# HP iPAQ Pocket PC h5500 series

## Product overview

# Executive summary

Introducing a powerful and flexible HP iPAQ Pocket PC solution with integrated wireless[1] capabilities and enhanced security features for mobile professionals. The HP iPAQ Pocket PC h5500 series is a Microsoft® Windows® powered Pocket PC with a highly versatile design that makes it an outstanding fit for a wide range of business environments.

Ease-of-use, reliability, and ready-to-go solutions combine for the ultimate wireless experience. With integrated Bluetooth technology, connect wirelessly to other Bluetooth devices. In addition, wireless-ready capabilities allow you to access the Internet, e-mail, and corporate data at home, at work, or on the go. A removable battery and transflective display provide optimal performance. The h5500 series includes an extensive list of applications that make life easier for all levels of professionals—whether you're self-employed, running a small- or medium-sized business, or working at a corporation. These exciting applications and solutions make the HP iPAQ Pocket PC h5500 series essential for taking your important information with you on the go.

# What's HP iPAQ?

The HP iPAQ is a family of innovative personal devices that let you take advantage of the Internet, make life easier, and keep you in control. HP iPAQ products are distinguished by their innovation (design and functionality), simplicity (acquisition, ownership, manageability, and service), usability (tailored), and experiences (customer-focused and productivity). The HP iPAQ Pocket PC h5500 series meets all of these criteria.

# What's new

**Integrated wireless LAN 802.11b**
The HP iPAQ Pocket PC h5500 series allows you to connect at the office, at home, or in the growing number of wireless LAN (WLAN) hot spots, such as coffee shops, hotels, and airports.[1] Wireless connectivity gives you access to important information quickly.

- Access the Internet, e-mail, and corporate data quickly, wirelessly
- Connect at the office, at home, or in WLAN hot spots (even your local coffee shop)
- Create personal networks using peer-to-peer communication with another WLAN-enabled device for collaboration and information sharing

Click the following links for quick access to detailed information and frequently asked questions about WLAN.

- Connecting to the Internet:
  http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?objectID=c00031201

- Monitoring your wireless connection with prevent wireless interface:
  http://h71036.www7.hp.com/hho/cache/8931-0-0-225-121.aspx

- Troubleshooting common problems:
  http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031247

- Troubleshooting the WLAN:
  http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031255

- User's guide:
  http://h20000.www2.hp.com/bc/docs/support/SupportManual/lpia8006/lpia8006.pdf

- Using the WLAN:

- http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031220
- WLAN driver updates:
  http://h18007.www1.hp.com/support/files/handhelds/us/download/20019.html

**Integrated biometric fingerprint reader**

The integrated biometric fingerprint reader protects the information on your Pocket PC by allowing you to easily authenticate yourself to the device using your unique fingerprint or a combination of a PIN and fingerprint.

Click the following links for quick access to detailed information and frequently asked questions about the biometric fingerprint reader.

- Biometric security white paper:

  http://devresource.hp.com/drc/technical_white_papers/5981-4266en_rev2_us.pdf

  **NOTE:** The Biometric security white paper is listed as applying to the h5400 series, but the information also applies to the h5500 series.

- Using the fingerprint reader:
  http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031055

**Integrated Bluetooth**

Integrated Bluetooth[1] enables wireless communication with other Bluetooth devices.

- Access the Internet or e-mail via a Bluetooth-enabled mobile phone[2]
- Print to a Bluetooth-equipped printer
- Exchange business cards, calendar appointments, documents, and more with other Bluetooth devices
- Redirect your Pocket PC's audio to a Bluetooth headset
- Synchronize data wirelessly with your Bluetooth desktop or notebook PC using ActiveSync
- Pack fewer cables and cords for travel

Click the following links for quick access to detailed information and frequently asked questions about Bluetooth.

- Bluetooth On Demand integration: http://www.hpl.hp.com/techreports/2003/HPL-2003-178.pdf
- Getting started:
  http://wwss1pro.compaq.com/support/reference_library/viewdocument.asp?source=337111-001.xml&dt=264

**Enhanced security**

Enhanced security protects your device, your information, and your network connection.

