

# unitech

# PA600 Phone Edition Mobile Computer



## The Unitech PA600 Phone Edition Design Technology for Maximum Efficiency and Application

The Unitech PA600 Phone Edition's innovative and ergonomically designed form factors make for a lightweight compact rugged mobile phone computer with a powerful seamlessly integrated wireless connectivity. To increase the level of functions that Mobile Computers offer, the Unitech PA600 Phone Edition features Mobile Phone capability and makes it an advanced ADC tool as well as a communication media in one single device. The PA600 Phone Edition stands alone in its class for its effective functionality, innovative industrial design features, and advanced applications.

## Unique Features Supporting a Wide Range of Applications

The PA600 Phone Editions mobile phone keypad functionality provides for considerably better touch and tactile feedback offering greater efficiency, faster communication and less noise. It meanwhile provides extensive memory capacity for maximum storage, which contains SDRAM 128MB and FLASH 576MB offering the fastest data processing in its category. The Unitech PA600 Phone Edition multi functional application platform illustrates state of the art technology in its key upgraded features including increased speed of entry, as well as the safety and management of data, making it ideal for the field service and sales automation industries.

## Tough enough for the Harshest of Environmental Conditions

Unitech's PA600 Phone Edition is not only designed for versatility but also for durability with an IP64 rating and drop tested on concrete at 1.2 meters. Having a strong water and dirt resistant design allows for the most rugged of environments and conditions minimizing down time and or repair costs. To work in a harsh mobile environment, such as Transportation and Field Service, the Unitech PA600 Phone Edition is able to protect against unpredictable weather conditions with its solid industrial design. Product functionality and reliability are vital performance enhanced features of the PA600 Phone Edition. A user-friendly functionality makes the PA 600 Phone Edition the product of choice for the reduction of operational costs, timely delivery and accuracy of data readings.

## The Benefit of Cutting Edge Design Technology

In today's ever-expanding market place where time, efficiency and accuracy are of utmost importance. It benefits any mobility enterprise greatly to utilize state of the art global communications technology. The Unitech PA600 Phone Edition is designed for meeting various demands of applications and steps sooner than customers' actual needs. To maximize worker productivity and safeguard your assets, the Unitech PA600 Phone Edition is the win-win solution within a minimized budget.

## Main Features

- Mobile Phone Function for greater accessibility
- Compact and lightweight ergonomic design for mobile workloads or demands
- Flash 576MB and SDRAM 128MB to manage more data smoothly
- Better touch and tactile feedback keypad
- SDIO 1.2a supports HCS D up to 4G for extensive data storage
- -10 °C to 50 °C temperature resistant and IP64 rated for the harshest environment applications

### System

CPU	Intel PXA270 624MHz
Memory	SDRAM: 128MB Flash ROM: 576MB
OS	Windows Mobile 6.1 Professional

### Display

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

### Keypad

20 Keys, including phone keys, alphanumeric keys, and function keys

### 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

Led, Vibrator

### Communication

USB Host & Client  
802.11b / g  
Bluetooth 2.0+EDR  
eGPRS (Siemens MC75 Radio Module)  
\* 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

### Expansion Slot

SDIO slot  
Support SDHC up to 4G

### Power Source

Main Battery	2.200 mAh @ 3.7V is 8,14 Watt-Hour
Extended Battery	3300mAh @ 3.7V 12.21 Watt-Hour
Backup Battery	One rechargeable Ni-MH backup battery
Operation Hours	Typical 12 hours (BT only) Typical 6 hours (Wi-Fi only) Typical 7 hours (GPRS on only) Typical 5.5 hours (Voice only)

\* Engine scanning: 5 sec/scan, barcode data via BT, WiFi or GPRS for transmission, backlight default.

### Enclosure

Weight	290g
Dimension	L149.5 x H 34.5 x 85mm

### Environmental

Operating temperature	14 °F to 122 °F (-10 °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

\* 3 feet with 3300mAh battery and battery door

### Software

Microsoft Visual Studio 2005  
Microsoft Windows Mobile 5.0 SDK for Pocket PC  
Unitech PA600 SDK  
Oracle Database Lite  
Wavelink Avalanche  
MCL development suite

### Accessories

Desktop Cradle  
Battery charger  
Holster  
4 slot Multi-Bay  
Extended Battery  
Vehicle Dock

### Regulatory Approvals

CE, FCC, BSMI, VCCI, CCC, RoHS compliance



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