# PA692 series

## 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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# V5 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
Transflective color 3.8" full WVGA with backlight 800 x 480 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 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, Japanesepost, 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

### 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.
\*\* 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 Cancelation 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 or 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
Belt Holster
Headset
Stylus

### 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 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.**

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