# RPDA

Rugged,
Compatible,
Expandable,
Powerful

The **Rugged PDA** from Talla-Tech is a reliable, multi-function handheld computer designed for applications that require real-time data access in harsh environments.

## Compatible
Based on the HP iPAQ 5000 series product family, the RPDA offers current, relevant technology compatible with your off-the-shelf software and developments.

## Rugged
RPDA's aluminum construction eliminates many of the reliability concerns associated with handhelds.  The waterproof design delivers operability in tough environments never before possible.

## Expandable
RPDA is modular to help you reduce your total cost of ownership across your operations.  Optional functionalities can be incorporated into modular "backs", giving you the flexibility you need to support many tasks with one basic computer.
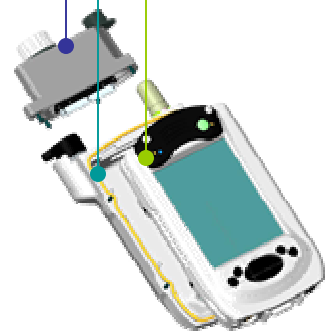
## Powerful
Depending on your configuration, RPDA delivers from 1,400 to 5,000 mAhs of continuous battery life.  With the optional extended battery adapter, you can take the RPDA up to nearly 12,000 mAh of operation.  This translates to the ability to work a full shift before having to find a charger.

**Optional functionality includes GPS, Barcode, WWAN, Biometrics, Sensors , Radios and Cameras**

**Tightly integrated aluminum chassis withstands drops, temps, vibration and other  hazards.**

**Unique breakaway design offers easy battery access and field upgrades.**

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## RPDA Specifications

| | RPDA-55 |
|---|---|
| Processor | Xscale 400MHz |
| RAM | 128mb |
| ROM | 48mb |
| Bluetooth | Yes |
| WiFi | 802.11b |
| SDIO | Yes |
| Operating System | PocketPC 2003 |
| Microphone/Speaker | Yes |
| TFT LCD, 65K Colors | Yes |
| Internal Battery | 1400 mAh |
| Operating Temp | -4 F to +131 F |
| Storage Temp | -31F to 149 F |
| Weight | <15 Oz. (Base Configuration) |
| Dimensions | 3.6" x 6" x 1" (Base Configuration) |
| Software Included | Powered by Microsoft® Windows Mobile™ 2003 Second Edition for Pocket PC. Calendar, Contacts, Tasks, Voice Recorder, Notes, Pocket Word (with Spellchecker), Pocket Excel, Pocket Internet Explorer, Windows Media Player 9 (MP3, audio and video streaming), Calculator, Inbox (with Spell Checker for email), File Explorer, Pictures, Terminal Services Client, VPN Client, Infrared Beaming, Clock, Memory, Volume control, FileCrypto Encryption Software, HP Wireless Manager, many more applications. |
| Interfaces (Standard) | Serial Port (115 kbps), USB (Slave) Infrared 115 kbps |

## Expansion Backs

**Expansion Back**
- Two PCMCIA or CF Slots (by using adapter)
- Additional 3,600 mAh Battery Power

**Expansion Back with GPS**
- Two PCMCIA or CF Slots (by using adapter)
- Additional 3,600 mAh Battery Power
- Integrated 12-Channel, WAAS Compliant GPS
- Internal Antenna

**GPS Back**
- One PCMCIA or CF Slot (by using adapter)
- Additional 1,800 mAh Battery Power
- Integrated 12-Channel, WAAS Compliant GPS
- Internal Antenna and External Antenna Port

**Mobile Inspector Back**
- 1.3 Mega pixel Color Camera
- Additional 3,600 mAh Battery Power
- Integrated 12-Channel, WAAS Compliant GPS

**Mobile Smart Card Back**
- Smart Card Reader
- Additional 3600 mAh battery power
- Expansion Slot for Wireless Modem (GPRS, CDMA)

Other expansion backs available.

## Expansion Covers

**Flat Plate Cover**
Covers two expansion slot cavity in Expansion Back

**GPS Cover**
Covers internal GPS antenna in GPS Expansion Back

**Expansion Back/GPS Cover**
Covers internal GPS antenna in Expansion Back with GPS

**Mobile Inspector Back Cover**
Covers internal GPS antenna and provides Aperture for Camera Lens

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