PA692A

Rugged Handheld Computer

Stay competitive

The PA692A is a rugged mobile computer that combines the latest 3.75G wireless communication and advanced performance to provide the best data communications in today's aggressive business environment. PA692A also offers 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.

Faster and more productive

Powered by industrial grade 1.5GHz Dual Core processor and runs on a flexible Andriod 4.3 Operation System, PA692A delivers the faster performance in highly mobile environments. In addition to 1GB Mobile DDR RAM and 8GB NAND Flash to boast ample internal memory, PA692A also supports microSD expansion with an additional 32GB of storage capacity for data-intensive applications.

Rugged design

Able to withstand multiple 5-foot drops to concrete and IP65-sealed against water and dust, the PA692A is an extremely rugged utside-the-four-walls device you can count on to perform under harsh conditions. This durable design mitigates device downtime that negatively impacts business critical applications. The PA692A features a comprehensive wireless platform that includes integrated GPS, Bluetooth, WiFi and 3.75G connectivity. The PA692A's external antenna for WWAN and WLAN ensure excellent wireless connectivity and performance. Field mobile workers can easily access information and accelerate their workflow while they're on the go.

All-in-one Functionality

PA692A offers an integrated 2D scanning capability, as well as a HF(Optional) RFID reader / writer, GPS, and a high resolution 5.0 megapixel digital camera, combining multiple functions in one compact size which reduces the cost to purchase different devices. It enhances the service levels in ticket tracking, identity asset management applications.

Accessories and options

PA692A offers various model options and accessories to fit your needs. Complement your mobile solution with various communications and charging cradles, extended batteries, car kits and headsets - anything and everything you'll need to make the PA692A the ideal rugged handheld solution for your mobile workforce.

Main Features

- Stable release Andriod 4.3
- Advanced performance with industrial grade 1.5GHz Dual Core processor
- Latest 3.75G wireless communication, WiFi, GPS, Bluetooth
- Large 3.8" WVGA high resolution LCD
- Rugged Construction: IP65 rated and 1.5M drop certified
- All-in-one Function: High Performance 2D scanner
- Excellent LCD visibility up to 570nit under sunlight for outdoor users

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PA692A
Specifications

System Features

CPU	TI OMAP 4470 1.5Ghz Dual Core Processor
Memory	1GB Mobile DDR RAM 8GB NAND Flash
OS	Andriod 4.3
Languages support	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

Display

Capacitive Touch Panel
Color 3.8" full WVGA with backlight 800 x 480 sunlight readable LCD

Camera / Photos / Video

5M Pixels Rear Camera CMOS Sensor Camera with Auto focus, LED flash light

Symbologies

2D Imager

1D codes	All major codes
2D codes	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 Reader (Optinal)

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

Audio

1W Speaker
3.5mm headset jack
Receiver

Keypad

44-key QWERTY keypad
26-key Numeric keypad

Expansion Slot

Support MicroSD memory card up to 32GB

Communication

USB	USB 2.0 Client and Host
WLAN	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.0 BLE supported
WWAN 3.75G LTE	EU: Five Band LTE: 800/900/1800/2100/2600 MHz, FDD-Band (20,8,3,7,1) Tri Band UMTS (WCDMA): 900/1800/2100 MHz, FDD-Band (8,3,1) Dual Band GSM/GPRS/EDGE: 900/1800 MHz
GPS	u-blox® 6 High Performance GPS chipset
Other Sensors	eCompass G-sensor

Power Source

8.14 Watt-Hour 3.7V @2200 mAh
14.8 Watt- Hour 3.7V @4000 mAh

Enclosure

Weight	390g(13.76 oz) with 2200mAh Battery 430g(15.17 oz) with 4000mAh Battery
Dimension	17.7 cm (7 in) x 7.4 cm (2.9 in) x 4 cm (1.6 in) (Antenna length excluded)

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	1.5m (5 feet)
Environmental Sealing	IP65

Accessories

4-slot multi-bay Ethernet cradle
4-slot battery charger
Field Installable Gun grip
USB cradle with battery charger
Ethernet cradle with battery charger
Main battery (2200mAh, 4000mAh)
USB communication and charging cable
RS232 Communication cable
AC adaptor

Software

Unitech MOBOLINK DMS

Notification

LEDs, Vibrator

Regulatory Approvals

CE, NCC, FCC, BSMI, VCCI, CCC, RoHS compliance. (TBD)

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