- The integrated biometric fingerprint reader protects the information on your Pocket PC by allowing you to easily authenticate yourself to the device using your unique fingerprint or a combination of a PIN and fingerprint.
- Virtual private network (VPN) software provides enhanced security for wireless connections when accessing information remotely, such as via the Internet, e-mail, or a corporate network.1
- 64-bit and 128-bit Wired Equivalent Privacy (WEP) offers enhanced security for an authorized connection and data transfer when connected wirelessly.
- F-Secure FileCrypto data encryption provides protection against unwanted data disclosure. With this application, you can create special encrypted folders for storing confidential and personal

information. All files stored in the encrypted folders are automatically encrypted when the folders are locked, and sensitive information remains protected.

- XcelleNet's Afaria device management agent provides enterprise customers with device management through centralized access and deployment.

Click the following links for quick access to detailed information and frequently asked questions about enhanced security.

– Protecting your HP iPAQ Pocket PC: http://h71036.www7.hp.com/hho/cache/8971-0-0-225-121.aspx

– User's guide: http://h20000.www2.hp.com/bc/docs/support/SupportManual/lpia8006/lpia8006.pdf

– Using the fingerprint reader: http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031055

– Wireless security: http://h20000.www2.hp.com/bc/docs/support/UCR/SupportManual/TPM_161z-1201a-wwen_rev1_us/TPM_161z-1201a-wwen_rev1_us.pdf

**Removable/rechargeable battery**

Keep your HP iPAQ Pocket PC running longer when you are away from your desk. The 1250-mAh Lithium-Ion (Li-Ion) polymer battery included with the h5500 series is easy to install, remove, and recharge. An internal backup battery allows you to swap the main removable battery while the system power is in standby mode. A 2500-mAh Li-Ion polymer battery is sold as an accessory.

Click the following links for quick access to detailed information and frequently asked questions about the removable/rechargeable battery.

– Charging the battery: http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031154

– Installing and removing the battery: http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031150

– Preserving battery time: http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031157&cc=us

– Troubleshooting battery problems: http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031247

– Approximate usage times for the HP iPAQ Pocket PC h5500 series battery—The following table lists approximate times you can expect to use your h5500 series in various operating scenarios on a single charge of the battery.

| HP iPAQ Pocket PC/Standard Battery | | | |
| --- | --- | --- | --- |
| Backlight | WLAN | Bluetooth | Approx. Use in Average Hours |
| Default | Off | Off | 6.75 |
| Default | On | On | 3.06 |
| Default | On | Off | 4.22 |
| Default | Off | On | 6.31 |
| High | Off | Off | 5.11 |
| High | On | On | 2.61 |
| High | On | Off | 2.78 |
| High | Off | On | 4.67 |
| Low | Off | Off | 11.22 |
| Low | On | On | 3.72 |
| Low | On | Off | 3.92 |
| Low | Off | On | 9.28 |
| Off | Off | Off | 11.75 |
| Off | On | On | 3.86 |
| Off | On | Off | 4.14 |
| Off | Off | On | 10.03 |
| Default = backlight settings after a hard reset | | | |
| High = brightness set at top mark | | | |
| Low = brightness set at one above the bottom mark | | | |
| Off = backlight set at bottom mark | | | |

### Screen

One of the innovations that HP will continue to support is the use of the transflective display. A transflective display combines transmissive and reflective technologies. However, it is backlit and, like the reflective display on earlier devices, optimized for outdoor use. It offers over 65,000 brilliant colors and a high-contrast ratio with rich color saturation. This new display technology provides crisper, clearer images and text.

### Integrated SD slot

An integrated Secure Digital (SD) slot supports SD and MultiMediaCard (MMC) memory cards and is Secured Digital Input/Output (SDIO)-ready, so you can easily expand your storage capacity, play multimedia files, and bring important documents with you. In the future, peripheral SDIO options will be offered. These products (cameras, scanners, etc.) from third-party developers, will utilize the SDIO-ready capability.

