



PA700

PA700 features all Smartphone functionalities desired by modern PDA users. It provides field-based workers with a host of data collection tools and a comprehensive wireless communication platform, all in a compact, durable and ergonomic form factor.

The PA700 runs on the mainstream Android 4.1 operating system, so you have the power to run even the most demanding mobile solutions. With its powerful platform design, PA700 helps enhance productivity and efficiency by efficiently integrating voice, GPS, video, audio, and multi-media functions, while adding in the element of application programs (APP).

PA700 provides comprehensive solutions for various enterprise mobile applications, and delivers the lowest Total Cost of Ownership (TCO) for enterprises who are expecting the highest ROI from mobility investment and the best value of operational efficiency.

Main Features

Android 4.1.1 operating system
4.7"(1280X720P) IPS panel Retina display, with LED backlight.
Corning Gorilla II Glass for display damage resistance; capacitive multi-touch panel
Built-in 5.0 megapixel autofocus camera
Support high-quality 1080P HD audio and video recording and playback

Built-in GPS; support Google map quick Positioning AGPS function
Comprehensive wireless platform including Bluetooth, WIFI, and 3.75G WWAN
IP65 ingress protection; multiple 1.2 meter (4 feet) drops to concrete (6 faces free fall)
Support NFC wireless communication
Wide accessories range for multiple industrial usages.

PA700

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System Features

CPU	Ti OMAP 4470 1.5Ghz Dual Core Processor
Memory	1GB Mobile DDR RAM 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 Laser Barcode Engine	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.
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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 Light & Proximity sensor G-sensor
RFID/HF (Optional)	Frequency: 13.56MHz Tag Support: ISO15693, ISO14443A, ISO14443B 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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