unitech

PA968

Rugged Secure
Mobile Computer

Unitech PA968 for Maximum Efficiency and Application
The ultra robust Aluminum-Magnesium Alloys housing yet ergonomically designed and 4-wireless technologies fully integrated Unitech PA968 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 PA968 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 PA968 is able to protect against unpredictable weather effect with its rugged industrial design. Product functionality and reliability are vital performance enhanced features of the PA968.

The Powerful and Seamlessly Integrated Wireless Platform
The PA968 utilizes state of the art technology in its seamless connectivity supported by WinCE for customization, built in GPS with InstantFixTM supported, and an advanced 3.5G (including HSDPA) wireless capability mobile communications system in a single device. With these networking capabilities, the unitech 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
It is also important for data collection industries to keep all their information safe; thus, the unitech PA968 has a built-in high-resolution fingerprint reader to confirm users' ID authentication to protect their privacy or important business information. In addition, this device is equipped with a large memory to save as much data as possible to easily accommodate massive information in the terminal without any additional accessories required safely guarding against date being lost.

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 PA968 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. Furthermore, Unitech PA968 understands how the environment affects the work efficiency of people who use it; thus, a high sunlight readability LCD is built-in for this reason. A user-friendly functionality makes the unitech PA 968 the product of choice for the reduction of operational costs, timely delivery and accuracy of data readings, providing an incredibly useful device.

Main Features
- All New Lightweight Aluminum-Magnesium Alloys Design
- Optional Intelligent Modularized Keypads
- High Sunlight Readability 3.5 inch High Resolution Touch Screen with LED backlight
- WinCE Net 5.0 for customized applications
- Built in GPS systems with InstantFixTM supported for global access and positioning
- Supports 3.5 G wireless capabilities (including HSDPA)
- Supports 802.11b/g (CCX4 certified)
- Supports Bluetooth 2.0 + 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
- 2 Mega Pixels Camera with LED flashlight offers clearer images
- 500 dpi Fingerprint Scanner designed for ID authentication management
- Large battery capacity at 13.69 Watts to ensure long hours operating time
- 320MB FlashROM and 128MB RAM for system and user's data storage (the largest memory capacity in its class)

POWERED BY ORACLE

Windows® Embedded Partner

unitech

PA968
Specifications

► Operation System

CPU	Intel PXA270 520MHz
Memory	SDRAM: 128MB
	Flash ROM: 320MB
OS	WinCE.NET5.0

► Display

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

► Keypad

Modularized keypad   24-Key in default package,
including numeric key,
alpha key and function key
43 keys keypad is optional

► Input Device

Keypad, Touch Screen, Full Alphanumeric Software Keyboard and
Bar Code Scanner Fingerprint scanner(optional) 500DPI /
256 grey scale

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 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, Canedian 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 Instant Fix™

► 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)

► 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 adaptor (with regional power cord)
Vehicle Cradle
Battery charger
4 slot Multi-Bay Ethernet Cradle

► Regulatory Approvals (to be certificated)
CE, FCC, BSMI, VCCI, CCC, RoHS compliance

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