



PA968II

Rugged Secure Mobile Computer

Designed for Maximum Efficiency and Versatility

The Unitech PA968II mobile computer is a fully integrated, multi function platform that offers a high level of mobility and versatility. Featuring an ultra robust Aluminum-Magnesium alloy housing and ergonomically designed form factor, the PA968II boasts four fully integrated wireless technologies. The GPS system offers precise and accurate global readings wherever you may be around the world, making the PA968II an ideal choice for a wide range of applications in any transportation or field service-based enterprise.

Tough enough for even the most Adverse Environmental Conditions

The PA968II is not only designed for versatility but also for durability. With its strong IP65-rated seal against water and dirt, and its 1.5m (5 feet) drop threshold to concrete, the PA968II can withstand significant abuse thereby minimizing downtime and repair costs. Ideally suited for harsh mobile environments, such as those found in Transportation, Field Service and Law Enforcement, the PA968II can withstand the effects of inclement weather and provide the functionality and reliability vital to the success of mission critical applications.

The Powerful and Seamlessly Integrated Wireless Platform

The PA968II utilizes state of the art technology in its seamless wireless connectivity. With robust networking capabilities, such as built in InstantFix™ GPS and an advanced 3.5G (including HSDPA) wireless communication platform, the PA968II is able to track / trace via satellite, and transmit collected data to a server in a very short time.

The Unique Benefit of a Cutting Edge Design

In today's ever-expanding market place where time, efficiency and accuracy are of the utmost importance, the utilization of state-of-the-art global communication technology provides substantial benefits to any mobility enterprise. The PA968II offers just that in its optional intelligent Modularized Keypads to meet customers' various needs for different applications. The swappable keypad option enables users to minimize downtime and is more convenient and cost-effective for any special keypad requests.

Main Features

- All New Lightweight Aluminum-Magnesium Alloys Design
- Optional Intelligent Modularized Keypads
- High Sunlight Readability 3.5 inch VGA High Resolution Touch Screen with LED backlight
- Windows Embedded Handheld 6.5 Professional/Classic
- Built in GPS systems with InstantFix™ supported for global access and positioning
- Supports 3.5 G wireless capabilities (including HSDPA)
- Supports 802.11b/g (CCX4 certified)
- Supports Bluetooth 2.1 + EDR
- Supports linear laser scanner and 2D imager, reads most common barcode symbologies
- IP65 rating drop tested at 1.5m (5 feet) off concrete floor
- Large battery capacity at 13.69 Watts to ensure long hours operating time
- Optional Gungrip models

Operation System

CPU	Marvell PXA320 806MHz
Memory	Mobile DDR: 256MB NaND Flash: 512MB
OS	Windows Embedded Handheld 6.5 Professional/Classic

Display

480x640 VGA, Color LCD, with Touch Screen & backlight

Keypad

Modularized keypad 22-Key in default package,
43 keys keypad is optional
(Numeric and alpha key)

Image Device

Camera	2.0M pixels
Flash light	60 Lux (30cm)

Indicator

LEDs, Vibrator

Symbologies

1D Barcode Engine

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 (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 2.1 + 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 Chipset, 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 Specification	1.5m (5 feet)
Sealing	IP65

Software

Microsoft Visual Studio 2005/2008
Mobile SIP(VOIP)
Auto Installer

Accessories

Desktop USB Cradle
Desktop Ethernet Cradle
USB communication and charging cable
AC adaptor (with regional power cord)
Battery charger
4-slot Multi-Bay Ethernet Cradle

Regulatory Approvals (to be certificated)

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



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