



# PA700

## Enterprise Digital Assistant

Unitech PA700 brings a new level of compact size, functionality and durable construction to an enterprise digital assistant. Not only delivering a slim device with stylish look, but also equipped with industrial-grade functions to meet the needs in mobile workforce. PA700 is an ideal portable tool to streamline work process in retail and field service.

### Compact and elegant design

Unitech compact PA700 refined elegance to AIDC technology, with a slim form factor at weight of less than 285g (with battery) and stylish smooth round edges, PA700 is portable and easy to take around anywhere you go. In addition, a large 4.7-inch color TFT multi-touch display is a delight to watch 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 screen with 7H hardness 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, PA700 also supports microSD expansion with an additional 32GB of storage capacity for data-intensive applications. Running on Android 4.1.1 Jelly Bean operation system, PA700 provides superior fast and smooth operation as well as combining 1D barcode scanning, NFC/HF RFID and 5.0MP auto focus camera in one handheld device, delivering maximum efficiency to users.

### Advanced wireless connectivity

Equipped with advanced Bluetooth v4.0, GPS, Wi-Fi and wireless LAN 802.11 b/g/n tri-mode radios, PA700 enables wireless connections to other devices including servers, mobile computers and printers for the real-time data collections. Enterprise users can easily access information and accelerate their workflow while they're on the go. Besides, featuring latest NFC communication, PA700 provides convenient short-range communication between electronic devices. It enhances the service levels in task transferring and identity asset management applications.

### Quality and durability

Engineered with superior materials, PA700 is built with the compliant with the MIL-STD-810F standards and IP65 certification, the rugged enterprise assistant survives through the harsh environments with its waterproof and dustproof ability and it can operate in temperatures from -10°C to 50°C. Unitech PA700 perfectly reflects its high reliability at a best.

### Features

- Android 4.1.1 Jelly Bean operation system.
- Advanced performance with industrial grade 1.5Ghz Dual Core Processor
- Latest Bluetooth v4.0, GPS, Wi-Fi and wireless LAN 802.11 b/g/n tri-mode radios
- Large 4.7-inch color TFT multi-touch display
- Gorilla® Glass screen with 7H hardness to keep it scratch free.
- Rugged Construction: IP65 rated and 1.2M drop certified
- Built in 1D scanner and HF/NFC RFID Reader



### System Features

|                   |  |
|-------------------|--|
| CPU               | TI OMAP 4470 1.5Ghz Dual Core Processor  |
| Memory            | 1GB Mobile DDR RAM<br>8GB eMMC Flash   |
| OS                | Android 4.1.1 Jelly Bean   |
| Languages support | English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French |

### Display

Gorilla Glass II with 5-point capacitive touch panel  
4.7" Color 450nits High Brightness TFT 720x1280 dots IPS LCD

### Keypad

4 function keys, 2 scan keys, volume keys, power keys

### Indicator

1 LED indicate charge/Message  
Vibrator

### Symbologies

#### 1D CCD Barcode scanner

1D 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.

### Audio

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

### Regulatory Approvals

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

### Communication

|                        |   |
|------------------------|---|
| Camera and Flash Light | 5MP CMOS Sensor Camera with dual Auto focus LED flash light   |
| External storage       | Support MicroSD memory card up to 32GB  |
| USB                    | USB 2.0 OTG   |
| WLAN                   | IEEE 802.11 b/g/n   |
| Bluetooth              | Bluetooth 4.0   |
| WWAN                   | GSM/GPRS/EDGE 850/900/1800/1900 MHzUMTS 850/900/1700/1900/2100 MHz WCDMA modem, HSPA+, DL: 21Mbps/ UL: 5.76Mbps |
| GPS                    | Yes   |
| Other Sensors          | eCompass<br>Light & Proximity sensor<br>G-sensor  |
| RFID/HF (Optional)     | Frequency: 13.56MHz<br>Tag Support: ISO15693, ISO14443A , ISO14443B<br>Support NFC                              |

### Power Source

|                         |   |
|-------------------------|---|
| Main Battery            | 11.91Wh 3.7V @3220mAh Li-Polymer battery pack |
| Backup Battery capacity | 1 hour  |

### Enclosure

|           |   |
|-----------|---|
| Weight    | 285g (with battery)                     |
| Dimension | 160mm x17.4mm x 80mm ( without engine ) |

### Environmental

|                          |                                |
|--------------------------|--------------------------------|
| Operating temperature    | 14°F to 122°F (-10°C to 50°C)  |
| Storage temperature      | -4°F to 140°F (-20°C to 60°C)  |
| Charging Temperature     | 32°F to 104°F (0°C to 40°C)    |
| Relative Humidity        | 5% ~ 95% ( non-condensing )    |
| Drop test to Concrete    | 1.2 meter                      |
| Environmental Sealing    | IP65                           |
| Vibration and Shock test | MIL-STD-810F, 514.4 process II |

### Software

Android 4.1.1 API level 16

### Accessories

Single Slot USB Client Cradle with Single Slot Battery Charger  
Handstrap  
3220mAH standard Battery  
MicroUSB Cable  
Power adaptor with universal plugs



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