



# PA692

## Rugged Handheld Computer



### Stay competitive

The PA692 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. PA692 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 1G MHz TI AM3715 processor and runs on a flexible Windows Embedded Handheld 6.5 platform, PA692 delivers the faster performance in highly mobile environments. In addition to 512MB NAND Flash and 512 DDR SDRAM to boast ample internal memory, PA692 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 PA692 is an extremely rugged outside-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 PA692 features a comprehensive wireless platform that includes integrated GPS, Bluetooth, WiFi and 3.75G connectivity. The PA692'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

PA692 offers an integrated 1D / 2D scanning capability, as well as a HF and UHF 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. Besides, featuring latest NFC communication, PA692 offers convenient short-range communication between electronic devices. It enhances the service levels in ticket tracking, identity asset management applications

### Accessories and options

PA692 offers various model options and accessories to fit your needs. Complement your mobile solution with various communication and charging cradles, extended batteries, car kits and headsets - anything and everything you'll need to make the PA692 the ideal rugged handheld solution for your mobile workforce.

### Main Features

- Windows Embedded Handheld 6.5 Professional and Classic platform
- Advanced performance with industrial grade 1G MHz processor
- Latest 3.75G wireless communication, WiFi, GPS, Bluetooth, CCX4 certified
- Large 3.8" WVGA high resolution LCD
- Dual microphone designed for clear voice communication
- Rugged Construction: IP65 rated and 1.5M drop certified
- All-in-one Function: Built in 1D/2D scanner and HF/NFC/UHF RFID Reader



### Expansion Slot

microSD      microSD slot with SDHC Support (up to 32GB)

### Communication

USB                      USB 2.0 Client and Host  
WLAN                    IEEE 802.11 a/b/g/n CCX4 Compliance and WiFi certification  
Bluetooth              Bluetooth 2.1 + EDR with Bluetooth SIG certification  
WWAN                    3.75G Radio  
                                UMTS / HSPA+, 3GPP release 6 / 7  
                                USA:  
                                Dual Band UMTS/HSPA+ (850, 1900 MHz),  
                                Dual-Band GSM (850/1900 MHz)  
                                EU:  
                                Dual Band UMTS/HSPA+ (900/2100 MHz),

### Power Source

Main Battery            8.14 Watt-Hour 3.7V @2200 mAh  
                                14.8 Watt- Hour 3.7V @4000 mAh  
Backup Battery        Li-Coin battery Supports 2 hours backup

### 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)  
Relative Humidity          5% ~ 95% (non-condensing)  
Drop Specification        1.5m (5 feet)  
Sealing                      IP65

### Software

Microsoft Visual Studio 2005/2008  
Mobile SIP(VoIP)  
Auto Installer

### Notification

LEDs, Vibrator

### Mobile Device Management Software and Service

12 Manage                Software and configuration management, Asset tracking, remote diagnostics and performance measurement

### 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  
Mono 3.5mm headset  
Car kit

### Regulatory Approvals

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

### System Features

CPU                        TI AM3715 1G MHz  
Memory                  512MB Mobile DDR RAM  
                                512MB NAND Flash  
OS                         Windows Embedded Handheld 6.5 Professional and Classic  
Languages support      English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

### Display

Transflective color 3.8" full WVGA with backlight 800 x 480 sunlight readable LCD

### Camera / Photos / Video

5.0 megapixel autofocus camera with flash  
Unitech MPEG-4 video codec (VGA resolution)

### Symbologies

#### 1D CCD Barcode scanner

#### 2D Imager

1D codes                Australian post, British post, Canadian post, Codabar, Code 11, Code 128, Code 39, Code 93, EAN 13, EAN 8, IATA 2 of 5, ITF, ISBT, Japanesepost, Kix code (nl), Korean post, Matrix 2 of 5, MSI, Planet code, Postnet, RSS expanded, RSS limited, RSS 14, UPC A, UPC E, UPC E1

2D codes                Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC, composite, Maxicode, Micro PDF417, PDF 417, QR code, Tcif lonked C39

### Keypad

26-key Numeric keypad

### RFID Reader (optional)

HF/NFC                 Frequency : 13.56MHz  
                                Tag Support : ISO15693, ISO14443A, ISO14443B  
                                Support NFC  
UHF                      ISO/IEC 18000-6C  
                                EPCglobal Class 1 Gen 2  
                                Operating Frequency 840~960 MHz

### Audio

Dual Microphone with Echo Cancellation and Noise reduction design  
1W Speaker  
3.5mm headset jack  
Receiver



### Unitech America

Los Angeles, Houston  
<http://us.ute.com> e-mail: [info@us.ute.com](mailto:info@us.ute.com)  
<http://can.ute.com> info@can.ute.com  
Mexico  
<http://latin.ute.com> e-mail: [info@latin.ute.com](mailto:info@latin.ute.com)

### Unitech Asia Pacific & Middle East

Taipei  
<http://apac.ute.com> info@apac.ute.com / info@india.ute.com  
<http://mideast.ute.com> info@mideast.ute.com

### Unitech Japan

Tokyo  
<http://jp.ute.com> e-mail: [info@jp.ute.com](mailto:info@jp.ute.com)

### Unitech Europe

Tilburg / Netherlands  
<http://eu.ute.com> e-mail: [info@eu.ute.com](mailto:info@eu.ute.com)

### Unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen  
<http://cn.ute.com> info@cn.ute.com  
Taipei <http://tw.ute.com> info@tw.ute.com

### Head Office

Taipei  
<http://www.ute.com> e-mail: [info@hq.ute.com](mailto:info@hq.ute.com)