Click the following links for quick access to detailed information and frequently asked questions about the integrated SD slot.

- Features and specifications:
  http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00046446
- Inserting and using SD cards:
  http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031197#N100B8

– Troubleshooting SD cards:
http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031248

**400-MHz Intel® XScale Technology-Based Processor**

The 400-MHz Intel XScale Technology–Based Processor in the HP iPAQ Pocket PC h5500 series focuses on accelerating multimedia and security.

**Increased memory**

Many customers have expressed the need to safely store critical information. The HP iPAQ File Store is non-volatile memory used to house critical data, databases, and other important files. The HP iPAQ File Store protects stored data from being erased if a battery discharge or full reset occurs. The HP iPAQ File Store can also serve as an HP iPAQ Backup destination. The h5500 series offers up to 17 MB of storage space.

The HP iPAQ Pocket PC h5500 series offers 128 MB of SDRAM and 48 MB of Flash ROM.

**Backup and restore**

The HP iPAQ Backup application on the HP iPAQ Pocket PC h5500 series protects data and allows fast and easy backup and restore, selective backup and restore, scheduled backups, battery monitoring, password protection, and compression of the backup file. The selective backup-and-restore feature allows you to back up the entire system, a specific file, or a database. Backups can be scheduled based on defined times, dates, or battery levels. Scheduled backup and battery monitoring notifies the user with the option to accept, decline, or postpone the backup.

Click the links for quick access to frequently asked questions about backup and restore for the HP iPAQ Pocket PC h5500.

– Using iPAQ Backup:
http://h20015.www2.hp.com/hub_search/document.jhtml?lc=en&docName=c00031185
– User guide: http://h20000.www2.hp.com/bc/docs/support/SupportManual/lpia8006/lpia8006.pdf

**Advanced power management**

The advanced power management feature is useful for maximizing battery usage time by adjusting the standby period. The standby settings display the approximate hours of remaining use.

**Frequently asked questions**

Click the links for quick access to frequently asked questions about the HP iPAQ Pocket PC h5500 series.

– General (h5500 series): http://psg.inet.cpqcorp.net/Document_Storage/QA/iPAQ%20h5500-h5100%20series%20FAQs%283%29.doc
– General (specify a series): http://web14.compaq.com/falco/default.asp
– Troubleshooting:
http://216.240.206.38/hub_search/document.jhtml?lc=en&docName=c000312478&cc=us
– Support:
http://h20000.www2.hp.com/bizsupport/TechSupport/DocumentIndex.jsp?contentType=SupportFAQ&taskId=101&docIndexId=178911&locale=en+US&prodSeriesId=322916&prodTypeId=215348

# HP iPAQ Pocket PC h5500 series

The HP iPAQ Pocket PC helps you gain competitive advantage by increasing your mobile productivity. It allows you to communicate, access, and manage information on your schedule. The broad range of applications, integrated wireless[1] capabilities, enhanced security, and expandability

on the HP iPAQ Pocket PC h5500 series makes it ideal for productivity at home, at work, or on the go.

- Security solutions such as the HP iPAQ Pocket PC unique biometric fingerprint reader, VPN software, 64- and 128-bit WEP, F-Secure FileCrypto data encryption, and XcelleNet Afaria device management agent provide enhanced security protection for the device, data, wireless connection.
- The continuity of existing platform and expansion pack support, as well as a broad selection of compatible HP iPAQ accessories protect your investment.
- Expansion capabilities extend the versatility of the HP iPAQ Pocket PC h5500 series or make it easy to convert the h5500 to a unique handheld device designed to meet your needs.
- Documents, e-mail attachments, and pictures are easy to print directly from your HP iPAQ Pocket PC h5500 series to an HP Bluetooth-enabled printer.
- The removable battery, transflective display, integrated SD slot, large memory, and Microsoft Pocket PC 2003 Premium Edition Operating System on the HP iPAQ Pocket PC h5500 series combine for outstanding productivity and performance.

