

# PA982

## Ultra Rugged Mobile Computer



### Extreme environments need extreme solutions!

When your business demands that mobile workers work in harsh environments they need equipment that is as rugged as they are, and the ultra-rugged PA982 mobile computer is as tough as they come. From its crystal clear colour touch screen and rugged keypad, both designed for use with or without gloves, to its ability to perform in conditions as low as -30°C and as high as 50°C, the PA982 mobile computer is the perfect choice for difficult working conditions.

### Unconditional service – that won't let you down

Whether it's being used in cold storage, forestry, shipyards, transportation or any other number of industries, the PA982 is a mobile computer that your operators can trust to keep working as long as they do. With its internal intelligent heater system, the PA982 can be used in operating temperatures as low as -30°C. It also has an impressive IP67 rating, so it is protected against the effects of immersion of up to 1 meter, as well as having full dust protection. It can also withstand 1.2m drops to concrete.

### Permission to roam

The PA982 will keep your mobile workers connected across even the widest operating area, both indoors and outdoors. It comes as standard with Bluetooth and its PCMCIA slot allows easy and on demand integration of technologies such as WLAN or WWAN, or additional memory cards, future-proofing your investment.

### Easy to use – whatever the conditions

Whether inside or outside, poor lighting will never again be the cause of errors, delays and frustrations in your data collection applications. The PA982 has been designed for use in even the poorest lighting conditions, with or without gloves. It features a large colour touch screen display with backlight and stow-away stylus, and a backlit 22-key alpha/numeric keypad with assignable function keys for one-touch operations.

It comes pre-loaded with Windows CE 5.0 Professional operating system for simple customisation and broad configuration options, and the SDK enables quick deployment of new applications taking full advantage of the 400MHz Intel processor and the large 64MB SDRAM memory.

### Performance under pressure

The PA982 offers flexible data entry in a variety of stock control and warehousing applications, food retail environments and chilled or even frozen food transportation. Its advanced double-cell battery pack supports operation for up to 12 hours, with a short 4 hour recharge cycle and its ergonomic design ensures maximum user comfort. Operating hours can be extended further using the add-on gun grip with integrated 2nd battery, extending the operating hours to 18-20 hours, application depended. Enough for U!

Available with either a standard or long range integrated laser scanner, the PA982 gives its users the flexibility to scan on foot or from a forklift or vehicle cab. Use the PCMCIA expansion slot and the PA982 can be quickly transformed into a dual technology laser scanning and RFID tag reading device.

### The PA982 – Too tough for U?

When you're in the business of collecting and processing data in extreme environments, you can rely on the PA982 to be tough enough to keep on working, whatever the conditions. The only question is "How tough are U?"

### Main Features

- Microsoft Win CE 5.0 Professional
- Intel 400 MHz processor
- QVGA backlit touch screen
- Backlit 22-key keypad
- IP67, rated against dust and liquid immersion
- Operating temperature: -30° - 50° C
- Internal heater
- 1.2 meter multiple drops to concrete
- Bluetooth on board
- PCMCIA slot for expansion of WLAN or WWAN
- Optional field installable add on gun grip (plus 2nd battery)

# PA982

## Specifications

### PROCESSING & MEMORY

Intel Processor 400MHz  
64MB SDRAM  
64MB Flash ROM

### OPERATING SYSTEM

Windows CE 5.0 Professional Plus

### KEYBOARD

22-key watertight rubber keys. Alpha via mobile phone style "triple tap"  
Scan buttons located on both sides of the terminal  
Keypad EL backlight

### DISPLAY & TOUCH SCREEN

240 x 320 Color LCD  
With backlit with touch screen  
With display heater

### OPTIONAL GUN GRIP

grip handle with scan trigger, with internal Li-Ion battery for extended battery applications.

### READER

Integrated liner bar code scanner  
Long Range(optional)  
RFID Reader(optional)

### BARCODE SYMBOLOGIES

Code 39, Interleaved 2 of 5, UPC-A, UPC-E, Code 128, Plessey, EAN-8 and EAN-13, Code 93, Codabar, Maxi Code, QR Code and others not listed here

### LED INDICATOR

1 Dual color (green/red) LED (indicating good read and charging)

### DATA COMMUNICATION

IrDA (SIR)  
Bluetooth  
USB client & Host  
802.11b / g (via expansion slot)  
GSM / GPRS (via expansion slot)

### EXPANSION SLOT

PCMCIA Type II slot

### POWER SUPPLY & MANAGEMENT

Rechargeable Li-Ion 7.4V @ 2080mAH main battery,  
Optional rechargeable Li-Ion 2200mAH gun grip handle battery  
Rechargeable Li-Ion backup battery, 3.7V @450mAH for data retention.

### ENCLOSURE

Dimension  
PA982 Terminal(w/o gun grip)  
Length : 221.3mm, Width : 99.5mm, Height : 52.3mm  
PA982(with gun grip)  
Length : 221.3mm, Width : 99.5mm, Height : 177.5mm

### Weight

PA982 Terminal w/o gun grip : 700g  
PA982 Terminal with gun grip : 900g

### ENVIRONMENTAL

Operating temperature range : -30°C to 50°C (-22°F to 122°F)  
Storage temperature range : -30°C to 70°C (-22°F to 158°F)  
Charging temperature range : 0°C to 40°C (32°F to 104°F)  
Drop specification : 1.2 meter to concrete  
Dust & water protection enclosure rating : IP 67

### REGULATORY

CE, FCC, BSMI, VCCI, RoHS compliant

### ACCESSORIES

- Desk top cradle w/power jack for terminal charging, USB connector for ActiveSync to PC, Ethernet supported
- Terminal to PC RS-232 cable for charging & communication
- AC/DC power adapter
- Gun grip handle with internal Li-Ion battery



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