unitech

PA600 PE
Mobile Computer

**The Unitech PA600 Phone Edition -
Design technology for maximum efficiency**
The Unitech PA600 Phone Edition (PE) is an innovative and ergonomically designed mobile computer with mobile phone capability. This lightweight, compact and rugged handheld provides seamlessly integrated wireless connectivity, making it a powerful data collection and media device. The PA600 stands alone in its class for its functionality, design and advanced applications.

Unique features to support a wide range of applications
The PA600 PE keypad offers improved touch and tackle feedback for faster, more efficient communication and less noise. The extensive memory capacity, 320MB Flash ROM and 128MB SDRAM, allows for maximum storage and the fastest data processing in its category. With a multifunctional application platform, the PA600 PE's upgraded feature set offers improved speed of entry and data management, making it an ideal choice for field service and sales automation applications.

Tough enough for the harshest of environmental conditions
The Unitech PA600 PE is designed for versatility and durability. The outer housing maintains a 4-foot drop threshold to concrete, as well as an IP64 rating for protection against dust and water. Such a rugged design ensures the PA600 PE's high performance in the most rugged of environments and conditions, and minimizes down time and repair costs. Product functionality and reliability are vital performance features of the PA600 PE, making it the product of choice for improved productivity, efficiency and accuracy, and reduced operational costs.

The benefit of cutting edge design
In today's ever-expanding marketplace where time, efficiency and accuracy are of utmost importance, the utilization of global communication technology greatly benefits any mobility enterprise. In order to meet these demands, the PA600 PE incorporates a comprehensive wireless communication platform to maximize worker productivity and safeguard your assets. The Unitech PA600 PE is the ideal choice for performance and value in rugged mobile computing.

Main Features
- Mobile phone functionality for greater accessibility
- Microsoft Windows Mobile 6.1
- Compact and lightweight ergonomic design
- 320MB Flash ROM / 128MB SDRAM
- Better touch and tackle feedback keypad
- SDIO 1.2a, supports SDHC for extensive data storage (up to 4GB)
- IP64 rating and 4-foot drop threshold for harsh environments

POWERED BY ORACLE Windows Mobile Windows Embedded Partner

PA600 PE
Specifications

System Specs

CPU	624MHz Intel PXA270 Processor
Memory	SDRAM: 128MB
	Flash ROM: 320MB
OS	Microsoft Windows Mobile 6.1

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,
Bar Code Scanner

Indicator
LEDs, Vibrator

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 ASCI,
Code 93, Code 32, Interleaved & Std. 2 of 5,
EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba

Communication

USB	1.1 Host & Client
WLAN	IEEE 802.11b/g
PAN	Bluetooth 2.0 EDR
WWAN	eGPRS (Siemens MC75 Radio Module)
	• Quad-Band GSM 850/900/1800/1900 MHz
	• EDGE (eGPRS) Multislot Class 10
	• GPRS Multislot Class 12
	• GSM Release 99

Audio
MIC, Speaker, Headset Connector, Receiver

Expansion Slot

SDIO slot
Supports SDHC (up to 4GB)

Power Source

Main Battery	3.7V 2200mAH Li-ion battery pack
Backup Battery	One rechargeable Ni-MH backup battery
Operation Hours	Up to 12 hours (Bluetooth only)
	Up to 7 hours (GPRS only)
	Up to 6 hours (Wi-Fi only)
	Up to 5.5 hours (Voice only)

Enclosure

Weight	290g
Dimension	Approximately H149.5mm x W85mm x D26.6mm

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 (1.2m)
Environmental Sealing	IP64

Software

Microsoft Visual Studio 2005
Microsoft Windows Mobile 6.0 SDK
Unitech PA600 SDK
Oracle Database Lite
Wavelink Avalanche

Accessories
Desktop Cradle
Battery Charger
Holster
Vehicle Cradle
Extended Battery
4-Slot Multi-Bay Cradle

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

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