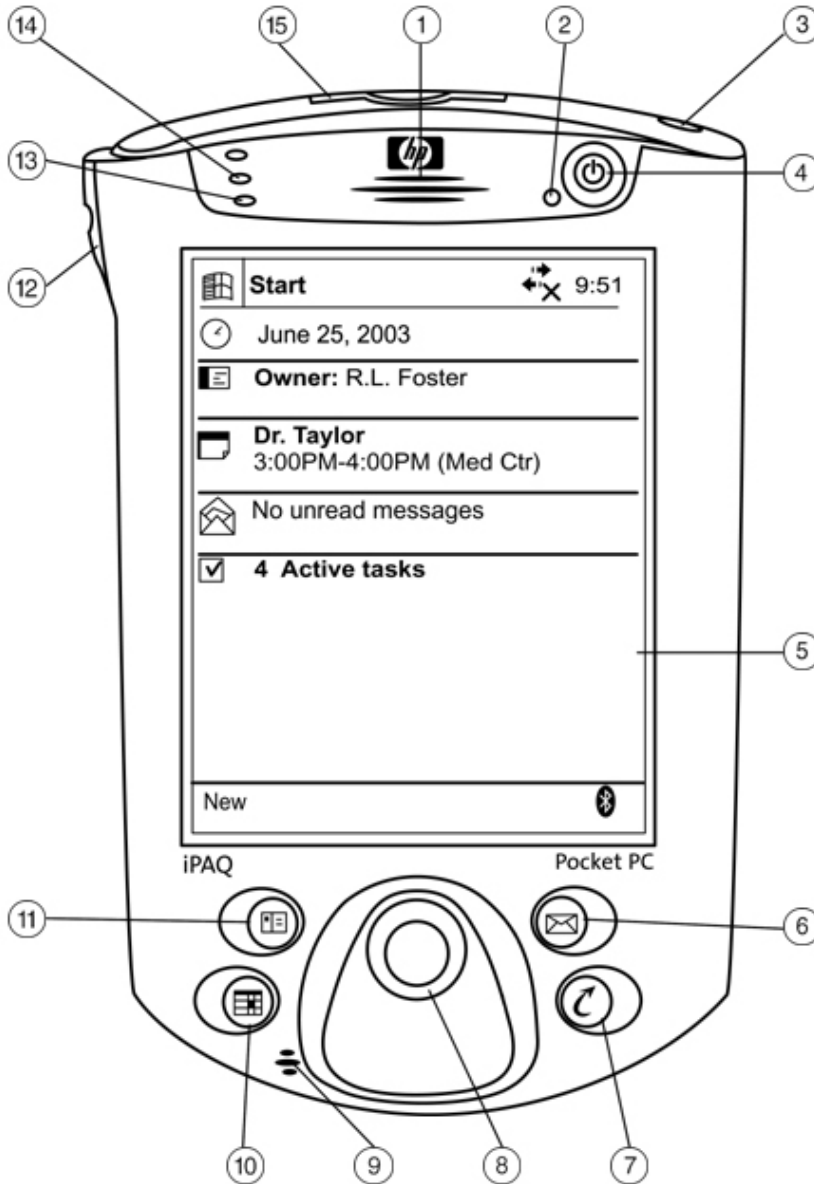


# QuickSpecs

## HP iPAQ Pocket PC h5150



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

## At A Glance

- Windows® Mobile 2003 software
- Integrated Bluetooth™
- Removable/Rechargeable Battery
- Dazzling Transflective TFT colour liquid crystal display
- Integrated Secure Digital slot
- Intel® XScale processor
- Advanced Power Management
- 3.5 mm 4-way Audio Jack

