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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

Windows Mobile SUMMIT DATA COMMUNICATIONS Bluetooth

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because we care

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because we care

PA692
Specifications

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, Canedian 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 Cancelation 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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05/13 Rev.A(2)