

Rugged Secure Mobile Computer



Unitech PA968II for Maximum Efficiency and Application

The ultra robust Aluminum-Magnesium Alloys housing yet ergonomically designed and 4-wireless technologies fully integrated Unitech PA968II mobile computer is a fully integrated and multi functional platform offering a high level of mobility and versatility. It is ideal for a wide range of applications in any transportation or field service based enterprise. Offering precise and accurate global readings wherever the location throughout the world.

Tough enough for even the most Adverse Environmental Conditions

Unitech PA968II is not only designed for versatility but also for durability with an IP65 rating and drop tested on concrete at 1.5m (5 feet). Having a strong water and dirt resistant design allows for the most rugged environments and conditions minimizing down time and repair costs. To work in a harsh mobile environment, for example Transportation, Field Service and Law Enforcement, the unitech PA968II is able to protect against unpredictable weather effect with its rugged industrial design. Product functionality and reliability are vital performance enhanced features of the PA968II.

The Powerful and Seamlessly Integrated Wireless Platform

The PA968II utilizes state of the art technology in its seamless connectivity, built in GPS with InstantFix™ supported, and an advanced 3.5G (including HSDPA) wireless capability mobile communications system in a single device. With these networking capabilities, the unitech PA968II is able to track / trace the device and applicants via satellite; and transmit collected data to server in a very short time.

The Unique Benefit of an Cutting Edge Design

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 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 Mobile 6.5.3 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	Intel PXA320 806MHz
Memory	Mobile DDR: 256MB
	NaND Flash: 512MB
OS	Windows Mobile 6.5.3 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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