

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. \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
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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