



PA550 Rugged Meets smartphone

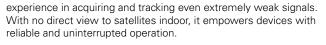
Without doubt the PA550 features all smartphone functionalities desired by modern PDA users. This allows mobile workers to benefit from its very compact size, finger-friendly operation, the latest Windows Embedded Handheld 6.5.3, high speed Marvel 806MHz processor and all modern wireless connectivity options. The PA550 has been carefully purpose-built to meet the critical needs of sales automation and field service applications, including 1.2m free drops and an IP54 sealing. The unique PA550 keypad design encompasses a complete line up of individual numeric keys, an ergonomic center-to-center gap between each key to avoid miss typing and programable indepen-dent function/hot keys providing the best data input convenience and comfort to users. Last but not the least, the PA550's battery capacity makes sure that those mobile workers can stay in operation for a full day shift without interruption.

Tracking and Tracing, Anytime, Anywhere

The PA550 features a built-in flash light and auto-focus 5 mega pixel camera. This high resolution camera allows users to take photos and videos for proof of service. Its integrated GPS, Bluetooth 2.1+EDR, 802.11 b/g and 3.5G WWAN HSDPA broadband wireless connectivity options allow the device, point of service and proof of service to be positioned, tracked, traced and transferred from every location throughout the world.

High performance GPS

The PA550 uses Ublox NEO-5Q professional GPS module with KickStart® technology to provide accelerated startup in weak signal environments. SuperSense® technology delivers a seamless GPS



Sunlight readable LCD and high performance GPS

Thanks to Blanview® technology on the LCD screen excellent sunlight readability is delivered. The minimal power consumption and a large viewing angle of more than 80 degrees make the PA550 ideal for outdoor usage. A Smart Light Sensor also enables the LCD screen to detect the environmental lightness and to adjust the brightness in an intelligent way without manual configuration. These features combined with the form factor and latest modern communication technologies make the PA550 a unique device for today's and tomorrow's market.

Main Features

- Rugged, compact PDA
- Multiple wireless options: Bluetooth, 802.11 b/g, 3.5G UMTS/HSDPA and GPS
- QWERTY keypad with individual numeric keys and function keys
- 2.8" Sunlight readable touchscreen
- Laser barcode scanner
- 806MHz Marvell PXA320 processor
- Windows Embedded Handheld 6.5.3 Professional
- 1.2m drop threshold to concrete
- IP54 environmental sealing
- Long-lasting battery for extended device runtime







Operation System

CPU	Intel PXA320 806MHz
RAM	Mobile DDR 256MB
ROM	NaND 512MB
OS	Windows Embedded Handheld
	6.5.3 Professional

Display

2.8" QVGA transflective color LCD with touch screen and backlight (Excellent sunlight readability, 80° viewing angle) - 135 DPI

Keypad

QWERTY keypad with individual numeric keys Numeric keypad (optional)

Camera / Photos / Video

5.0 megapixel auto-focus camera with flash Unitech MPEG-4 video codec (VGA resolution)

Indicator

3 Leds indicating Charging and Scanning Vibrator

Integrated reading devices

1D Laser

Symbologies

1D Laser scanner UPC-A/E, EAN-8/13, Codabar, Code 11, Code 32, Code 93 (full ASCI), Code 128, Interleaved & Std. 2 of 5, EAN 128, Delta, MSI/Plessey, Toshiba

Communication

USB USB 1.1 Host & Client WLAN IEEE 802.11b/g Bluetooth 2.1 + EDR ΡΔΝ **WWAN** 3.5G Five-bands, GSM/GPRS 850Mhz, 900MhZ, 1800Mhz and 1900Mhz ,UMTS WCDMA/HSDPA 50Mhz, 1900Mhz, 2100Mhz / GPRS Edge Ublox NEO-5Q GPS with KickStart® and GPS SuperSense® technologies

9.25 Watts (3.7V@2500mAh) Li-ion battery pack

Date/Time retention - 2 hour - 18mAh

Power Source

Main Battery Backup Batterv **Operation Hours**

Audio

Speaker 0.8W - Mono Headset Connector 3.5mm 4 pole; L/R speaker & mic Receiver Echo Cancelation Microphone

1 scan/5 sec. - 7 hours

Expansion Slot

Micro SD Support SDHC up to 32GB

Enclosure

Weight Dimension 330g incl battery Approximately 125mm x 82mm x 35mm (Antenna length excluded)

- Environmental

Operating temperature Storage temperature **Relative Humidity** Drop specification Sealing

-10°C to 50°C -20°C to 60°C 5% ~ 95% (non-condensing) 1.2 meter IP54

12Manage & 12Solutions

Software

Microsoft Visual Studio 2005/2008 Mobile SIP(VOIP) Oracle Database Lite



In-house developed software to enhance device deployment and remote management. 12[want:to]Solutions including 12Manage improve system reliability, reduce service costs and ensure systems running smootly. More info: www.unitechnical.info

Accessories

Desktop USB Cradle with Battery charger Desktop Ethernet Cradle with Battery charger USB communication and charging cable AC adaptor Universal Power Plugs Vehicle Cigarette Charger Mono 3.5mm Headset Car kit

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



Unitech's service program

UnitCare offers customers a high level of security by a reliable, high-quality and effective program for getting your devices serviced guickly. It also drives the hidden costs out of your installations. UnitCare goes beyond the standard warranty with a complete service offer for different need.

More information: www.unitcare.info



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