

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 InstantFix™ 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 InstantFix™ 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)

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 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 2.0 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 x 43.3mm (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



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