# Design and features



1. Speaker
2. Power Indicator
3. Stylus
4. Power Button
5. Color Display
6. Inbox Button
7. iTask Button
8. 5-Way Navigation Button
9. Fingerprint Reader
10. Microphone
11. Calendar Button
12. Contacts Button
13. Volume/Record
14. Light Sensor
15. Active Bluetooth Indicator
16. Wireless LAN Indicator
17. Antenna
18. SD Slot

# Accessories (sold separately)

HP offers a broad range of accessories to complement and enhance the functionality of the HP iPAQ Pocket PC h5500 series. For fun, customize your h5500 series with several accessories.

## Expansion Packs

### CompactFlash Card Expansion Pack Plus

Add Type I or Type II CompactFlash cards to increase storage capacity or access the Internet through a standard phone line or network cable[1,2]. Removable battery and ultra-durable screen cover are included.

Part number: 249709-B21 or FA121A#AC3

### PC Card Expansion Pack Plus

Use Type II PC cards to wirelessly access an office network or the Internet[1,2]. Removable battery and ultra-durable screen cover are included.

Part number: 249708-B21 or FA120A#AC3

### CompactFlash Card Expansion Pack

Use Type I or Type II PC cards to increase the file storage space on your HP iPAQ Pocket PC, access your company's wireless network (WLAN) for e-mail and Web browsing,
or connect to your Internet account using a regular phone line[1,2].

Part number: 170339-B22 or FA115A#AC3

### Dual-slot PC Card Expansion Pack

You can use two Type II PC cards or one Type III PC card to increase the file storage space on your HP iPAQ Pocket PC, access your company's WLAN, for e-mail and Web browsing, or access the Internet wirelessly through a wireless wide area network (WWAN)[1,2].

Part number: 216198-B21 or FA116A#AC3

## Style Packs

### Cover Pack

Protect your new HP iPAQ Pocket PC investment against scratches and smudges without increasing its size. Simply snap the cover open to access the display and buttons, and snap it closed to carry it in your pocket. The convenient slide-on design allows you to remove it quickly, so you can easily customize your HP iPAQ Pocket PC with other versatile Expansion Packs.

Part number: 249707-B21 or FA119A#AC3

## Memory and storage

### 1-GB IBM Microdrive with PC card adapter

Take advantage of the latest removable disk-drive technology by adding the 1 GB IBM Microdrive to your HP iPAQ Pocket PC. Use it with your CompactFlash Card Expansion Pack Plus or with your PC Card Expansion Pack Plus and the PC card adapter that comes with it. The Microdrive allows you to easily transfer large files to and from your

HP iPAQ Pocket PC and other notebooks and devices, and provides ample storage space for music, backup files, and special applications.

Part number: 217390-B25 or DC379A

### 64-, 128-, and 256-MB SD memory card

SD memory cards let you store more programs and files than ever before. Create SD music cards to use during your daily commute or to take with you on long trips. Use SD cards to back up sensitive files that are stored on your HP iPAQ Pocket PC. Store special programs on an SD card to free memory for daily operations on your HP iPAQ Pocket PC.

Part number:

253478-B21 or FA134A#AC3—64-MB

253479-B21 or FA135A#AC3—128-MB

287464-B21 or FA136A#AC3—256-MB

## Power

### AC adapter

An AC adapter provides rapid charging of your HP iPAQ Pocket PC at home, at work, or when traveling. It also works great with a USB synchronization cradle/charger.

Part number:

253629-001 or FA130A#ABA—U.S., Canada, Latin America, Japan, Taiwan

253629-011 or FA130A#ABG—Australia

253629-021 or FA130A#ABB—Europe, Brazil

253629-031 or FA130A#ABU—United Kingdom, Asia Pacific, Hong Kong

Note: For more information on the correct AC adapter for your country, refer to the following: www.hp.com/products/pocketpc/options

### Automobile adapter

Use your HP iPAQ Pocket PC while it is charging or turn it off for an even faster charge, just like your cellular phone. One end of the automobile adapter plugs into your HP iPAQ Pocket PC and the other end plugs into your car's cigarette lighter.

