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 boost 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
PA692
Specifications

Expansion Slot
- microSD
- microSD slot with SDHC Support (up to 32GB)

Communication
- 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+ 800/2100 MHz

Power Source
- Main Battery: 8.14 Watt-Hour 3.7V @2220 mAh
- Backup Battery: Lithium ion battery Supports 2 hours backup

Enclosure
- Weight: 300g (10.6 oz) with 2200mAh Battery
- Dimension: 17.7 cm (7 inch) x 7.4 cm (2.9 inch) x 4 cm (1.6 inch) (Antenna length excluded)
- Environmental
  - Operating temperature: -14°F to 122°F (-10°C to 50°C)
  - Storage temperature: -4°F to 150°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(v1.0)
- Auto Installer

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 jack
- Car kit

Regulatory Approvals
- CE, FCC, BSMI, VCCI, CCC, RoHS compliance

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System Features
- CPU: TI AM3715 1G MHz
- Memory: 512MB Mobile DDR RAM
- OS: Windows Embedded Handheld 6.5 Professional and Classic
- Languages support: English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French
- Display: Transreflective 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)

Symbols
- 1D CCD Barcode scanner
- 2D Imager
- 1D codes: Australian post, British post, Canadian post, Codabar, Code 11, Code 128, Code 39, Code 93, Code 95, EAN 13, EAN 8, IATA 2 of 5, IF, ISBT, Japanese post, Kix code (K), Korean post, Matrix 2 of 5, MSI, Planet code, Postnet, RSS expanded, RSS limited, RSS 14, UPC A, UPC E, EAN 1
- 2D codes: Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC, composite, Maxicode, Micro PDF417, PDF 417, QR code, Tol inked C39
- Keypad: 26-key Numeric keypad
- RFID Reader (optional)
  - HF/NFC: Frequency: 13.56MHz
  - Tag Support: ISO15693, ISO14443A, ISO14443B
  - Support NFC
  - UHF: ISO18000-6C
  - EPCglobal Class 1 Gen 2
  - Operating Frequency: 840-860 MHz
- Audio: Dual Microphone with Echo Cancellation and Noise reduction design
- 1W Speaker
- 3.5mm headset jack
- Receiver

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