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## Standard Features

### Models

#### iPAQ Pocket PC h5150– 32-MB ROM/64-MB RAM BT/SD

FA106A#8ZQ

<b>Processor</b>	400 MHz Intel® XScale™ technology-based processor	
<b>Memory</b>	64-MB SDRAM; 32-MB Flash ROM Memory	
<b>Input Method</b>	Handwriting recognition, soft keyboard, character recognition, voice recorder, inking	
<b>Interfaces</b>	3-mode alarm notification Flashing green LED, tone, pop-up message Charge active: flashing / solid amber LED Bluetooth active: flashing blue LED	
<b>Cradle Interfaces</b>	Connector	1
	Cable	1 USB or Serial cable connects to PC
	DC Jack connector for AC Adapter	1
	Stylus Holder	2 holes, on left and right front
	Stabilizing Tab	2 Tabs engage the sides of Pocket PC when no
	Release Button	Expansion Pack is in use
<b>Display</b>	Transflective TFT liquid crystal display 64K colour (65,536 colours) 16-bit touch-sensitive transflective thin film transistor (TFT) liquid crystal display (LCD) Viewable image size – 2.26 in wide x 3.02 in tall (57.6 mm wide x 76.8 mm tall), 3.8 in Diagonal (96 mm)	
<b>Power Supply</b>	1250 mAh Lithium-Ion Polymer removable / rechargeable battery (in docking cradle or with AC Adapter) Internal Back up battery - Allows user to swap main removable battery with the system power in standby 2500 mAh Lithium-Ion Polymer Extended Battery (sold as an accessory)	
	Battery Re-Charge Time	System in OFF mode or Standby 2.5 hours System ON (depending on system power consumption) 3 to 6 hours

**NOTE:** Battery life will vary based on the usage pattern of an individual user and the configuration of the handheld. Use of some attachments may significantly decrease battery life.

<b>Expansion Capabilities</b>	Supports PC card, CF and other iPAQ Expansion Packs Integrated SD slot - supports SD/MMC type standard, SDIO ready
<b>Audio Capabilities</b>	Audio record and playback (play MP3 music or audio programs from the Web, as well as records and plays back voice notes or meeting notes) Volume up/down Integrated speaker, 3.5 mm stereo headphone and microphone jack
<b>Ergonomic Design Features</b>	Multifunction power button 5-way Navigation Button Volume up/down Touch-sensitive display for stylus or fingertip Microphone and Speaker on front-side of unit
<b>HP Exclusive Applications</b> (On device)	<b><u>These are the extras that HP put in ROM</u></b> iPAQ File Store: non-volatile storage in flash ROM iPAQ iTask Manager: access and launch programs easily iPAQ Backup: utility for Backup/Restore to Main Memory, Memory Card, or iPAQ File Store iPAQ Image Viewer: view images and create slide shows Adjustable Standby Settings: Utility for adjusting power conservation modes Utilities: Self Test, Expansion pack, iPAQ Audio, Power Status

**Companion CD from HP APPLICATIONS**

<b>Full Versions</b>	<b>Trial Versions</b>
Westtek ClearVue Suite	Xcелlenet Afaria Device Management Agent
F-Secure FileCrypto Data Encryption	Margi Presenter-to-Go (requires purchase of additional hardware)
Colligo Personal Edition	Illium Ewallet
Adobe PDF Viewer	Illium ListPro
RealOne Player for Pocket PC	CommonTime Cadenza mNotes
iPresenter PowerPoint converter	
MobiMate WorldMate	

**CD LINKS**

- HP Mobile Print Centre
- CheckPoint
- NetMotion
- Avaya IP Softphone
- IP Blue VTGO!
- Cisco CallManager
- Pocket Presence Running Voice IP
- Vindigo
- Audible Manager and Audible Player (Service plan required to download and play Audible content – link)
- SingleTap
- Handango
- CNM Network Xpress Conferencer

**Additional Documentation**  
iPAQ Reference Guide on PDF

**NOTE:** Programs could vary based on SKU. Some programs are accessed through CD links to download web sites.

**Operating System Applications**

Microsoft® Windows® Mobile 2003 Premium software 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, Solitaire, Jawbreaker, Inbox (with Spell Checker for email), Microsoft Reader (eBooks), File Explorer, MSN Messenger, Pictures, Terminal Services Client, VPN Client, Infrared Beaming, Clock, Align Screen, Memory, Volume control, ClearType Tuner (except for Asian languages)

**Applications from Microsoft on Companion CD****Additional Software from Microsoft**

Outlook 2002, Microsoft ActiveSync 3.7 (Desktop device synchronization), Microsoft Reader eBooks, Links to Microsoft websites for additional downloadable applications (some programs may require purchase of additional desktop software to utilize Pocket PC versions)

