



PA700MCA

4.7" Mobile Clinical Assistant



Unitech PA700MCA brings a new level of compact size, functionality and durable construction to a mobile clinical assistant. Not only delivering a slim device with stylish look, but also equipped with hospital-grade functions to meet the needs in healthcare environments. PA700MCA is an ideal portable tool to streamline work process of patient care.

Ergonomic design at the point-of care

Unitech compact PA700MCA refined elegance to healthcare IT industry, with a slim form factor at weight of less than 285g (with battery) and stylish smooth round edges, PA700MCA is portable and easy for nurse to go anywhere. In addition, a large 4.7-inch color TFT multi-touch display is a delight to check the patient's medical records and easy to operate by the two-finger gestures, it is available to be viewed even in direct sunlight, as well as a Gorilla® Glass 3 screen to keep it scratch free.

Versatile functionality

Packing a TI 1.5Ghz Dual Core Processor, DDR2 1GB SDRAM for system memory and 8GB NAND Flash for storage, PA700MCA also supports microSD expansion with an additional 32GB of storage capacity for data-intensive applications. Running on Android 4.3 operation system, the PA700MCA provides superior fast and smooth operation as well as combining 2D barcode scanning, HF/NFC RFID and 5.0MP auto focus camera in one handheld device, speeding up patient data management and cut down the number of medical errors to clinicians.

Advanced wireless connectivity

Equipped with advanced Bluetooth v4.0, GPS, Wi-Fi and wireless LAN 802.11 b/g/n tri-mode radios, PA700MCA enables wireless connections to other devices including hospital servers, mobile computers and

printers for the real-time data collections. Healthcare users can easily access information and accelerate their workflow while they're on the go. Besides, featuring latest NFC communication, PA700MCA provides convenient short-range communication between electronic devices. It enhances the service levels in task transferring and identity asset management applications.

Anti-microbial and durability

Engineered with superior anti-microbial housing, PA700MCA is built with the compliant with the MIL-STD-810F standards and IP65 certification, the rugged mobile clinical assistant survives through the healthcare environments with its anti-microbial, waterproof and dustproof ability and it can operate in temperatures from -10°C to 50°C. Unitech PA700MCA perfectly reflects its high reliability at a best to the point of care.

Main Features:

- Anti-microbial housing
- Android 4.3 operation system.
- Advanced performance with industrial grade 1.5Ghz Dual Core Processor
- Latest Bluetooth v4.0, GPS, WIFI 802.11 b/g/n tri-mode radios
- Large 4.7-inch color TFT multi-touch display
- Gorilla® Glass 3 screen & wet resistant touch panel
- Rugged Construction: IP65 rated and 1.2M drop certified
- Built in 2D imager and HF/NFC RFID Reader

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v2 PA700MCA

Specifications

Operation System

Processor	TI OMAP 4470 1.5Ghz Dual Core Processor
System Memory	DDR2 1GB SDRAM Flash ROM:512MB 8GB eMMC Flash
OS	Android™ v4.3 API Level 18
Other	Built-in Light & Proximity Sensor Built-in G-Sensor Built-in eCompass
Languages Support	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

Display

Type touch screen	5-point capacitive Multi-Touch Panel
Display Type	4.7" TFT LCD
Max. Resolution	1280 x 720
Screen material	Gorilla® glass 3 Wet resistant touch panel

Keypad & housing

4 function keys, 2 scan keys, volume keys, power key, Anti-microbial housing

Indicator

1 LED indicate charge/Message, Vibrator

Camera / Photos / Video

Camera	5MP CMOS Sensor Camera Auto Focus LED flash light
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Symbologies

2D Imager	
1D	All All major codes 1D Barcode
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).

RFID

HF/NFC
Frequency: 13.56MHz
Support: ISO15693, ISO14443A, ISO14443B
Support NFC

Communication

WLAN	802.11 b/g/n
PAN	Bluetooth® 4.0
WWAN	GSM/GPRS/EDGE 850/900/1800/1900 MHz/UMTS 850/900/1700/1900/2100 MHz/WCDMA modem, HSPA+, DL: 21Mbps/ UL: 5.76Mbps
Navigation	GPS

Audio

1W speaker 85 dB at 10cm, 3.5mm Audio Jack, Receiver and Microphone

Power Source

Main battery
Li-Ion battery pack
11.91Wh 3.7V @3220mAh

Expansion Slot

Micro SD Card Slot (up to 32GB)

Enclosure

Weight
Dimension
285g, (with battery)
160mm x 80mm x 17.4mm (without engine)

Environmental

Operating temperature
Storage temperature
Charging temperature
Relative Humidity
Drop Specification
Environmental Sealing
Vibration and Shock test
-10 to 50°C
-20 to 60°C
0 to 40°C
5 to 95% (non-condensing)
1.2 meter
IP65
MIL-STD-810F, 514.4 process II

Software

12Manage and **12Solutions** are Unitech's software solutions to enhance device deployment and remote management. This software improves system reliability, reduces service costs and ensures systems running smoothly.



More info: portal.unitech.eu

Accessories

Power adaptor with universal plugs
Micro USB Cable
Standard battery
Extended battery
Battery cover
Handstrap
Vehicle charging cradle
Single USB-/Ethernet Charging-/Communication cradle
4-slot Ethernet Charging-/Communication cradle
4-slot Charging cradle
4-slot battery charger

Regulatory Approvals

CE, NCC, 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 info: unitcare.unitech.eu

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Unitech Europe

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