



# PA730

## Rugged Mobile Computer



Rugged and built to last, unitech PA730 mobile computer brings high-density performance, durability and high-speed into a compact device. Powered by the steady Android 6.0 operation system and an octa-core processor, this device improves overall stability. In addition, the PA730 supports dual bands, 2.4GHz and 5GHz, of WLAN with fast roaming that gives users blazing fast connectivity. It is a powerful and versatile data collection tool in warehousing, facilitate hospitality, event ticketing, and various mobile processes.

### Rugged Mobile Computer with FHD resolution

- A fully rugged mobile computer featuring a 5" Full HD resolution, 1920 x 1080(1080P)
- High Performance 64-bit octa-core CPU
- Stronger Gorilla Glass® III display yields greater touch sensitivity for an easy user experience.

### High Resolution Scanning and High-End Camera

- Integrate 1D/2D barcode scanner with high speed engine
- A handheld computer comes with a 16MP PDAF camera at the rear along with a 5 MP front camera

### Compact and Rugged Design

- Compact and narrow frame design for easy holding
- 1.8M drop-resistant housing
- IP65 & IP67 heavy-duty protection against water and dust

### Wide Range of Wireless Technology

- Built-in LTE dual antenna for best connectivity
- Support multiple WLAN : Dual bands with fast roaming
- Equipped with NFC / BT4.1 communication
- WWAN: 2G/3G/4G LTE with full bands, US bands with Verizon LTE certified

### Quick Charge™ technology

- Built-in a 2960mAh/5920mAh battery with fast charging technology
- Decrease the amount of time you spend tethered to an socket
- Refill the battery of enabled devices up to 4 times faster than with conventional charging
- Hot swappable batteries ensure continuous operation (within 0.5 hours) when batteries are being replaced



### System Features

CPU	Qualcomm APQ8052 Octa core 64-bit Processor 1.5GHz Quad core and 1.2GHz Quad core
Memory	2GB LPDDR3 RAM 16GB eMMC Flash ROM
OS	Android 6.0
Languages support	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French and multiple languages.

### Display

5.0", Color Full HD (1920X1080, 500cd/m2)  
Gorilla Glass III with 5 points multi-touch touch pannel  
Support finger, wet finger, glove and stylus

### Keypad

6Keys, Scan key left and right, volume key up and down, power key,  
camera key,function key

### Indicator

2 LED indicate charge/Message  
Vibrator

### Symbologies

#### 2D Imager

1D	All major codes
2D	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)

### Audio

Dual speaker  
One receiver and dual noise-cancelling microphones

### Regulatory Approvals

CE, FCC, CEC, DOE, RoHS compliance



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### Communication

Camera and Flash Light	5M Pixels Front Camera 16M Pixels Rear Camera with Auto focus, LED flash light*
External storage	Support MicroSD up to 128GB
USB	USB 2.0 OTG
WLAN	IEEE 802.11 a/b/g/n/ac/d/h/i/r, fast roaming under 100ms
Bluetooth	Bluetooth 4.1 LE
WWAN	
EU	FDD LTE: B1(2100)/ B3(1800)/ B5(850)/ B7(2600)/ B8(900)/ B20(800) TDD LTE: B38(2600)/B40(2300)/B41(2500) WCDMA: B1(2100)/B5(850)/B8(900) GSM: 900/1800MHz
US (Verizon)	FDD LTE: B4 (1700/2100)/ Band 13(700) Micro SIM slot *1
GPS	GPS/GLONASS (Only for WAN model)
Other Sensors	Accelerometer, Light sensor, Proximity sensor ,Gyroscope, E-compass
NFC	ISO14443-4 (Type A, Type B), ISO15693 Mifare, Felica(ISO/IEC18092)

### Power Source

Main Battery	Replaceable 3.7V 2960mAh Li-Ion battery
Backup Battery capacity	within 0.5 hours

### Enclosure

Weight	324g with standard battery
Dimension	158 X 77 X 16.9 mm

### Environmental

Operating temperature	-4°F to 122°F (-20°C to 50°C)
Storage temperature	-22°F to 140°F (-30°C to 60°C)
Relative Humidity	10% ~ 90% ( non-condensing )
Drop test to Concrete	1.8 meter MIL-STD 810G
Environmental Sealing	IP67&IP65 Standard
Vibration and Shock test	0.5m tumbles for 300 cycles and 600 drops

### Accessories

Single Slot USB Cradle with Single Slot Battery Charger  
Single Slot Ethernet /USB Client Cradle with Single Slot Battery Charger  
4-Slot Charging Cradle  
Handstrap  
3.7V 5920mAh Extended Battery  
USB Communication Cable  
Power adaptor with universal plugs

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## PA730

### Software Solution

# Introduction

It's time to make the most of your unitech hardware. Experience a host of software solutions tailored for the needs of your enterprise.

Whether it's managing a deployment of unitech handhelds in the field or using a 3rd party app to unite all of your devices, Unitech can help you get more out of your investment. The possibilities are endless.

unitech also offers customized solutions and software for business needs. Please contact us for more information.



### Solutions



Connect your devices to an IoT platform to collect data from devices and exchange with other systems via RESTful APIs. A web management portal enable managing devices and data easily.

### Library



#### Programmable keys

Provide an easy way to flexibly define the function of each Android keypads.



#### Smart Device program

Apply IFTTT concept to define actions while a certain condition happens. (powered by MacroDroid)  
\*3rd-party



#### Silent OS update

Zero touch updates enable OS updates remotely and concurrently.

### Compliant APPs



**SOTI**



**TeamViewer**

### Utilities



#### 12Manage

A light-weight device management tool to allow you updating application to multiple devices at a time and give you insight into the state of all the devices you deploy.



#### Enterprise launcher

Define applications on the Launcher to avoid users changing settings or using any other applications not for work.



#### Scanner configuration

Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.



#### Enterprise configuration

Allow enterprise configurations such as disabling welcome page and specifying applications which will automatically run after boot up