**Bluetooth Specifications\***

<b>Technology</b>	high-speed, low-power, short-range
<b>Bluetooth specification</b>	1.1 compliant (2.4-GHz Industrial Scientific Medical Band)
<b>System interface</b>	921k high-speed UART processor interface
<b>User Interface</b>	Bluetooth Manager
<b>Operating system support</b>	Microsoft Pocket PC and Pocket PC 2003
<b>Device type</b>	Class II device; up to 4 dBm transmit, typical 10 metre range
<b>Power</b>	3.3V ± 5% Peak current - typical TX current at approximately 140 mA
<b>Receiver sensitivity</b>	-78 dBm or greater
<b>Regulatory standards</b>	R&TT#-EN 300 328 and EN 300 826, UL 1950, CB Safety Scheme inclusive of EN 60950 and IEC 950, FCC Part 15 subpart C, Canadian, CE,
<b>Profile Support</b>	General Access Profile Service Discovery Application Profile Serial Port Profile Generic Object Exchange Profile File Transfer Profile Dial-Up Networking Profile LAN Access Profile Object Push Profile Personal Area Networking Profile Basic Printing Profile Hard Copy Replacement Profile (printing) Headset profile
<b>Usage Models *</b>	<p><b>Service Discovery</b> Determine what Bluetooth devices are within range and support authorization</p> <p><b>File Transfer</b> File and directory browsing and navigation on another Bluetooth device. File copying Object manipulation – including add, delete, create new folders etc.</p> <p><b>Serial Port</b> Synchronization between PDAs and PCs</p>

### **Access Point**

Wireless link to WAN thru cell phone\*  
Agnostic to WAN technology  
Send/receive SMS messages  
Connect your printer and scanner to your personal network wirelessly  
Adhoc Bluetooth Pico-networking (point to multi-point)

### **LAN Access**

Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth Access Point\*  
Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP\*  
Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection\*

### **Object Push**

Exchange business cards, tasks, documents, appointments and more\*

### **Personal Area Networking**

Collaborate, chat, play games, exchange data\*  
Adhoc peer to peer networking\*

### **Basic Printing and Hard Copy Replacement Profiles**

Print to any HP Bluetooth-enabled printer without the need for cables or specific print drivers

### **Bluetooth Headset Profile**

Redirect your Pocket PC's audio to a Bluetooth headset or use a headset's microphone with your handheld

### **Certifications**

All necessary regulatory approvals for countries we support including:  
Bluetooth logo (FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 300 826 Low Voltage Directive IEC950 UL and CE Mark

**NOTE:** \* A standard WLAN infrastructure, other devices enabled with Bluetooth, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with a service provider for availability and coverage in your area. Not all web content available.

### **Operating System**

Microsoft® Windows® Mobile 2003 Premium software for Pocket PC

### **Service and Support**

One-year parts and labour in most regions; two-year warranty in Europe (one-year warranty for rechargeable battery pack) 90 days technical support for software in all regions. Optional *CarePAQ™* available in North America for Next Business Day replacement (at additional charge). Certain restrictions and exclusions apply. For details, consult the Product Information Centre at 1-888-882-6672.

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# Technical Specifications

<b>System Unit</b>	<b>Dimensions</b>	5.23 x 3.3 x 0.63 in. (133 x 84 x 15.9 mm)		
	<b>Length of Unit</b>	5.23 in (133.0 mm)		
	<b>Width</b>	3.30 to 3.03 in tapering (84.0 to 77.0 mm tapering)		
	<b>Depth</b>	0.63 in (15.9 mm)		
	<b>Weight</b>	6.59 oz (186.9 g)		
	<b>Operating Temperature</b>	32° to 104° F (0° to 40° C)		
	<b>Operating Humidity</b>	10% to 90%		
	<b>Regulatory Marks</b>	Electrical	FCC Class B, VCCI, CE, C-Tick,	
		Safety	CE Marking, C-UL, NOM	
	<b>RAM</b>	64 MB		
<b>ROM (Flash)</b>	32 MB (Flash ROM)	Up to 4 MB non-volatile flash ROM storage available in iPAQ File Store (varies by SKU)		

