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PA968
Mobile Computer

Designed for maximum efficiency and versatility
The Unitech PA968 mobile computer features an ergonomically designed, ultra robust Aluminum-Magnesium alloy housing. Ideally suited for a wide range of applications in any transportation or field service based enterprise, the PA968 offers four fully-integrated wireless technologies into a versatile multi-functional platform.

Tough enough for even the most adverse environmental conditions
Not only designed for versatility, the PA968 is also constructed for durability with an IP65 rating and 5-foot drop threshold to concrete. Having a strong water and dirt resistant design makes the PA968 suitable for the harshest environments and conditions, minimizing down time and repair costs. Product functionality and reliability are vital performance enhancement features of the PA968.

The powerful and seamlessly integrated wireless platform
The PA968 utilizes state of the art technology in its seamless wireless connectivity. Supported by Windows CE for application customization, the PA968 has built-in GPS with InstantFixTM and 3.5G (including HSDPA) wireless capability. With these networking capabilities, the PA968 is able to track / trace the device and applicants via satellite; and transmit collected data to server in a very short time.

High-end security to avoid losing confidential data
Security is also an important aspect of data collection, thus, the PA968 has a built-in high-resolution finger print reader to confirm user ID authentication and to protect their privacy and important business information. In addition, the PA968 is equipped with a large memory capacity to maximize data storage, thereby eliminating the need for additional memory accessories, to further safeguard against data loss.

The unique benefit of cutting edge design
In today's ever-expanding market place 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 PA968 offers optional Intelligent Modularized Keypads to meet the needs of various applications. The swappable keypad option enables users to minimize downtime and provides a more convenient and cost-effective solution for special keypad requests. To further address the needs of the modern mobile workforce, the PA968 includes a high sunlight readability LCD for increased screen visibility when working outdoors.

User-friendly functionality and innovative design make the Unitech PA968 the product of choice for reducing operational costs and providing timely delivery and accuracy of data readings, all in one incredibly useful device.

Main Features
- All new, lightweight aluminum-magnesium alloy design
- Optional intelligent modularized keypads
- High sunlight readability, 3.5-inch high resolution touch screen with LED backlight
- Windows CE 5.0 for customized applications
- Built-in GPS system with InstantFixTM support for global access and positioning
- 3.5G wireless capabilities (including HSDPA)
- 802.11b/g (CCX4 certified), Bluetooth 2.0 + EDR
- Linear laser scanner and 2D imager, reads most common bar code symbologies
- IP65 rating, 5-foot drop threshold to concrete
- 2 megapixel color camera with LED flash for clearer images
- 500 dpi finger print scanner designed for ID authentication management
- Large battery capacity, 13.69 Watts, ensures long operating time
- 320MB FlashROM and 128MB RAM for system and user data storage (the largest memory capacity in its class)

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Specifications

► System Specs

CPU	520MHz Intel PXA270 Processor
Memory	SDRAM: 128MB
	Flash ROM: 320MB
OS	Microsoft Windows CE 5.0

► Display

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

► Keypad

Modularized keypad: 24-key keypad in default package, includes numeric keys, alpha keys and function keys

43-key keypad (optional)

► Input Device

Keypad, Touch Screen, Full Alphanumeric Software Keyboard, Bar Code Scanner and Finger Print Scanner (optional) 500DPI / 256 gray scale

Camera	2.0 Megapixels
Flashlight	60 Lux (30cm)

► Indicator
LEDs, Vibrator

► Symbologies

1D Bar Code Engine

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

2D Imager (optional)

1D codes	Australian post, British post, Canadian post, Codabar, Code 11, Code 128, Code 39, Code 93, EAN 13, EAN 8, IATA 2 of 5, ITF, ISBT, Japanese post, Kix code (nl), Korean post, Matrix 2 of 5, MSI, Planet code, Postnet, RSS expanded, RSS limited, RSS 14, UPC A, UPC E, UPC E1
2D codes	Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC, composite, Maxicode, Micro PDF417, PDF 417, QR code, Tcif lonked C39

► Audio
MIC, Speaker, Headset Connector, Receiver

► Communication

USB	1.1 Host & Client
WLAN	IEEE 802.11b/g, (CCX4 certified)
PAN	Bluetooth 2.0 EDR
WWAN	3.5G Five-bands, GSM/GPRS 850MHz , 900MHz 1800MHz and 1900MHz, UMTS WCDMA/HSDPA, 50MHz, 1900MHz, 2100MHz / GPRS EDGE
GPS	Sirf star III Chip set, Supporting InstantFix™

► Power Source

Main Battery	13.69 Watts Li-ion battery pack
Backup Battery	One rechargeable Ni-MH backup battery
Operation Hours	Up to 10 hours, depending on configuration and application

► Enclosure

Weight	500g
Dimension	Approximately 199.5mm x 88mm x43.3mm (Antenna length excluded)

► 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	5 feet (1.5m)
Environmental Sealing	IP65

► Software
Microsoft Visual Studio 2005
Microsoft Windows CE 5.0 SDK (from Unitech)
Oracle Database Lite

► Accessories
Desktop USB Cradle
USB communication and charging cable
AC adapter (with regional power cord)
Vehicle Cradle
Battery Charger
4-Slot Multi-Bay Ethernet Cradle

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

01/09 REV.A

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