Part number: 253508-B21 or FA125A#AC3

### Slim battery and extended battery for h5500 series

Attach these rechargeable, removable batteries directly to your HP iPAQ Pocket PC. Removable batteries enable you to keep your HP iPAQ Pocket PC running longer, so you don't have to hurry back to your desk to charge it. Easy to install and remove, these batteries can be recharged using the HP iPAQ Pocket PC desktop cradle or with the optional battery charger. The charger comes with an adapter.

Note: Expansion Packs cannot be used when the extended battery is installed in your HP iPAQ Pocket PC.

Part number:

290484-B21 or FA139A#AC3—Slim battery

290486-B21 or FA140A#AC3—Extended battery

### Slim battery and extended battery for Expansion Pack Plus products

Attach these rechargeable, removable batteries to either your PC card or your CompactFlash Card Expansion Pack Plus product help to keep your HP iPAQ Pocket PC running longer. Easy to install and remove, these batteries can be recharged using the HP iPAQ Pocket PC desktop cradle or the optional battery charger and adapter.

Part number:

253512-B21 or FA127A#AC3—Slim battery

253514-B21 or FA128A#AC3—Extended battery

### Battery charger

This charger allows you to charge extra slim and extended batteries while you're away from your desk, without having to occupy your HP iPAQ Pocket PC or Expansion Pack during charging. It charges up to two batteries simultaneously and works with both HP iPAQ Pocket PC batteries and Expansion Pack Plus batteries. The battery charger comes with a convenient desktop base, or its thin design works great by itself.

Part number: 253516-B21 or FA129A#ABA

### Charger adapter

With the charger adapter, you can always charge your HP iPAQ Pocket PC. Keep one at the office, in the car, at home, or a spare for when you're traveling. It works with the AC adapter and auto adapter to convert the barrel plug to the universal connector plug.

Part number: 274707-B21 or FA133A#AC3

## Synchronization

### Autosync cable (USB and serial)

The Universal AutoSync Cable facilitates easy synchronization of your HP iPAQ Pocket PC with your office or home PC using a USB or serial connection. It's great to have one both at home and in the office, and this cable takes up less space than the cradle when you're traveling.

Part number: 250178-B21 or FA122A#AC3

### USB synchronization cradle/charger

Don't fumble around with cables to synchronize your HP iPAQ Pocket PC with your office or home PC. With an AC adapter (sold separately), you can also charge your battery every time the HP iPAQ Pocket PC sits in the cradle. Keep an extra cradle at home.

Part number: 250178-B21 or FA123A#AC3

## Cases

### Custom case program

Protect your investment with a cool new carrying case custom-designed especially for the HP iPAQ Pocket PC! Create a case that suits your lifestyle—choose from more than 200 combinations of case styles, materials, and colors. Then personalize your case with your initials.

To select one of our many case styles and to place your order, visit our Accessories page at www.hp.com/products/pocketpc/options

### Expandable case

With expandable neoprene sides that let you carry your HP iPAQ Pocket PC by itself or with any optional Expansion Packs, this case's ballistic nylon and secure Velcro closure offer stylish durability. The inside pocket provides a safe place for your business cards, an extra PC card, or some money when you're on the go. Attach the case to your belt or bag with the Velcro strap, and you're ready to roam.

Part number: 217883-B22 or FA117A#AC3

### Premier leather case

This premier leather case made of ultra-soft French leather is designed to hold your HP iPAQ Pocket PC in supple luxury. With a stylus holder, slots for business or credit cards, and an inside pocket for your money or an extra PC card, this case offers everything the busy professional needs.

Part number: 252504-B21 or FA124A#AC3

### Zippered leather case

Crafted from top-grain cowhide, this quality zippered leather case securely holds and protects your HP iPAQ Pocket PC while maintaining a professional look and feel. With a stylus holder, slots for business or credit cards, and an inside pocket for your money or an extra PC card, this case is perfect for the busy professional on the go.