<b>TFT Colour Display</b>	<b>Number of Colours</b>	65,536 (64K 16-bit)	
	<b>Resolution (W x H)</b>	240 x 320	
	<b>Dot Pitch</b>	0.24 mm	
	<b>Viewable Image (W x H)</b>	2.26 x 3.02 in (57.6 x 76.8 mm), 3.8 in Diagonal (96 mm)	
	<b>Display Type</b>	Colour (65,536 colours (16 bit) transfective thin film transistor (TFT) liquid crystal display (LCD))	

<b>AC Adapter</b>	<b>Dimensions (H x W x D)</b>	3 x 1.9 x 1.8 in (76 x 48 x 44 mm) (including prongs)		
	<b>Cord Length (approximate)</b>	6 ft (1.83 m)		
	<b>Power Supply Ratings</b>	Voltage Range	100 to 240 V Switching	
		Input Current	0.3 A	
		Input Frequency	50 to 60 Hz	
		Output Voltage	5 VDC	
Output Current	2 Amp			

<b>Removable/ Rechargeable Battery</b>	1250 mAh Lithium Ion Polymer
	Internal backup battery (not removable)

## Battery Life Estimations Usage Scenarios using Slim Removable 1250 mAh battery

Idle Mode (screen active with no user Input or Output)	Up to 12 hours
Active Mode, Backlight off (frequent user input)	Up to 10 hours

**NOTE:** These scenarios are estimations using the default Standby Setting of 72 hours. Battery life will vary based on an estimated typical use pattern of an average user, the configuration of the computer and the usage pattern of the individual user. Use of some attachments may significantly decrease battery life.

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## Options

<b>Expansion Packs</b>	CF Card Expansion Pack Plus	249709-B21	FA121A#AC3
	PC Card Expansion Pack Plus	249708-B21	FA120A#AC3
	CF Card Expansion Pack	170339-B22	FA115A#AC3
	Dual-Slot PC Card Expansion Pack	216198-B21	FA116A#AC3
<b>Style Packs</b>	Cover Pack		FA119A#AC3
<b>Memory/Storage</b>	IBM Microdrive with PC Card Adapter	217390-B25	DC379A
	64-MB SD Memory Card	253478-B21	FA134A#AC3
	128-MB SD Memory Card	253479-B21	FA135A#AC3
	256-MB SD Memory Card	287464-B21	FA136A#AC3
<b>Power</b>	AC Adapter	253629-001	FA130A#AC3
	Auto Adapter	253508-B21	FA125A#AC3
	Slim Battery for Expansion Pack Plus Products	253512-B21	FA127A#AC3
	Extended Battery for Expansion Pack Plus Products	253514-B21	FA128A#AC3
	iPAQ Pocket PC Slim Battery	290484-B21	FA139A#AC3
	iPAQ Pocket PC Extended Battery	290486-B21	FA140A#AC3
	Battery Charger	253516-B21	FA129A#AC3
	Charger Adapter	274707-B21	FA133A#AC3
<b>Synchronization</b>	AutoSync Cable (USB and Serial)	250178-B21	FA122A#AC3
	Desktop Cradle (USB and Serial)	250178-B21	FA123A#AC3
<b>Communications</b>	CompactFlash Modem 56K V.90 (requires CF Card Expansion Pack)	268927-001	FA132A#AC3
<b>Cases</b>	Expandable Case	217883-B22	FA117A#AC3
	Premier Leather Case	252504-B21	FA124A#AC3
	Zippered Leather Case	262207-B21	FA131A#AC3
	Rugged Case	282348-B21	FA137A#AC3
	Three Pack of Screen Protectors		FA138A#AC3
	Custom Cases - To view, and place an order: <a href="http://www.hp.com/products/pocketpc/options">www.hp.com/products/pocketpc/options</a>		
<b>Other</b>	Stylus Three-Pack Replacement Kit	253510-B21	FA126A#AC3
	Slim Keyboard	312391-001	FA141A#AC3
	Micro Keyboard		250111-001
	Foldable Keyboard	249693-001	FA118A#AC3

Plantronics Headset - To view, and place an order: [www.hp.com/products/pocketpc/options](http://www.hp.com/products/pocketpc/options)

**NOTE:** This Web site is available in English only.

**NOTE\*:** Options are sold separately

## **HP iPAQ Pocket PC is a Microsoft® Windows® Powered Pocket PC**

For more information on HP iPAQ Pocket PC, visit our website at <http://www.hp.com/go/iPAQ>

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