



PA692

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.

Fast and durable

Equipped with an industrial grade 1GHz processor and flexible Windows Embedded Handheld 6.5 operating system makes the PA692 suitable for data-intensive applications in highly mobile environments. 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 HF/NFC or UHF

Main features

- Powerful and fast performance
Industrial grade 1GHz processor
- Designed for toughest environments
IP65 sealing and 1.5m drop specification
- Suitable for any mobile worker
GPS, Bluetooth, Wi-Fi and 3.75G connectivity
- Various data reading options
1D laser, 2D imager, HF/NFC/UHF RFID

PA692

Specifications

Operation System

CPU	TI AM3715 1G MHz
Memory	512MB Mobile DDR RAM 512MB NAND Flash
OS	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 ASCII, Code 128, 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 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),

Power Source

Main Battery	8.14 Watt-Hour 3.7V @2200 mAh
Backup Battery	14.8 Watt- Hour 3.7V @4000 mAh Li-Coin 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)
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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
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