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# 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



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**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, Japanese post, 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, Toif 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

**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



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