Hours	PA600 Explore: Typical 5 hours (with WiFi) Average 9 hours (w/o WiFi on)
	PA600 Standard: Average 6 hours (With GPRS) Average 9 hours (With WiFi on)

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 (1.2 meter)
Environmental Sealing	IP64

Software

- Microsoft Visual Studio 2005
Microsoft Windows Mobile 5.0 SDK for Pocket PC
Unitech PA600 SDK
- *VOIP (Windows Mobile version)
Oracle Database Lite
Wavelink Avalanche
MCL development suite

Accessories

- 4 slot Multi-Bay
Battery Charger
Desktop Cradle
Extended Battery (To be available)
Holster
Vehicle Quick Charging Cable
Vehicle Dock

Regulatory Approvals

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



Weight 320g with battery
Dimension L149.5 X H35.5 X W85mm

PA600 Explorer

Unitech's PA600 rugged mobile computer with GPRS is designed for remote and field based applications that require real time communications. Running Windows Mobile 5.0 operating system and with Bluetooth connectivity as standard, the PA600 has an integrated barcode scanner plus keypad and touch screen. With the ability to withstand multiple 1.2m drops to concrete and an IP64 rating safeguarding it against dust and moisture ingress, the PA600 with GPRS is tough enough for even the most demanding of mobile applications.

- > 1D BT + GPRS (Windows Mobile)
- > 1D BT + GPRS + WLAN (Windows Mobile)
- > 2D Imager BT + WLAN (Windows CE)
- * not available in some regions



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

PA600 Standard

Small enough to fit into your shirt pocket, the PA600 offers rugged PDA performance with an IP64 rating, yet it weighs just 290g, the lowest in its class. Users get a choice of either Windows CE 5.0 or Windows Mobile 5.0 ensuring the most suitable operating system for their application. The VOIP ready PA600 comes with built-in WLAN and Bluetooth and can capture data via its laser scanner, keypad, color touch screen or even RFID. Downtime is minimized with its Dynamic Power Management system, ensuring the PA600 lasts a full shift of up to 12 hours.

- > 1D BT (Windows Mobile, Windows CE)
- > 1D BT + WLAN (Windows Mobile, Windows CE)

*Not for all models