



# PA720

## Enterprise Digital Android Assistant

The PA720 rugged handheld computer revolutionize the way you do business.

Compact design but powerful - The Unitech PA720 enterprise digital assistant brings performance, durability and speed into a distinctive device. Powered by the latest Android 5.1 operation system (soon available to upgrade to 6.0 ) and a 64-bits quad-core processor. In addition, the PA720 has a 4G LTE wireless communication technology and integrated 1D/2D barcode scanner that is aggressive and accurate. It is a versatile data collection tool for every need in the enterprise solutions.

### Rugged, sleek and stylish

Built with a 4.7" color multi-touch display, supporting water rejection and wet finger tracking, stylish rounded edges design and weight of less than 287g (with battery), this PA720 is portable to take around anywhere you go.

Engineered with industrial grade materials and enhanced with a Gorilla Glass 3 screen (7H hardness) to keep it scratch free, the PA720 is rugged enough to drop from 1.5 meters onto concrete. This device is able to survive in harsh environments with its IP65 waterproof and dust-proof rating.

### High Productivity with Superior Performance

The PA720 runs on Android 5.1 (and optional 6.0 upgrade) operating system. This allows users to develop in an open source platform with thousands of enterprise grade applications. In addition, the PA720 includes an integrated an advanced 64-bit quad-core CPU (1.3GHz) and plenty of RAM and power for your business applications.

This device is also equipped with a powerful Cryogenics Circuit Design battery that provides 3x longer operating time when used below -20°C, an 8 megapixel rear-facing camera, 5 megapixel front-facing camera and superior 1D and 2D barcode reader.

### Blazing-fast 4G LTE network

Designed to be used in the work environment, PA720 offers blazing-fast 4G LTE network, WiFi 802.11 a/b/g/n, which enables users to download files from the internet up to 10 times faster than with 3G. Moreover, it also supports GPS, NFC and Bluetooth 4.1.

### User-Friendly Functionality

The PA720 is constructed for field service workers and business-critical applications. In order to be user-friendly, this device not only built in an easy hot-swap battery design that allows users to change batteries without having to power off the devices, but also is equipped with a zero shutter lag time function that improves the lag between clicking the camera and barcode scanning to speed up the picture taking process.

Furthermore, the PA720 is implemented with physical function buttons and is supported by versatile MDM (mobile device management) systems such as MCL5, SOTI, 12Manage and MoboLink which offers a more efficient experience and maximize the productivity in the enterprise.

### Main features

- Unparalleled performance with **64-bit quad-core processor** (1.3GHz)
- 4.7" HR display supporting water rejection and wet finger tracking
- Integrated superior 1D/2D barcode imager
- Great **ergonomic scanning comfort**; 15° downwards scanner angle
- Advanced battery **Cryogenics Circuit Design**; provides 3x longer operating time when used below -20°C (compared to a traditional design battery)
- Easy **Hot-swap battery** design without downtime
- Support blazing-fast **4G/LTE** and **2.4Ghz / 5Ghz** wireless communication
- Wide range of professional accessories
- Zero shutter lag time: Speed up the picture taking process
- Device supported versatile **MDM systems**: MCL5, SOTI, 12Manage and MoboLink

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# V2.0 PA720 Specifications

## Operation System

CPU	64-bits Quad Core 1.3GHz Processor
Memory	3GB RAM 16GB Flash
OS	Supports Micro SD (2GB to 32GB) Android 5.1 (optional upgrade 6.0)
Languages support	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean and multiple languages

## Display

Gorilla Glass 3 with 5-point Capacitive Touch Panel  
4.7" Color LCD 720x1280 High Resolution Display  
Supporting water rejection, wet finger tracking & readable in sunlight

## Keypad

4 Function Keys, Push-to-talk key, Volume up/down key, Left/right scan key, Power key.

## Camera/Photos/Video

8MP Rear Camera  
5MP Front Camera  
LED flash light

## Indicator

Vibrator  
3 color LED to indicate charge, scan and message

## Symbologies

1D CCD	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, RSS Expanded, RSS Limited, RSS14.
2D imager	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR Code, Micro QR Code, Aztec, MaxiCode, Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal Dutch Postal (KIX).

## RFID/HF

Frequency: 13.56MHz  
Tag Support: ISO15693, ISO14443A, ISO14443B  
Support NFC

## Communication

Interface	USB 2.0 w/ Pogo Pin
USB	USB 2.0
WLAN	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.1 BLE supported
WWAN 4G LTE	2G – GSM: GSM850, EGSM900, DCS1800, PCS1900 3G – UMTS: Band 1, Band 2, Band 5, Band 8 4G – LTE: FDD Band 1(2100), Band 2(1900), Band 3(1800), Band 5(850), Band 7(2600), Band 8(900), Band 20(800) TDD: Band 38(2600), Band 39(1900), Band 40(2300), Band 41(2500)
GPS	GPS/ GNSS/ BDS
Other Sensors	Light, Proximity, eCompass, G-sensor

## Power Source (Hot Swappable)

Main battery	3.6V 3120mAh Lithium-ion - Cryogenics Circuit Design battery. This battery provides 3x longer operating time when used below -20°C (compared to a traditional design battery)
Extended battery	3.6V 4660mAh

## Audio

1W Speaker 85 dB at 10cm  
3.5mm Audio Jack  
Receiver  
Microphone

## Expansion Slot

MicroSD Support MicroSD memory card up to 32GB

## Enclosure

Weight 287g (with standard battery)  
Dimension 170 mm x 30.4 mm x 81.2 mm

## Environmental

Operating temperature	-20°C to 50°C
Storage temperature	-30°C to 60°C
Relative Humidity	5% ~ 95% (non-condensing)
Drop Specification	1.5m
Sealing	IP65
Vibration and Shock test	MIL-STD-810F, 514.4 Process II

## Accessories

4-slot Ethernet Cradle  
4-slot Terminal Charging Cradle  
1-Slot USB Cradle  
1-Slot Ethernet Cradle  
USB Holder Cable  
Main Battery  
Extended Battery  
Vehicle cradle

(Visit <http://eu.ute.com> to discover our full range of accessories.)

## Regulatory Approvals

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

## Device supported MDM



## UnitCare's service program

UnitCare 2.0 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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