Part number: 262207-B21 or FA131A#AC3

### Rugged case

Enhance the durability of your HP iPAQ Pocket PC with a cover pack, a CompactFlash or PC Card Expansion Pack, or a CompactFlash or PC Card Expansion Pack Plus. The rugged case increases the durability of your HP iPAQ Pocket PC in drops of up to four feet. It provides water and dust resistance even while you are using your HP iPAQ Pocket PC. It protects the display and allows access to all connectors, buttons, and card slots on the HP iPAQ Pocket PC. Extra screen protectors are available for purchase. A removable belt clip enhances the mobility of your HP iPAQ Pocket PC.

Part number: 282348-B21 or FA137A#AC3

## Other

### CompactFlash modem

Access the Internet with your HP iPAQ Pocket PC and the CompactFlash modem. Plug into a standard phone jack for dial-up access to your e-mail, the Internet, or your company's Intranet. [1]

Part number:

268927-001 or FA132A#ABA—United States

268927-031 or FA132A#ABU—United Kingdom, Netherlands

268927-A21 or FA132A#AK9—France, Germany, Italy

268927-B31 or FA132A#B13—All other European Union/European Free Trade Agreement countries

### Stylus three-pack replacement kit

Lost another stylus? Order a Stylus three-pack for your HP iPAQ Pocket PC and never be without a stylus again!

Part number: 253510-B21 or FA126A#AC3

### Plantronics headset

Executive styling, superior sound quality, and crystal-clear calls are trademarks of these mobile headsets. Now you can experience the freedom and mobility of hands-free communication. Visit www.plantronics.com/ipaq for more information.

To place your order, visit our Accessories page at: www.hp.com/products/pocketpc/options

### Slim keyboard

The highly integrated slim keyboard has a standard keyboard layout. The transparent cover allows the user to type on the keyboard when the cover is open or closed; it also protects the HP iPAQ Pocket PC display. You'll still have access to the universal connector, reset button, and headphone jack while the keyboard is attached.

Part number:

312391-001 or FA141A#ABA—United States English

312391-041 or FA141A#ABD—German

312391-051 or FA141A#ABF—French

312391-061 or FA141A#ABZ—Italian

312391-161 or FA141A#ABM—Latin American Spanish

### Micro keyboard

Seamlessly attach the micro keyboard to your HP iPAQ Pocket PC with or without an Expansion Pack attached. Its ergonomic design and standard layout let you type quickly and comfortably anywhere.

Part number: 250111-001

### Foldable keyboard

When using your HP iPAQ Pocket PC, the foldable keyboard's standard layout allows you to effortlessly take notes, create e-mail, or write reports. When not in use, the keyboard folds up into an ultra-small package for easy portability.

Part number:

249693-001 or FA118A#ABA—United States English

249693-031 or FA118A#ABU—United Kingdom English

249693-041 or FA118A#ABD—German

249693-051 or FA118A#ABF—French

249693-061 or FA118A#ABZ—Italian

249693-161 or FA118A#ABM—Latin American Spanish

249693-201 or FA118A#AC4—Brazilian Portuguese

249693-291 or FA118A#ABJ—Japanese

# Competitive advantage

**Powerful productivity tools for managing your business and personal needs**

- Integrated Bluetooth and WLAN 802.11b offer the convenience of wireless connectivity
- Integrated biometric fingerprint reader helps protect your valuable information
- Wide range of third-party Expansion Packs and accessories designed specifically for the HP iPAQ Pocket PC
- Investment protection provided through compatibility and continuity of existing HP iPAQ Expansion Packs
- Impressive expansion capabilities: integrated SD slot, PC card, and CompactFlash card Expansion Packs are available
- Extensive software bundle adds enterprise capabilities

# Warranty

**North America/Europe:** One-year warranty on parts and labor in most regions; Care Pack for next-business-day replacement available for purchase

**Europe/Middle East/Africa only:** Two-year warranty on parts and labor (one-year warranty for rechargeable battery pack)

**Other regions:** One-year warranty on parts and labor



HP iPAQ Pocket PC is Powered by Microsoft® Windows®

To learn more, visit [www.hp.com](www.hp.com).