



# PA692<sub>series</sub>

## Rugged, fast & productive

Unitech's PA692 is a rugged mobile computer combining the latest 3.75G wireless communication and advanced performance to provide the best data communications in today's aggressive business environment. The PA692 offers a host of data collection options and a comprehensive wireless communication platform, all in a compact, durable and ergonomic form factor.

The PA692 just offers everything mobile workers need to facilitate their daily job.

**Microsoft CE.NET, Mobile Pro and Mobile classic** models available.

### Fast and durable

Equipped with an industrial grade 1GHz processor and optional (Windows Embedded CE 6.0, Embedded Handheld 6.5 Professional or Classic) operating system, makes the PA692 suitable for data-intensive applications in highly mobile environments. CE.NET/Windows® Embedded Compact mobile workers can easily accelerate their workflow with the Unitech PA692CE model. Benefit with extended features without the need to rewrite your applications.

Capable to withstand a multiple 1.5m drops to concrete and IP65 rated against water and dust, makes this extreme rugged device built to last!

### Full connectivity

The PA692 provides multiple wireless communications that includes an integrated GPS, Bluetooth, Wi-Fi and 3.75G connectivity. The PA692's external antenna for WWAN and WLAN ensures excellent wireless connectivity and performance. Mobile workers can easily access information and accelerate their workflow while they're on the go.

### All-in-one Functionality

PA692 offers an integrated 1D / 2D scanning capability, as well as a HF/NFC or UHF RFID reader/writer and GPS, combining multiple functions in one compact size. The PA692 provides convenient shortrange reading capabilities for a variety of vertical applications such as asset management, ticketing, person identification and retail inventory management.

### Accessories and options

The PA692 offers everything you'll need to make the PA692 the ideal rugged handheld solution for your mobile workforce. The PA692 comes in various model and with a variety of accessories like communication and charging cradles, extended batteries, car kits, headsets and more.

## Choose your technology 1D laser, 2D imager, HF/NFC or UHF RFID \*

### Main features

- Powerful and fast performance  
Industrial grade 1GHz processor
- Choose your preferred OS  
Windows Embedded CE 6.0, Embedded Handheld 6.5 Professional or Classic
- Various data reading options\*  
1D laser, 2D imager, HF/NFC or UHF RFID
- Designed for toughest environments  
IP65 sealing and 1.5m drop specification
- Suitable for any mobile worker\*  
GPS, Bluetooth, Wi-Fi and 3.75G connectivity



\* The available options vary according to OS type.

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# V3 PA692 series Specifications

## Operation System

CPU	TI AM3715 1G MHZ
Memory	512MB Mobile DDR RAM 512MB NAND Flash
OS	Windows embedded CE 6.0* , Windows, Embedded Handheld 6.5 Professional and Classic
Languages support	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

## Display

Windows Embedded Handheld: Transflective color 3.8" full WVGA with backlight 800 x 480 sunlight readable LCD.  
Windows embedded CE\*\*: Transflective color 3.8" full WQVGA with backlight 400 x 240 sunlight readable LCD.

## Keypad

QWERTY or 26-key Numeric keypad

## Camera/Photos/Video\*\*\*

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

## 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 E 1

2D codes:

Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC, composite, Maxicode, Micro PDF417, PDF 417, QR code, Tc1f Ionked C39

## RFID Reader\*\*\* (optional)

HF/NFC	Frequency : 13.56MHz Tag Support : ISO15693, ISO14443A , ISO14443B Support NFC
UHF	ISO/IEC 18000-6C EPCglobal Class 1 Gen 2 Operating Frequency 840-960 MHz

## Communication

USB	USB 2.0 Client and Host
WLAN	IEEE 802.11 a/b/g/n CCX4 Compliance and WiFi certification
Bluetooth	Bluetooth 2.1 + EDR with Bluetooth SIG certification
WWAN	3.75G Radio UMTS / HSPA+, 3GPP release 6 / 7 USA: Dual Band UMTS/HSPA+ (850, 1900 MHz), Dual-Band GSM (850/1900 MHz) EU: Dual Band UMTS/HSPA+ (900/2100 MHz),

\* Windows embedded CE 6.0 version is available with USB, WLAN and Bluetooth communication and 1D barcode engine or 2D imager. \*\* Will become WVGA 800x480. Subject to change without notice. \*\*\* Only available on Windows Embedded Handheld versions.

## Power Source

Main Battery	8.14 Watt-Hour 3.7V @2200 mAh 14.8 Watt- Hour 3.7V @4000 mAh
Backup Battery	Li-ion battery Supports 2 hours backup

## Audio

Dual Microphone with Echo Cancellation and Noise reduction design  
1W Speaker  
3.5mm headset jack  
Receiver

## Expansion Slot

MicroSD microSD slot with SDHC Support (up to 32GB)

## Enclosure

Weight	390g(13.76 oz) with 2200mAh Battery 430g(15.17 oz) with 4000mAh Battery
Dimension	17.7 cm x 7.4 cm x 4 cm (Antenna length excluded)

## Environmental

Operating temperature	-10°C to 50°C
Storage temperature	-20°C to 60°C
Relative Humidity	5% ~ 95% (non-condensing)
Drop Specification	1.5m
Sealing	IP65

## Software

Mobile SIP (VoIP)  
Auto Installer



### 12Manage & 12Solutions

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 smoothly.

**More info: [12manage.unitech.eu](http://12manage.unitech.eu) or [portal.unitech.eu](http://portal.unitech.eu).**

## Accessories

Desktop USB Cradle with battery charger  
Desktop Ethernet Cradle with battery charger  
4 slot Multi-Bay Ethernet Cradle  
Gun grip  
Vehicle Cradle  
4 slot battery charger  
Universal Power Supply  
Li-Ion double battery pack 3.7V 4.000mAh  
USB communication and charging cable  
RS232 communication and charging cable  
Vehicle Cigarette Light Charger  
Belt Holster  
Headset  
Stylus

## Regulatory Approvals

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



### Unitcare's service program

UnitCare offers customers a high level of security by a reliable, high-quality and effective program for getting your devices serviced quickly. 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: [unitcare.unitech.eu](http://unitcare.unitech.eu).**

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